



**JUNE 22-25**

**USGIF**  
**geoint** 2015  
SYMPOSIUM

Walter E. Washington Convention Center  
Washington, DC

**OPENING THE APERTURE  
CHARTING NEW PATHS**

**EVENT GUIDE & EXHIBITOR DIRECTORY**





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# MUST KNOW AND WHERE TO GO

## REGISTRATION HOURS

Sunday	6:00-8:00p
Monday	7:00-7:00p
Tuesday	6:00-6:00p
Wednesday	6:00-5:30p
Thursday	6:00-4:00p

## EXHIBIT HALL HOURS

Tuesday	10:00-5:00p
Wednesday	10:00-5:00p
Thursday	10:00-3:00p

## EXHIBIT HALL NETWORKING RECEPTIONS

Tuesday	4:00-5:00p
Wednesday	4:00-5:00p
Thursday	2:00-3:00p

## MEALS & BREAKS

Continental breakfast is available to attendees with Full Symposium badges outside Hall C of the Concourse Level of the Washington Convention Center.

Tuesday - Thursday . . . . . Beginning at 7:00a

Symposium lunch is available to attendees with Full Symposium badges, government purchased lunch tickets, and exhibitors.

Lunch will be served Tuesday-Thursday in the exhibit hall.

Tuesday - Thursday . . . . . 12:30-2:00p

## PRESS ROOM

*Street Level, Room 154*

All members of the press not registered in advance must report directly to the press room to complete their on-site registration before proceeding to the registration counter.

Sunday	5:00-8:00p
Monday	8:00-6:00p
Tuesday - Wednesday	7:00-5:00p
Thursday	7:00-3:00p

## GEOINT 2015 WELCOME CELEBRATION

*Hall C*

Tuesday . . . . . 5:00-7:00p

## ATM MACHINES

There are ATM machines in the Washington Convention Center on the L Street North and South Entrances and L Street Bridge on Level 2.

## BUSINESS SERVICES

*Street Level, Main Lobby below escalators*

Offering all services including shipping, large and small print and copying, faxing, and inbound/outbound shipping. Contact 202-289-5233.

## EMERGENCY/FIRST AID

In case of emergency, please pick up any house phone and dial 911 and contact USGIF Show Management Office in Booth #3146.

## LOST & FOUND

Please bring found articles to the USGIF Show Management Office located in Booth #3146. At the end of the show, all unclaimed articles will be forwarded to Washington Convention Center security.

## SHOW POLICIES

### Badges & Attendance

GEOINT badges are non-transferable. Badges must be worn and visible at ALL Symposium-related activities. One-Day Exhibit Only Pass holders may upgrade to a Full Symposium Pass to attend Symposium sessions by paying the difference in the rate on the date of change. Badges may not be shared.

### Dress Code

USGIF suggests business attire for all conference sessions, breakout tracks, and the exhibit hall. Military officers and enlisted personnel are encouraged to wear a duty uniform or business suit. Business casual attire is recommended for the Welcome Celebration.

### Cellular Phones

As a courtesy to all speakers and your fellow attendees, please place all mobile devices in silent mode during all Symposium sessions. In addition, all cell phones must be answered outside of the meeting rooms.

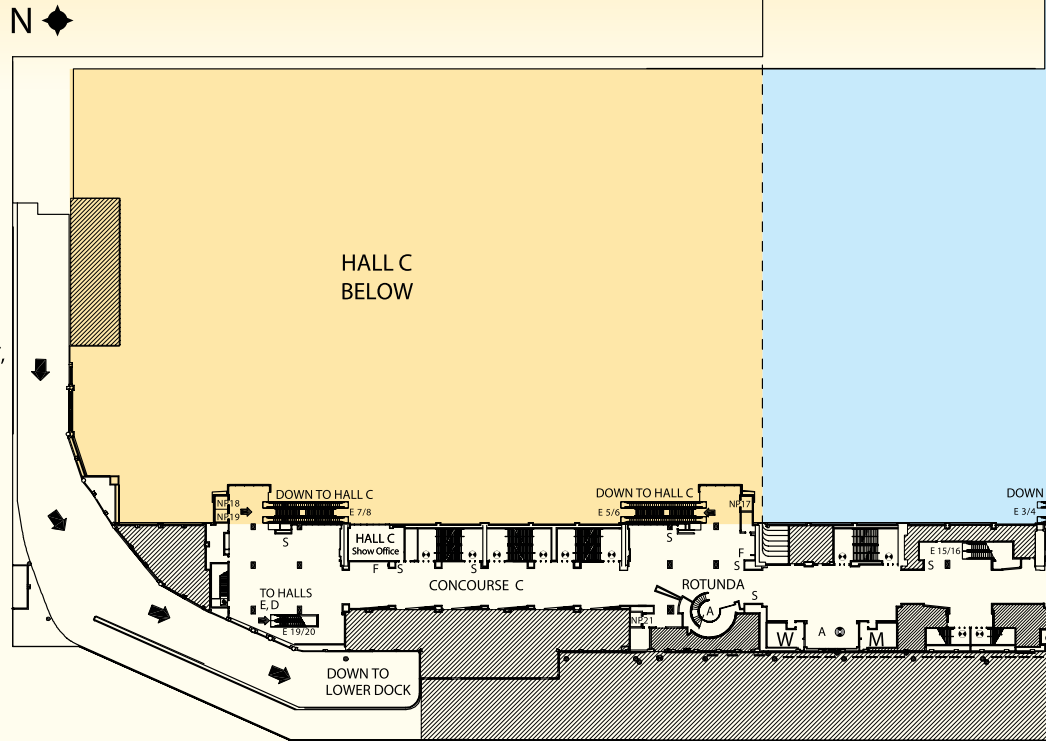
### Solicitation Policy

Solicitation of any kind is prohibited at the GEOINT 2015 Symposium. By registering to attend, you acknowledge this policy and agree that you will not advertise, represent or distribute literature for products or services to our exhibitors, attendees or staff without the express written approval of USGIF. Any attendee that violates this policy will forfeit their registration credentials.

# CONVENTION CENTER MAP

M STREET, ABOVE

## Concourse

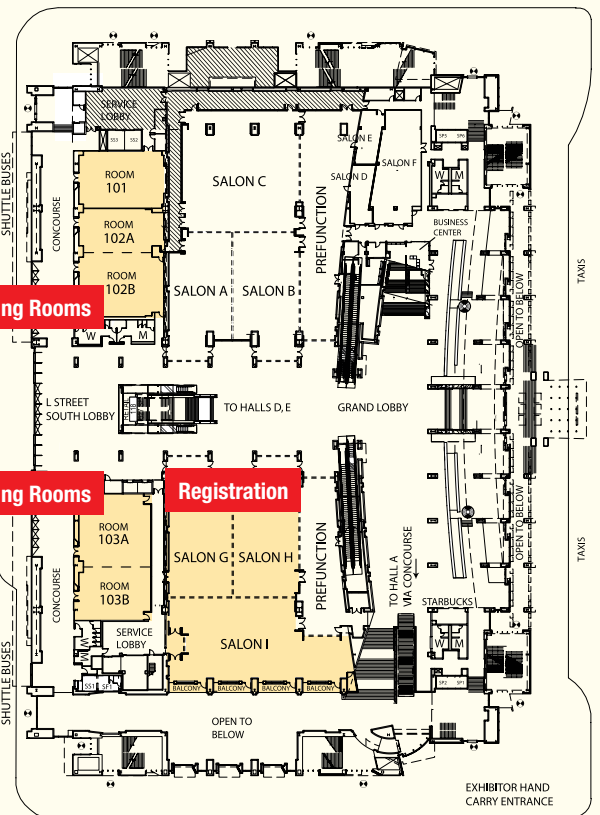
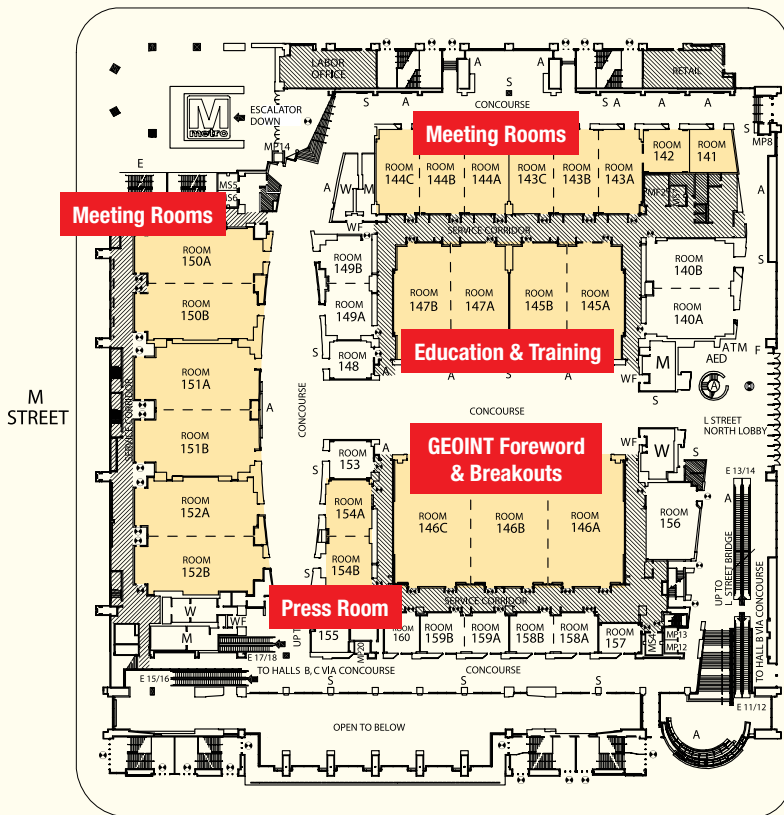


N STREET, ABOVE

M STREET, ABOVE

## Street Level

7TH STREET



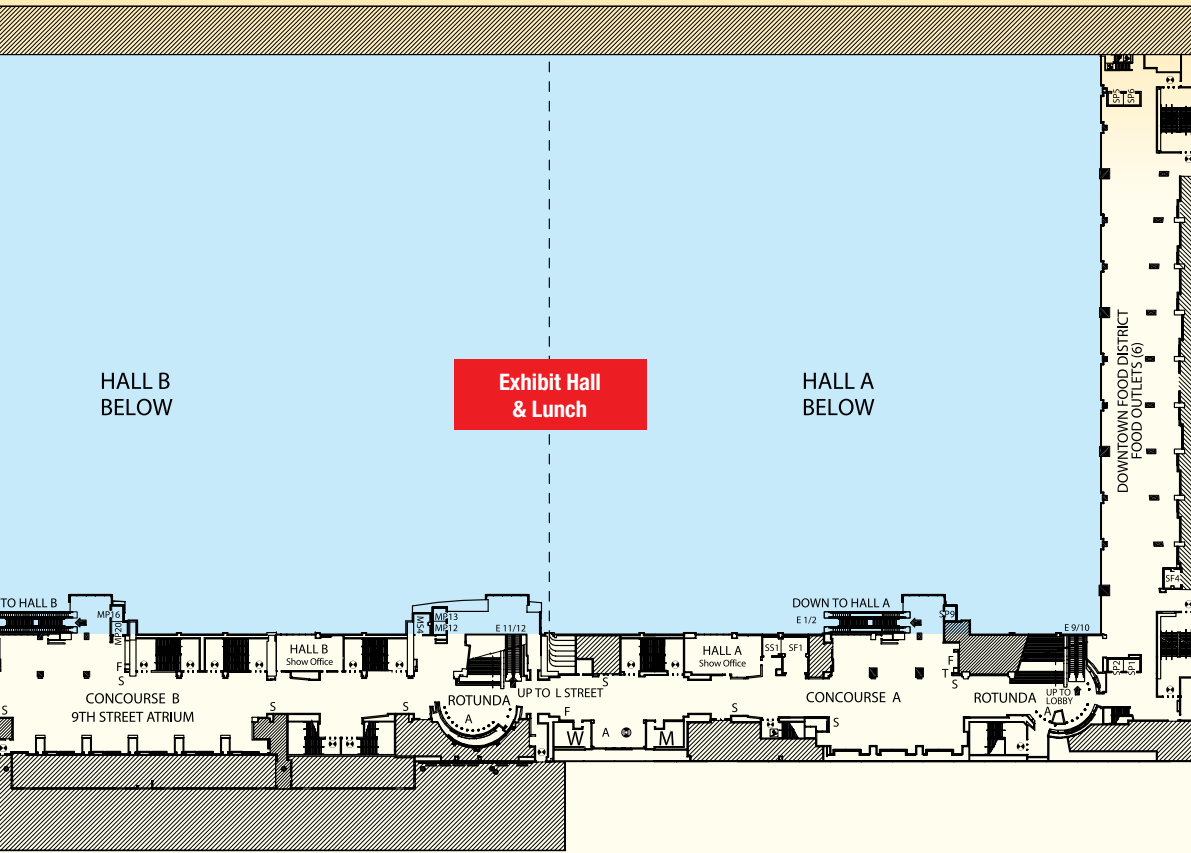
9TH STREET



# CONVENTION CENTER MAP

7TH STREET, ABOVE

L STREET,  
ABOVE

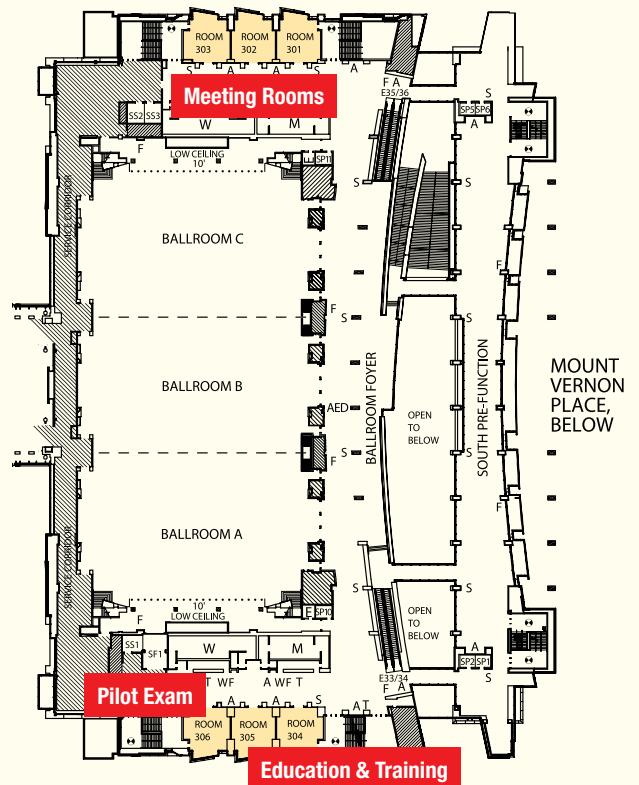
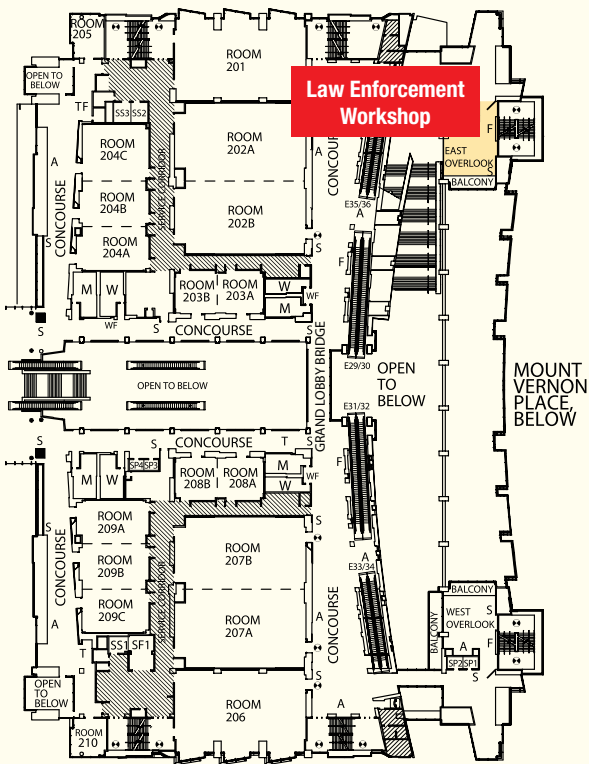


9TH STREET, ABOVE

L STREET,  
ABOVE

## 2nd Level

## 3rd Level



# AGENDA

## MONDAY, JUNE 22

7:30-4:30p	Alder Golf Classic (1757 Golf Club, Dulles, VA)			
<i>GEOINT Foreword</i>				
8:00-10:00a	Student Poster Session & Networking (146)			
10:00-10:15a	Welcome - Dr. Darryl Murdock, Vice President of Professional Development, USGIF (146)			
10:15-10:45a	GEOINT Analytic Challenges (146)			
10:45-11:45a	Analytic Challenge Q&A (145A, 145B, 147A, 147B)			
11:45-12:30p	Lunch Break			
12:30-12:45p	Master of Ceremonies - The Honorable Jeffrey K. Harris, Chairman, USGIF Board of Directors (146)			
12:45-1:30p	Keynote - Quest for Autonomous GEOINT – Sensing as a Service and PCPADx - Dr. Steve Rogers, Air Force Senior Scientist for Automatic Target Recognition and Sensor Fusion, AFRL (146)			
1:30-1:45p	Networking Break (146)			
1:45-3:00p	How to Train your Data Scientists (145A)	GEOINT Credentialing Panel (145B)	Utilizing Commercial Space and SmallSat Assets (147A)	NGA Collegiate Research and Education (147B)
3:00-3:30p	Networking Break (146)			
3:30-4:45p	Data Science Acquisition Models (145A)	Universal GEOINT Essential Body of Knowledge (145B)	Swimming in the Data: Modeling, Simulation, Analysis and GEOINT (147A)	NGA/USGS Centers of Academic Excellence Program (147B)
4:45-5:00p	Networking Break (146)			
5:00-6:15p	Analytics and Change Management (145A)	GEOINT Analytics Lexicon (145B)	Creating and Posting Open Source Apps (147A)	Interoperability and Improving Integration with Standards, Models, & Data (147B)
6:15-7:30p	Emerging Technologies Lightning Talks & Networking Reception (146)			

## TUESDAY, JUNE 23 • Exhibit Hall Open 10:00-5:00p

7:00-9:00a	Training & Education Sessions (145A, 145B, 147A, 147B, 149A, 149B, 304)			
9:00-9:15a	Presentation of Colors (Hall C)			
9:15-9:30a	Welcome - The Honorable Jeffrey K. Harris, Chairman, USGIF Board of Directors (Hall C)			
9:30-9:45a	Master of Ceremonies - The Honorable Joan A. Dempsey, USGIF Board of Directors (Hall C)			
9:45-10:15a	Keynote - The Honorable Robert O. Work, Deputy Secretary of Defense (Hall C)			
10:15-11:00a	Keynote - Robert Cardillo, Director, NGA (Hall C)			
11:00-11:30a	Networking Break - Sponsored by MCR (Outside Hall C)			
11:30-12:00p	Keynote - Theresa Marie Whelan, Principal Deputy Assistant Secretary of Defense for Special Operations/Low-Intensity Conflict (Hall C)			
12:00-12:30p	Keynote - General Stan McChrystal, U.S. Army (Ret.), Former Commander, U.S. and International Security Assistance Forces (ISAF) (Hall C)			
12:30-2:00p	Lunch Break & Exhibit Hall Time (Halls A-B)			
1:30-4:00p	Government Pavilion Stage (Hall B, Booth 8105)			
2:00-3:30p	Breakout Discussion - Assuring Space Resilience (146)			
2:00-4:00p	Training & Education Sessions (145A, 145B, 147A, 147B, 149A, 149B, 304)			
2:45-3:15p	Afternoon Refreshment Break - Sponsored by Juniper Networks & Technica (146)			
4:00-5:00p	Exhibit Hall Reception (Halls A-B)			
5:00-7:00p	GEOINT 2015 Welcome Celebration (Hall C)			

# AGENDA

## WEDNESDAY, JUNE 24 • Exhibit Hall Open 10:00-5:00p

7:00-9:00a	Training & Education Sessions (145A, 145B, 147A, 147B, 149A, 149B, 304)		
9:00-9:15a	Master of Ceremonies - Adm. Thad Allen (Ret.), Former Commandant, U.S. Coast Guard (Hall C)		
9:15-9:45a	Keynote - Adm. Michael S. Rogers, U.S. Navy, Commander, USCYBERCOM; and Director, NSA/Chief, CSS (Hall C)		
9:45-10:00a	USGIF Geospatial Awards Presentation (Hall C)		
10:00-10:45a	Panel - A Conversation with NGA's Senior Leadership (Hall C)		
10:45-11:15a	Networking Break - Sponsored by KEYW (Outside Hall C)		
11:15-11:45a	Keynote - Robert D. Kaplan, Author "The Revenge of Geography;" Senior Fellow, CNAS (Hall C)		
11:45-12:30p	National Security Roundtable (Hall C)		
12:30-2:00p	Lunch Break and Exhibit Hall Time (Halls A-B)		
1:00-2:00p	Working Group Presentation - GEOINT Wildlife Security & Illicit Trafficking (303)	Working Group Presentation - NGA & Small Business (305)	
1:00-4:00p	User Group Meeting - Law Enforcement/First Responder Tradecraft Challenges and Opportunities Exchange (East Overlook)		
1:30-4:00p	Government Pavilion Stage (Hall B, Booth 8105)		
2:00-3:30p	Breakout Discussion - GEOINT and Epidemiology: The Role of Geospatial Intelligence in Health Crisis Analysis and Mission (146)		
2:00-4:00p	Training & Education Sessions (145A, 145B, 147A, 147B, 149A, 149B, 304)		
2:45-3:15p	Afternoon Refreshment Break - Sponsored by Boundless (146)		
4:00-5:00p	Exhibit Hall Reception (Halls A-B)		

## THURSDAY, JUNE 25 • Exhibit Hall Open 10:00-3:00p

7:00-9:00a	Training & Education Sessions (145A, 145B, 147A, 147B, 149A, 149B, 304)		
9:00-9:15a	Master of Ceremonies - Jim Sciutto, Chief National Security Correspondent, CNN (Hall C)		
9:15-10:00a	Keynote - Rep. Adam Schiff, Ranking Member; Rep. Devin Nunes, Chairman, House Permanent Select Committee Intelligence (Hall C)		
10:00-10:15a	USGIF's Arthur C. Lundahl-Thomas C. Finnie Lifetime Achievement Award Presentation (Hall C)		
10:15-11:00a	Keynote - The Honorable James R. Clapper, DNI (Hall C)		
11:00-11:30a	Networking Break - Sponsored by Juniper Networks & Technica (Outside Hall C)		
11:30-12:00p	Keynote - Betty J. Sapp, Director, National Reconnaissance Office (Hall C)		
12:00-12:30p	Keynote - The Honorable Marcel Lettre, Acting Under Secretary of Defense for Intelligence (Hall C)		
12:30-2:00p	Lunch Break & Exhibit Hall Time (Halls A-B)		
12:30-3:00p	Family Day (Halls A-B)		
1:00-2:30p	Breakout Discussion - Improving Human Geography Data for Human Security Mapping (146)		
1:00-3:00p	Government Pavilion Stage (Hall B, Booth 8105)	Training & Education Sessions (145A, 145B, 147A, 147B, 149A, 149B)	ScavenGeo Dash (Halls A-B)
2:00-3:00p	Exhibit Hall Reception (Halls A-B)		
4:05-7:30p	GEOINT 2015 Closing Celebration: Washington Nationals vs. Atlanta Braves (Nationals Park) <b>Purchase tickets at registration</b>		



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# AGENDA

## MONDAY, JUNE 22

### GEOINT FOREWORD

8:00-10:00a

#### STUDENT POSTER SESSIONS, COFFEE AND NETWORKING

Outside Room 146

10:00-10:15a

#### WELCOME

Room 146

Dr. Darryl Murdock, Vice President of Professional Development

10:15-10:45a

#### GEOINT ANALYTIC CHALLENGES

Room 146

- Gary Dunow, Deputy Director, NGA Analysis Directorate
- John Goolgasian, Director, Director, Source Operations and Management Directorate, NGA
- Paula Knepper, Program Director, Emerging Threats & Opportunities, Global Security, Los Alamos National Laboratory
- Eileen Preisser, Director of Air Force GEOINT Office, U.S. Air Force

10:45-11:45a

#### ANALYTIC CHALLENGE Q&A

Rooms 145A, 145B, 147A, 147B

Presenters will rotate through each of the four rooms allowing for all attendees to ask questions

- Thomas Buist & Teresa Hofstetter, U.S. Air Force
- Lon Haman, Analysis Directorate, NGA
- Daniela Moody, Scientist, Intelligence and Space Research Division, Los Alamos National Laboratory
- Scott Webster, Source Operations and Management Directorate, NGA

11:45-12:30p

#### LUNCH BREAK

12:30-12:45p

#### MASTER OF CEREMONIES

Room 146

The Honorable Jeffrey K. Harris, Chairman, USGIF Board of Directors

12:45-1:30p

#### KEYNOTE

Room 146

#### Quest for Autonomous GEOINT - Sensing as a Service & PCPADx

Dr. Steve Rogers, Air Force Senior Scientist for Automatic Target Recognition and Sensor Fusion, AFRL

1:30-1:45p

#### NETWORKING BREAK

Room 146

1:45-3:00p

#### AFTERNOON CONCURRENT SESSIONS

##### How to Train Your Data Scientists

Room 145A

**Moderator:** Josh Sullivan, Partner, Strategic Innovation Group, Booz Allen Hamilton

- Kirk Borne, Principal Data Scientist, Booz Allen Hamilton
- Srinivas Prasad Associate Professor of Decision Sciences George Washington University (invited)
- Philippe Rigollet, Associate Professor, MIT
- Casey Stella, Principal Architect, HortonWorks

##### GEOINT Credentialing Panel

Room 145B

- Tim Hegarty, Chief Learning Officer, NGA
- Dr. Darryl Murdock, Vice President, Professional Development, USGIF
- Rich Schultz, Associate Director, GeoTech Center
- Diana Sinton, Executive Director, UCGIS

##### Utilizing Commercial Space and Small Sat Assets

Room 147A

**Moderator:** Jessica Young, Mechanical Engineer, Lockheed Martin

- Thomas Doyne, GEOCOM Staff, NGA
- Wade Larson, Chief Executive Officer, UrtheCast
- Richard B. Leshner, Planet Labs
- Chris Ruf, Principal Investigator, Venture Mission NASA

##### NGA Collegiate Research and Education

Room 147B

**Moderator:** Joan Vallancewhitacre, NARP Program Manager, InnoVision Directorate, NGA

- Todd Bacastow, Professor of Practice for Geospatial Intelligence, Penn State University
- Rakesh Malhotra, Assistant Professor, Fayetteville State University
- Shakila Merchant, Assistant Director, NOAA Cooperative Remote Sensing Science & Technology Center, City College of New York
- David Messinger, Interim Director, Chester F. Carlson Center for Imaging Science, Rochester Institute of Technology

3:00-3:30p

#### NETWORKING BREAK

Room 146

# AGENDA

3:30-4:45p

## AFTERNOON CONCURRENT SESSIONS

### Data Science Acquisition Models

Room 145A

**Moderator:** Saurin Shah, Chief Data Scientist, Booz Allen Hamilton

- Chris Bennight, Project Scientist, NGA
- Will Cukierski, Head of Competitions, Kaggle
- Dave Mattox, Director of Data Science, Altamira Technologies

### Universal GEOINT Essential Body of Knowledge

Room 145B

**Moderator:** Ayana Nickerson, Credentialing Manager, USGIF

- Chris Anderson, Research Analyst, GSX
- Dr. Max Baber, Director, Academic Programs, USGIF
- Joselito Lualhati, Director of Research and System Development, GSX

### Swimming in the Data: Modeling, Simulation, Analysis and GEOINT

Room 147A

**Moderator:** Dan Maxwell, President, KaDsci

- Ryan McAlinden, Associate Director, Institute for Creative Technology, University of Southern California
- Samuel Chambers, Joint Staff J-7
- Bobby Chamberlain, NRO
- Earl Miller, USSOCOM

### NGA/USGS Centers of Academic Excellence Program

Room 147B

**Moderator:** Edward Cope, Director of IB, InnoVision Directorate, NGA

- Frank Avila, National GEOINT Officer – Imagery Science, NGA Analysis Directorate
- Kari Craun, Director of National Geospatial Technical Operations Center, USGS
- Brian Hagan, NGO for Geography & Cartographic Content, Source Directorate, NGA
- Justin Poole, Director, Xperience Directorate, NGA
- Ernest Reith, Deputy Director of IT Services, NGA

4:45-5:00p

## NETWORKING BREAK

Room 146

5:00-6:15p

## AFTERNOON CONCURRENT SESSIONS

### Analytics and Change Management

Room 145A

**Moderator:** Angela Zutavern, Vice President, Strategic Innovations Group, Booz Allen Hamilton

- Andy Hock, Senior Developer of Advanced Technology Programs, Skybox
- Ezmeralda Khalil, Principal, Strategic Innovations Group, Booz Allen Hamilton
- Chris Rasmussen, Unclassified GEOINT Pathfinder Program Manager, and Public Open Source Software Development Lead, NGA

### GEOINT Analytics Lexicon

Room 145B

**Moderator:** Chris McLean, Los Alamos National Laboratory; and Daniela Moody, Scientist, Intelligence and Space Research Division, Los Alamos National Laboratory

- Eric Anderson, Executive Director, CaGIS
- Stuart Blundell, General Manager and Director of Sales, Exelis Geospatial Intelligence Solutions
- Kari Craun, Director of National Geospatial Technical Operations Center, USGS
- Michael Hauck, Executive Director, ASPRS
- Dr. Darryl Murdock, VP of Professional Development, USGIF
- Kevin Pomfret, Executive Director, Centre for Spatial Law and Policy
- Diana Sinton, Executive Director, UCGIS

### Creating and Posting Open Source Apps

Room 147A

**Moderator:** Ben Conklin, Lead Military and Intelligence Solutions, Esri; and David Waldrup, Strategic Advisor, TASC

- Steven C. Christopher, Lead for GEOINT Services, Analysis Directorate, NGA
- Shana Simmons, NGA
- Tom Suder, President, MobileGov
- Todd Smith, Director of Geospatial Technology, AGI

### Interoperability and Improving Integration with Standards, Models, and Data

Room 147B

**Moderator:** Teri Dempsey, Director of Geospatial Systems ISAS, TASC

- Ray Bauer, Innovation Lead of Architecture and Integration, NGA
- Mike Lokuta, Chief Engineer of Defense & Security, CAE
- Mike Thompson, Manager of Geospatial R&D, CACI

# AGENDA

6:15-7:30p

## EMERGING TECHNOLOGIES LIGHTNING TALKS & NETWORKING RECEPTION

Room 146

**Moderator:** Chris Powell, NT Concepts

- Lawrence Brown, Solutions Architect, NVIDIA - Graph Analytics at Scale for GEOINT
- Andrew Doyle, Senior Engineering Manager, CACI - The EMBERS Predictive Analytics System
- Claire Giordano, Senior Director of Emerging Storage Markets, Quantum - Connecting Dots In Today's World—Crayons Not Included
- Sam Gordy, President of Integrated Systems Group, Leidos - Context, Content and Consequence via Real-Time Integration of Multiple Sources
- Joseph Guay, Lecturer, Northeastern University - Geospatial Technologies for Humanitarian Action: harnessing mobile solutions, the power of the crowd, and commercial remote sensing in low-resource, high-risk settings—a conceptual framework
- Garrett Kenyon, Scientist, Los Alamos National Laboratory - A Massively Scalable Multi-INT Processor
- Cordula Robinson, Director of GIT Program, Northeastern University - Enabling faster delivery of GEOINT: Situational Awareness via secure data links: Example from the Boston Marathon, 2015.
- Ryan Smith, Senior Manager, DigitalGlobe - Calculating High Resolution Global Scale Geospatial Analytics with MapReduce Geospatial (MrGeo)
- Harold Trease, Chief Scientist, DataFission - Next Generation Information Content Analysis Tools - Applied To Unstructured, Multi-INT Sensor Data

## TUESDAY, JUNE 23

7:00-9:00a

### TRAINING & EDUCATION SESSIONS

#### New Techniques in FMV Analysis for the GEOINT Analyst – MotionDSP

Room 145A

#### The Five Habits of the Master Thinker – Pherson Associates

Room 145B

#### Making Sense of Object Behavior on the Ground Using the Full Power of Remote Sensing – DigitalGlobe

Room 147A

#### Using LiDAR Data to Perform Seaport Risk and Vulnerability Assessments – Textron Systems

Room 149B

#### Making Sense of Multilingual Social Media – SDL Government

Room 304

#### The Next Step in Simulation with GEOINT Data – GameSim

Room 149A

#### Crisis Mapping for Humanitarian Action: Applications of New Information Communication Technologies (ICTs) and Methods Using OSS and CGD – Northeastern University

Room 147B

9:00-9:15a

### PRESENTATION OF COLORS

Room Hall C

9:15-9:30a

### WELCOME

Hall C

The Honorable Jeffrey K. Harris, Chairman, USGIF Board of Directors

9:30-9:45a

### MASTER OF CEREMONIES

Hall C

The Honorable Joan A. Dempsey, USGIF Board of Directors

9:45-10:15a

### KEYNOTE

Hall C

The Honorable Robert Work, Deputy Secretary of Defense

10:00-5:00p

### EXHIBIT HALL OPEN

Halls A-B

10:15-11:00a

### KEYNOTE

Hall C

Robert Cardillo, Director, National Geospatial-Intelligence Agency (NGA)

11:00-11:30a

### NETWORKING BREAK

Outside Hall C

11:30-12:00p

### KEYNOTE

Hall C

Theresa Marie Whelan, Principal Deputy Assistant Secretary of Defense for Special Operations/Low-Intensity Conflict

12:00-12:30p

### KEYNOTE

Hall C

Gen. Stan McChrystal, U.S. Army (Ret.), Former Commander, U.S. and International Security Assistance Forces (ISAF)



# AGENDA

12:30-2:00p

## LUNCH BREAK AND EXHIBIT HALL TIME

Halls A-B

1:30-4:00p

## GOVERNMENT PAVILION STAGE

Hall B, Booth 8105

Kevin P. Meiners, Assistant Director of National Intelligence for Acquisition, Technology and Facilities, ODNI

### NGA and Transparency: Enabling the Mission through IT

Doug McGovern, CIO and Director, Technical Services Directorate, NGA

### The Army Geospatial Center

Dr. Joseph Fontanella, Director, Army Geospatial Center; and Geospatial Information Officer, U.S. Army

### Innovation at DIA

Terry Busch, DIA

### Achieving Object Based Production through Next Gen Tasking, Analytic Modeling, and Integrative Intelligence

Gary Dunow, Director, Analysis Directorate; and John Goolgasian, Director, Source Operations and Management Directorate, NGA

2:00-3:30p

## BREAKOUT DISCUSSION - ASSURING SPACE RESILIENCE

Room 146

- Mark Choiniere, Director, Advanced Development Office, InnoVision Directorate, NGA
- Dr. Gordon Roesler, Program Manager, Tactical Technology Office, DARPA
- Maj. Gen. Roger W. Teague, Director, Space Programs, Office of the Assistant Secretary for Acquisition, U.S. Air Force
- Thomas Webber, Director, Space & Strategic Systems Directorate, USASMDC/ARSTRAT Technical Center, U.S. Army Space and Missile Defense Command

2:00-4:00p

## TRAINING AND EDUCATION SESSIONS

### New Techniques in FMV Analysis for the GEOINT Analyst – MotionDSP

Room 145A

### The Five Habits of the Master Thinker – Pherson Associates

Room 145B

### Making Sense of Object Behavior on the Ground Using the Full Power of Remote Sensing – DigitalGlobe

Room 147A

### Using LiDAR Data to Perform Seaport Risk and Vulnerability Assessments – Textron Systems

Room 149B

### Making Sense of Multilingual Social Media – SDL Government

Room 304

### The Next Step in Simulation with GEOINT Data – GameSim

Room 149A

### Crisis Mapping for Humanitarian Action: Applications of New Information Communication Technologies (ICTs) and methods using OSS and CGD – Northeastern University

Room 147B

2:45-3:15p

## AFTERNOON REFRESHMENT BREAK

Room 146

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4:00-5:00p

## EXHIBIT HALL RECEPTION

Halls A-B

5:00-7:00p

## GEOINT 2015 WELCOME CELEBRATION

Hall C

# WEDNESDAY, JUNE 24

7:00-9:00a

## TRAINING & EDUCATION SESSIONS

### Using Geospatial Data to Generate a Common Understanding of the Environment – Tesla Government

Room 145A

### Neighborhood Spatial Modeling Workshop – KEYW Corp.

Room 149A

### OpenStreetMap: Source for Worldwide, Seamless, Crowdsourced Geospatial Feature Data – CACI

Room 145B

### From Landnav to Lessons Learned: The Importance of Geo-specific Terrain in Building Realistic Training Environments – CGI Federal

Room 149B

### Hand-Held Open Apertures: Methods and Technology & Hand-Held ISR-Traditions and Future– Red Hen Systems

Room 147B

### Commercial Electro Optical Imaging – USGIF EO Working Group

Room 304

### Multi-INT Fusion for Activity Recognition for Uncoordinated Sensors – Aptima

Room 147A



# AGENDA

9:00-9:15a

## MASTER OF CEREMONIES

Hall C

Adm. Thad Allen, U.S. Coast Guard (Ret.),  
Former Commandant, U.S. Coast Guard

9:15-9:45a

## KEYNOTE

Hall C

Adm. Michael S. Rogers, U.S. Navy, Commander,  
USCYBERCOM; and Director, NSA/Chief, CSS

9:45-10:00a

## USGIF GEOSPATIAL AWARDS PRESENTATION

Hall C

10:00-5:00p

## EXHIBIT HALL OPEN

Halls A-B

10:00-10:45a

## PANEL

Hall C

### A Conversation with NGA's Senior Leadership

- Robert Cardillo, Director, NGA
- Susan M. Gordon, Deputy Director, NGA
- Ed Mornston, Chief of Staff, NGA
- Misty Tullar, Director of Plans and Programs, NGA
- James Griffith, Deputy Director of Operations, NGA

10:45-11:15a

## NETWORKING BREAK

Outside Hall C



11:15-11:45a

## KEYNOTE

Hall C

Robert D. Kaplan, Author "The Revenge of Geography";  
Senior Fellow, CNAS

11:45-12:30p

## NATIONAL SECURITY ROUNDTABLE

**Moderator:** Michael E. Leiter, Former Director, NCTC; and  
Executive Vice President for Business Development and  
Strategy for Leidos

- Col. Joseph R. Fuentes, Superintendent, New Jersey  
State Police
- Thomas Bush, Deputy Assistant Commissioner, Office  
of Intelligence, U.S. Customs and Border Protection
- Eric Velez-Villar, Executive Assistant Director, FBI Directorate  
of Intelligence, Federal Bureau of Investigation

12:30-2:00p

## LUNCH BREAK AND EXHIBIT HALL TIME

Halls A-B

1:00-2:00p

## WORKING GROUP PRESENTATION – NGA & SMALL BUSINESS

Room 305

- Mike Geggus, Industry Innovation Advocate, NGA
- Justin Poole, Director, Xperience Directorate, NGA
- John Goolgasian, Director, Source Operations and  
Management Directorate, NGA
- Rich Bayard, Deputy Director, Plans & Programs, NGA

1:00-2:00p

## WORKING GROUP PRESENTATION – GEOINT WILDLIFE SECURITY AND ILLICIT TRAFFICKING

Room 303

- Azzedine Downes, President and CEO, International Fund  
for Animal Welfare
- Terry Ford, National Intelligence Manager for Africa,  
Office of the Director for National Intelligence
- David Luna, Senior Director, National Security and  
Diplomacy, Combating Global Threats and Navigating  
Geo-Security Risks, Office of Anti-Crime Programs, INL  
U.S. Department of State
- Robert Mutinda Muasya, Acting Deputy Director Security,  
Kenya Wildlife Service
- Catherine Semcer, Consultant, Humanitarian Operations  
Protecting Elephants
- Scott Stetson, Vice President, Remote Sensing Division,  
KEYW Corporation

1:00-4:00p

## USER GROUP MEETING – LAW ENFORCEMENT/ FIRST RESPONDER TRADECRAFT CHALLENGES AND OPPORTUNITIES EXCHANGE

East Overlook

1:00-2:30p

## Federal Civil

**Moderators:** Melissa Pacak, NGA; and Dr. Shawana P. Johnson

- Glenn Bethel, USDA FAS, Remote Sensing Advisor and  
Disaster Management Imagery Liaison
- John Desmarais, Civil Air Patrol, Director of Operations
- Dr. Jerry Johnston, DOI, Geospatial Information Officer
- Robert Tetrault, USDA FAS, South American Analyst and  
Global Food Security Liaison
- Candice Wright, Long Beach FBI JTTF, Criminal Intelligence  
Section Long Beach Police Department

2:30-4:00p

## Local Law Enforcement/First Responder/Industry

**Moderator:** Melissa Pacak

- Mark Dupont, NASBLA, Executive Director
- Jacob King, Wright Patterson AFB, Fire Chief
- Bruce Seibert, Assist Aviation, Vice President, Airborne  
Collections, Law Enforcement Liaison
- Jeff Wobbleton, DC Metro Police, Statewide Interoperability  
Communication Coordinator

# AGENDA

1:30-4:00p

## GOVERNMENT PAVILION STAGE

Hall B, Booth 8105

The Honorable Thomas M. Battle Jr., Mayor, City of Huntsville  
David Alexander, Director, Geospatial Management Office, DHS  
Michael Howell, ISE Deputy Program Manager; and Director, Classified Information Sharing and Safeguarding Office  
Ivan B. DeLoatch, Executive Director, Federal Geographic Data Committee

### Legal and Policy Trends

Cindy Ryan, General Counsel, NGA; and Kevin Pomfret, Executive Director, The Centre for Spatial Law and Policy

2:00-3:30p

## BREAKOUT DISCUSSION – GEOINT AND EPIDEMIOLOGY: THE ROLE OF GEOSPATIAL INTELLIGENCE IN HEALTH CRISIS ANALYSIS AND MISSION

Room 146

**Introductory Keynote:** Rear Adm. Scott F. Giberson, Commander, Commissioned Corps' Ebola Response in West Africa; and Director, Division of Commissioned Corps Personnel and Readiness (DCCPR), Department of Health and Human Services (HHS)

**Moderator:** Melissa Hersh, Fellow, Truman National Security Project; and Hersh Consulting

- Justin Poole, Director, Xperience Directorate, NGA
- Capt. Michael Schmoyer, Deputy Director of Intelligence, Office of Security and Strategic Information, Department of Health and Human Services
- Rob Shankman, GIS Program Manager, U.S. Department of Health and Human Services
- Karen Walsh, CEO, Blue Glass Development

2:00-4:00p

## TRAINING AND EDUCATION SESSIONS

### Introduction to Shortwave Infrared (SWIR) Analysis Tools – Exelis

Room 147B

### The World in 3D: Point Cloud Technology – Naval Postgraduate School

Room 145B

### Deep Learning on GPUs: A Breakthrough in Image Classification – NVIDIA

Room 149A

### Advances in Geospatial Mapping Technologies to Serve Defense and Homeland Security – Woolpert

Room 145A

### The Geographic Approach and Spatial Literacy – Esri

Room 304

### The Devil's in the Data: Commercial, Combat, and Policy Applications for Spatiotemporal Big Data – Northrop Grumman

Room 147A

## GEOINT 101A: Function and Mission, USGIF and The Intelligence & Security Academy - USGIF

Room 149B

2:45-3:15p

## AFTERNOON REFRESHMENT BREAK

Room 146



4:00-5:00p

## EXHIBIT HALL RECEPTION

Halls A-B

Small Business Reception in the USGIF Booth

# THURSDAY, JUNE 25

7:00-9:00a

## TRAINING & EDUCATION SESSIONS

### Understanding GeoCyber Potential – Innovative Analytics & Training

Room 145A

### A Multi-Tradecraft Approach to Educating the GEOINT Workforce – National Geospatial-Intelligence College

Room 145B

### Usability and Accessibility Training for Web-based GEOINT Applications – Next Century

Room 147A

### Inspector Detector: Mobile Applications as Indicators of GEOINT – Raytheon BBN Technologies

Room 149B

### The Promise and Reality of Cognitive Computing – IBM

Room 147B

### Secure Broadband IP Over Satellite – iDirect Government

Room 149A

## GEOINT 101B: Collection Capabilities, USGIF and The Intelligence & Security Academy - USGIF

Room 304

9:00-9:15a

## MASTER OF CEREMONIES

Hall C

Jim Sciutto, Chief National Security Correspondent, CNN

9:15-10:00a

## KEYNOTE

Hall C

Rep. Adam Schiff, Ranking Member; Rep. Devin Nunes, Chairman, House Permanent Select Committee Intelligence

10:00-10:15a

## USGIF'S ARTHUR C. LUNDAHL-THOMAS C. FINNIE LIFETIME ACHIEVEMENT AWARD PRESENTATION

Hall C

# AGENDA

10:00-3:00p

## EXHIBIT HALL OPEN

Hall A-B

10:15-11:00a

## KEYNOTE

Hall C

The Honorable James R. Clapper, Director of National Intelligence

11:00-11:30a

## NETWORKING BREAK

Outside Hall C

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11:30-12:00p

## KEYNOTE

Hall C

Betty J. Sapp, Director, National Reconnaissance Office

12:00-12:30p

## KEYNOTE

Hall C

The Honorable Marcel Lettre, Acting Under Secretary of Defense for Intelligence

12:30-2:00p

## LUNCH BREAK AND EXHIBIT HALL TIME

Halls A-B

12:30-3:00p

## FAMILY DAY

Halls A-B

A variety of family activities and events for children taking place throughout the exhibit hall

1:00-3:00p

## SCAVENGE DASH

Halls A-B

1:00-3:00p

## BREAKOUT DISCUSSION – IMPROVING HUMAN GEOGRAPHY DATA FOR HUMAN SECURITY MAPPING

Room 146

**Introductory Keynote:** Robert Cardillo, Director, NGA

- Brian Hagan, NGA
- Dr. Melinda Laituri, Department of State
- Lea Shanley, NASA Presidential Innovation Fellow
- Nicole Sponaugle, DIA
- Godfrey Takavarasha, UN Office for the Coordination of Humanitarian Affairs
- Mike Williams, University of South Florida

1:00-3:00p

## TRAINING AND EDUCATION SESSIONS

### EO and SAR Constellation Imagery Collection Planning Training – Orbit Logic

Room 147B

### Space Systems Verification & Validation – Teaching Science and Technology Inc.

Room 149A

### Conceptualizing Data Interpretation with Multi-Dimensional Intelligence – BAE Systems

Room 145A

### OpenStack, Eucalyptus, Docker: How Open-Source Technologies are Changing the Intelligence Cloud Landscape – HP

Room 147A

### Enabling PED at the Tactical Edge – General Dynamics

Room 145B

### Activity-Based Intelligence In Action: Non-traditional GEOINT and the Future of Analysis- LearningTree

Room 149B

1:00-3:00p

## GOVERNMENT PAVILION STAGE

Hall B, Booth 8105

### Policy and The Hill: A Staffer Perspective IC ITE Mission Users and Technologies

### Catherine Johnston, Director of Analysis, DIA, and IC ITE Mission User Group Chair

### Agile Industry Innovation

Susan M. Gordon Deputy Director; Mike Geggus, Industry Innovation Advocate; Nicole Pierce, Senior Procurement Executive, Office of Contract Services Directorate; and Karyn Hayes-Ryan, Director, NSG Program Manager Office, Technical Services Directorate, NGA

2:00-3:00p

## EXHIBIT HALL RECEPTION & FAMILY DAY

Halls A-B

4:05-7:30p

## GEOINT 2015 CLOSING CELEBRATION

Nationals Park

### Washington Nationals vs. Atlanta Braves

Metro Green Line; or 1500 South Capitol Street, SE, Washington, DC 20003



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# TRAINING & EDUCATION SESSIONS

## TUESDAY, JUNE 23

7:00-9:00a & 2:00-4:00p

Each training for Tuesday will be offered once in the morning and once in the afternoon.

### NEW TECHNIQUES IN FMV ANALYSIS FOR THE GEOINT ANALYST

*MotionDSP*

Full-motion video and GEOINT experts from the Air Force and Special Operations Communities will detail the potential and promise of FMV to empower the GEOINT Community. The majority of the training session focuses on the fusion of FMV and geospatial data in real-world case studies.

### THE FIVE HABITS OF THE MASTER THINKER

*Pherson Associates*

This educational session lays out the five critical thinking skills all geospatial professionals should master to protect against biased thinking, help spur imagination, and collaborate across agencies and disciplines to best protect the nation's security.

### MAKING SENSE OF OBJECT BEHAVIOR ON THE GROUND USING THE FULL POWER OF REMOTE SENSING

*DigitalGlobe*

The course covers various aspects of remote sensing including spatial, spectral, radiometric, and temporal resolutions. The course touches upon aspects of tasking and collection of imagery and various imaging modes as well as discuss how to process data and how imagery can be applied for a variety of military and civil applications.

### USING LIDAR DATA TO PERFORM SEAPORT RISK AND VULNERABILITY ASSESSMENTS

*Textron Systems*

This workshop teaches participants to use LiDAR data and imagery to perform a rapid geospatial assessment and mitigate potential high-interest merchant vessel threats. A demonstration teaches participants how to quickly extract feature data from aerial LiDAR and use the results to create a series of operational overlays and industry standard products.

### MAKING SENSE OF MULTILINGUAL SOCIAL MEDIA

*SDL Government*

This training session helps intelligence analysts and managers design a faster, better, and cheaper Open Source Intelligence (OSINT) social media exploitation strategy to keep pace with unique mission needs, satisfy security requirements, minimize contracting headaches, and optimize budgets.

### THE NEXT STEP IN SIMULATION WITH GEOINT DATA

*GameSim*

As warfighter applications become more reliant on game engine technologies and ever-expanding geographic areas and densities, this course explores opportunities for large-scale procedural intensification of GEOINT source data without requiring manual intervention. It will also provide real-world examples, survey existing software solutions, and provide insight to decision-makers for integrating these technologies into their processes.

### CRISIS MAPPING FOR HUMANITARIAN ACTION

*Northeastern University*

Learn how to perform crisis mapping in the real world and reflect on ethical, political, and practical challenges that come from working in this field. The training covers three training modules—SMS aggregators, open-data kit mobile surveys, and crowdsourced and micro-tasking methods—highlighting key real-life applications and deployments. Attendees will need to bring a laptop and smartphone to participate.

## WEDNESDAY, JUNE 24

7:00-9:00a

### USING GEOSPATIAL DATA TO GENERATE A COMMON UNDERSTANDING OF THE ENVIRONMENT

*Tesla Government*

This session covers how unclassified reporting can feed geospatial tools to provide a common understanding of conflict-sensitive environments. Unclassified government reports, open-source information, threat reports, and humanitarian situation reports can be combined in one tool to provide government organizations the information needed to operate such an environment.

### NEIGHBORHOOD SPATIAL MODELING WORKSHOP

*KEYW Corporation*

This workshop provides participants the skills and tools to map and attribute neighborhood spaces within the urban zone by defining and incorporating social media, academic techniques, and open sources. Participants must have basic GIS skills, allowing them to understand and apply spatial primitives such as points, lines, and polygons in the construction of neighborhood boundaries.

### OPENSTREETMAP: SOURCE FOR WORLDWIDE, SEAMLESS, CROWDSOURCED GEOSPATIAL FEATURE DATA

*CACI*

OpenStreetMap (OSM) is a worldwide project to create and share seamless, integrated foundation geospatial data, and it has grown to collect data via 1.9 million registered contributors around the world. From this seminar, participants receive information, tools, and ideas that enhance their ability to use OSM to support mission objectives.

# TRAINING & EDUCATION SESSIONS

## FROM LANDNAV TO LESSONS LEARNED: THE IMPORTANCE OF GEO-SPECIFIC TERRAIN IN BUILDING REALISTIC TRAINING ENVIRONMENTS

*CGI Federal*

This session provides participants with an understanding of the power of geo-specific terrains in support of military training through various training visualization examples. Examples to be shown include the Farah Province friendly fire incident, the Battle of COP Keating, the Ambush in Ganjgal Valley, and more.

## HAND-HELD OPEN APERTURES: METHODS AND TECHNOLOGY & HAND HELD ISR—TRADITIONS AND FUTURE

*Red Hen Systems*

This session discusses mobile GEOINT by exploring how adding first-person viewpoints can be particularly useful. Participants will review the recent history, current practices, and near future for immersion, panography, point cloud, and other topics for ground imagery spatialists as related to mobile GEOINT.

## COMMERCIAL ELECTRO OPTICAL IMAGING

*USGIF EO Working Group*

This training includes modules discussing services available under NGA's EnhancedView contract; imagery use cases available and an overview of the RapidEye Constellation; an in-depth view of global change monitoring using RapidEye data; imagery processing services; satellite ground station services; and time dominant imagery analysis.

## MULTI-INT FUSION FOR ACTIVITY RECOGNITION FROM UNCOORDINATED SENSORS

*Aptima*

In this interactive workshop, Aptima and Kitware explore adapting the existing pipeline of sensor exploitation tools to reflect the shift in tasking and collection processes. The session addresses challenges and discusses examples from the GEOINT and space situational awareness communities.

**2:00-4:00p**

## INTRODUCTION TO SHORTWAVE INFRARED (SWIR) ANALYSIS TOOLS

*Exelis*

This workshop presents the core skills needed for understanding how to create real-world products from shortwave infrared (SWIR) spectral information, focusing on modules applied to urban mapping, wildfire mitigation, flooding, and disaster relief/humanitarian response. This course is designed for analysts with minimal spectral data experience.

## THE WORLD IN 3D: POINT CLOUD TECHNOLOGY

*Naval Postgraduate School*

This course illustrates the technologies used to obtain 3D point clouds and 3D measurements at high spatial resolution. The training reviews hardware technologies such as LiDAR, 3D models derived from electro-optical systems, and synthetic aperture radar. It also teaches classic photogrammetry and computer vision-based techniques.

## DEEP LEARNING ON GPUS: A BREAKTHROUGH IN IMAGE CLASSIFICATION

*NVIDIA*

This session introduces deep learning in the broader context of machine learning and the factors driving its success as well as the key phases and considerations of developing and deploying deep learning systems on graphics processing units (GPUs). In addition, learn how to leverage popular open-source, deep learning toolkits.

## ADVANCES IN GEOSPATIAL MAPPING TECHNOLOGIES TO SERVE DEFENSE AND HOMELAND SECURITY

*Woolpert*

This training provides a dynamic forum to address current advances in aerial geospatial sensor technology and data processing as it relates to the geospatial intelligence and defense communities. Among the topics presented are traditional and mobile LiDAR technologies, imaging sensors, and unmanned aerial systems.

## THE GEOGRAPHIC APPROACH AND SPATIAL LITERACY

*Esri*

Through interactive group discussion and example scenarios, participants gain an understanding of how spatial analyses and the geographic approach are used in many different disciplines around the world such as health, law enforcement, market analysis, defense, natural resources, planning, and more.

## THE DEVIL'S IN THE DATA: COMMERCIAL, COMBAT, AND POLICY APPLICATIONS FOR SPATIOTEMPORAL BIG DATA

*Northrop Grumman*

This interactive session outlines some of the major developments in data-driven and spatial analytics from the past 10 years, including lessons learned from the Iraq and Afghanistan battlefields. This seminar draws from on-the-ground experience in combat zones, law enforcement, and commercial analytics.

## GEOINT 101A: FUNCTION AND MISSION, USGIF AND THE INTELLIGENCE & SECURITY ACADEMY

*USGIF*

During this fast-paced course we will provide an overview of the function and mission of GEOINT as it is practiced today. A wide variety of example imagery, geospatial data, videos, and analytic outputs will be used to illustrate key points.

# TRAINING & EDUCATION SESSIONS

## THURSDAY, JUNE 25

7:00-9:00a

### UNDERSTANDING GEOCYBER POTENTIAL

*Innovative Analytics & Training*

This session explores the geospatial methods critical to solving the long-term challenges of cyber operations as well as looks at the unique contributions geography and geospatial methods have in cyber mission planning and operations. Participants learn how to leverage subject matter expertise across many disciplines through a range of discussions and exercises.

### A MULTI-TRADECREFT APPROACH TO EDUCATING THE GEOINT WORKFORCE

*National Geospatial-Intelligence College*

This session educates the analytic workforce on the GEOINT tradecraft used for defining and describing the environment, assessing threats and hazards, and developing analytic conclusions. This discussion looks at the National Geospatial-Intelligence College's approach and strategies in advancing the GEOINT tradecraft.

### USABILITY AND ACCESSIBILITY TRAINING FOR WEB-BASED GEOINT APPLICATIONS

*Next Century*

This presentation teaches participants how to avoid common pitfalls in usability engineering and how you can help improve your favorite GEOINT application. This training is open to anyone in the GEOINT Community but aimed toward project managers and system engineers.

### INSPECTOR DETECTOR: MOBILE APPLICATIONS AS INDICATORS OF GEOINT

*Raytheon BBN Technologies*

A democratization of geospatial information is rapidly occurring as more people carry more mobile devices. The presentation shares methods for analyzing app metadata in order to determine an app's geographical "affiliation." It also discusses research and methodology for analyzing mobile applications as indicators of GEOINT.

### THE PROMISE AND REALITY OF COGNITIVE COMPUTING

*IBM*

This session introduces participants to cognitive computing and encourages a discussion regarding long-term vision and future applications. It covers an introduction to cognitive computing, a look at deep question-answer systems, current and future applications, future trends, and cognitive computing education.

### GEOINT 101B: COLLECTION CAPABILITIES, USGIF AND THE INTELLIGENCE & SECURITY ACADEMY

*USGIF*

This two-hour session will cover the full range of geospatial intelligence collection systems, analysis, and applications. This is an overview of the full, two-day course and is designed as a survey course.

### SECURE BROADBAND IP OVER SATELLITE

*iDirect Government*

This program develops knowledge of global satellite networks, applications, and secure broadband IP over satellite as well as broadband for GEOINT via satellite. Review basic principles and learn the application. Those interested in improving knowledge of broadband IP via satcom are encouraged to participate.

1:00-3:00p

### EO AND SAR CONSTELLATION IMAGERY COLLECTION PLANNING TRAINING

*Orbit Logic*

By its very nature, the satellite imagery collection planning challenge is difficult. The solution space is extremely large, encompassing thousands of imaging orders and hundreds of variables related to the abilities of satellites, sensors, and ground networks. This training examines the collection planning challenge by covering models and constraints, imaging modes, planning timelines, and more.

### SPACE SYSTEMS VERIFICATION & VALIDATION

*Teaching Science and Technology*

This course provides participants with an overview of the processes, industry standards, information, and tools necessary to implement a credible verification and validation program for space systems. A fully functional hardware and software benchtop satellite, which has all of the major subsystems of any operational satellite, is examined during the training.

### CONCEPTUALIZING DATA INTERPRETATION WITH MULTI-DIMENSIONAL INTELLIGENCE

*BAE Systems*

This training offers a short tutorial in understanding methodologies for interacting with large volumes of data to enhance analysis. The course covers topics such as data mining, conditioning, descriptive analytics, visualization, and the facets of multi-dimensional intelligence networking.

### OPENSTACK, EUCALYPTUS, DOCKER: HOW OPEN-SOURCE TECHNOLOGIES ARE CHANGING THE INTELLIGENCE CLOUD LANDSCAPE

*HP*

This training guides the audience through open-source, cloud computing technologies such as OpenStack, Docker, and Eucalyptus, and it discusses the impact on the Intelligence Community. The presentation describes the compelling advantages of each technology and explains how they can be coupled to achieve tremendous value in mission environments.

### ENABLING PED AT THE TACTICAL EDGE

*General Dynamics*

This course provides an overview of tactical full-motion video (FMV) processing, exploitation, and dissemination (PED) concepts, capabilities, and workflows. Attendees are introduced to next-generation tactical PED software capabilities that utilize proven FMV exploitation workflows as well as integration with fielded enterprise class discovery and dissemination models.

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# NETWORKING EVENTS

## MONDAY, JUNE 22

7:30- 4:30p

### ALLDER GOLF CLASSIC

1757 Golf Club in Dulles, VA

Join the Community for a day of networking on the links and support geospatial education. The Alder Golf Classic, named in honor of William R. Alder Jr., helps fund the USGIF Scholarship Program. Since 2004, USGIF has awarded \$792,000 in scholarships to deserving students pursuing education excellence in fields related to the GEOINT tradecraft.

1757 Golf Club's par-70, 6,600-yard layout is a shot-maker's dream. Routed through gently rolling terrain with elevation changes up to 30 feet, 1757 features dramatic views of Broad Run and the majestic Virginia landscape, along with strategically placed bunkers, streams, and lakes – plenty of hazards to test your cartographic and geospatial knowledge.

## TUESDAY, JUNE 23

4:00-5:00p

### EXHIBIT HALL NETWORKING RECEPTION

Exhibit Hall

Celebrate opening day in the exhibit hall with a late afternoon networking reception. Enjoy food and refreshments while visiting 280+ exhibitors.

5:00-7:00p

### GEOINT 2015 WELCOME CELEBRATION

Hall C

Discuss the first day of GEOINT 2015 and connect with colleagues at the welcome celebration. Network with peers while enjoying food, beverages, and entertainment.

## WEDNESDAY, JUNE 24

4:00-5:00p

### EXHIBIT HALL NETWORKING RECEPTION

Exhibit Hall

Wednesday's agenda concludes with a networking reception in the exhibit hall. Enjoy refreshments while connecting with colleagues old and new.

## THURSDAY, JUNE 25

12:30-3:00p

### FAMILY DAY

Exhibit Hall

When the general sessions break for lunch, attendees are encouraged to bring their families to explore the GEOINT 2015 exhibit hall. Spouses and kids of all ages are invited to walk around the exhibit hall and take part in the afternoon reception before the baseball game. Interactive activities and hundreds of booth giveaways are sure to "wow" the kids, and provide the family a little more insight into the world of GEOINT.

1:00-3:00p

### SCAVENGE DASH

Halls A-B

2:00-3:00p

### EXHIBIT HALL NETWORKING RECEPTION

Exhibit Hall

Join us one last time in the exhibit hall as GEOINT 2015 comes to a close. This will be your last opportunity to catch up with colleagues, make new business partners, and see the offerings in the exhibit hall.

Game begins at 4:05p

### NATIONALS BASEBALL GAME

Nationals Park

Experience America's pastime in the nation's capital! USGIF has reserved a limited number of tickets for the Washington Nationals vs. Atlanta Braves baseball game. Tickets are \$30 per person and include a \$15 food and drink credit. Seats are in the Scoreboard Pavilion Sections 239-243. Tickets can be purchased on the registration site.

Nationals Park is accessible via the DC Metrorail. Hop on the metro green line at the Mt Vernon Sq./7th Street Convention Center and ride just five stops to the Navy Yard-Ballpark stop.

You and your family won't want to miss this fun afternoon with the Community.



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# SPEAKER BIOGRAPHIES

## GOVERNMENT PAVILION STAGE

### DAVID ALEXANDER

*Geospatial Information Officer; and Director, DHS Geospatial Management Office*

Mr. Alexander's career in the geospatial information field spans more than 3 decades. He assumed responsibility for the DHS Geospatial Management Office in 2012 after having spent 4 years in senior leadership roles with the DHS OCIO. He has practical experience at the local, state, federal, and private sectors levels including serving as the Deputy Chief for FEMA Enterprise Geospatial Services, Chief of Digital Cartography for the State of South Carolina providing leadership to support statewide geospatial public safety and emergency management activities, and private sector corporate experience. Mr. Alexander has lead several national initiatives including the Homeland Security Geospatial Concept of Operations (GeoCONOPS), the DHS Geospatial Information Infrastructure (GI), the Homeland Infrastructure Foundation Level Data Working Group (HIFLD), the US Department of Labor's CareerOneStop Service Locator system supported under grant to the State of Minnesota, technical lead for the Department of Health and Human Services Secretary's Operations Center's Response technologies program, and administered the Statewide E-911, Legislative redistricting, and health and demographic mapping programs at the State of South Carolina. Mr. Alexander holds several advanced degrees encompassing History, Geography, and Business Management.

## MASTER OF CEREMONIES

### ADMIRAL THAD ALLEN

*Former Commandant, U.S. Coast Guard*



Admiral Thad W. Allen assumed the duties of the 23rd Commandant of the U.S. Coast Guard on May 25th, 2006. During his tenure as the top officer of the nation's oldest continuous sea service he led the effort to reform and modernize all aspects of the Coast Guard, thereby "improving and sustaining Mission Execution." As Admiral Allen continually stated his ultimate aim was to make the Coast Guard a "change-centric" organization capable of quickly and efficiently adapting to meet the growing and ever-changing demands of the future. Additionally he was the first high-ranking member of the Federal government to embrace social media, pioneering the effort to connect to his audience through all manners of digital technology.

## GOVERNMENT PAVILION STAGE

### THE HONORABLE THOMAS M. BATTLE, JR.

*Mayor, City of Huntsville*

Mayor Tommy Battle was re-elected in August 2012 by an unprecedented 81 percent of the vote. Now in his second term, Mayor Battle continues his laser focus on fiscal responsibility. Through his leadership, Huntsville has earned AAA credit ratings for the past six years -a distinction held by a small percentage of municipalities in the U.S. Dedicated to creating jobs and diversifying Huntsville's economic base, Mayor Battle is committed to his GEO, Cyber, Energy and Biotech initiatives, which aggressively work to unite the City's rich intellectual capital with new opportunities. The Mayor's goal is to make the best possible use of Huntsville's collective brainpower to ensure that the City becomes a global leader in research and development. Mayor Battle believes Huntsville's continued success is a result of its ability to think long-term, and he has directed the City's planning department to enjoin the community in a comprehensive master plan that will map the city's future for decades to come.

## KEYNOTE

### ROBERT CARDILLO

*Director, NGA*



Mr. Robert Cardillo is the sixth Director of the National Geospatial-Intelligence Agency (NGA). Mr. Cardillo leads and directs NGA under the authorities of the Secretary of Defense and Director of National Intelligence. He became NGA's director on Oct. 3, 2014. Prior to this assignment, Mr. Cardillo served as the first Deputy Director for Intelligence Integration, Office of the Director of National Intelligence, from 2010 to 2014. In addition, he served as the Deputy Director of the Defense Intelligence Agency (DIA) and the Deputy Director for Analysis, DIA, from 2006 to 2010. In the summer of 2009, Mr. Cardillo served as the Acting J2, a first for a civilian, in support of the Chairman of the Joint Chiefs of Staff. Before he moved to DIA, Mr. Cardillo led Analysis and Production as well as Source Operations and Management at NGA from 2002 to 2006. Mr. Cardillo's leadership assignments at NGA also included Congressional Affairs, Public Affairs, and Corporate Relations.

# SPEAKER BIOGRAPHIES

## GOVERNMENT PAVILION STAGE

### MARK CHOINIÈRE

*Acting Director, InnoVision Directorate, NGA*

Mark J. Choiniere is the Acting Director of InnoVision Directorate, National Geospatial-Intelligence Agency (NGA), responsible for leading Research and Development and Science and Technology investments. He previously served as the Director, InnoVision Advanced Development Office and as the NGA Senior Liaison to the National Reconnaissance Office (NRO) Advanced Systems & Technology Directorate. Prior assignments include Technical Executive, Analysis & Production Directorate, Deputy Director Analysis & Integration Center (Office of Special Projects,) Director, Persistent Surveillance Office, Chief, Space Base Radar Division, Persistent Surveillance Office, and Chief, Future Concepts Branch, InnoVision Directorate. Mr. Choiniere was appointed to the Defense Intelligence Senior Level in 2003. Prior to joining NGA he served as an Army Civilian Special Projects and Tactical Exploitation of National Capabilities (TENCAP), Research, Development, Test and Evaluation officer, Fort Huachuca, Arizona. Subsequent to this assignment he served in a variety of contract positions supporting the Joint Interoperability Test Command, the Joint Theater Air and Missile Defense Organization (Joint Staff, J-8), NRO and the National Imagery and Mapping Agency.

## KEYNOTE

### THE HONORABLE JAMES R. CLAPPER

*Director of National Intelligence*



The Honorable James R. Clapper was sworn in as the fourth Director of National Intelligence (DNI) on August 9, 2010. As DNI, Mr. Clapper oversees the United States Intelligence Community and serves as the principal intelligence advisor to the President. Prior to becoming the Director of National Intelligence, Mr. Clapper served for over three years in two Administrations as the Under Secretary of Defense for Intelligence, where he served as the principal staff assistant and advisor to the Secretary and Deputy Secretary of Defense on intelligence, counterintelligence, and security matters for the Department. In this capacity, he was also dual hatted as the Director of Defense Intelligence for DNI. Mr. Clapper earned a bachelor's degree in government and politics from the University of Maryland, a master's degree in political science from St. Mary's University, San Antonio, Texas, and an honorary doctorate in strategic intelligence from the then Joint Military Intelligence College.

## GOVERNMENT PAVILION STAGE

### IVAN B. DeLOATCH

*Executive Director, Federal Geographic Data Committee (FGDC)*

Mr. Ivan B. DeLoatch serves as the Executive Director for the Federal Geographic Data Committee (FGDC) Secretariat, which supports the FGDC and its responsibilities. The FGDC leads and supports the National Spatial Data Infrastructure Strategy and Federal spatial data policy. The FGDC is an interagency committee that promotes the coordinated development, use, sharing, and dissemination of geospatial data on a national basis. Mr. DeLoatch has over thirty-five years of experience in environmental and geospatial program policy serving at all levels of government and the private sector. He has served in many leadership roles on interagency and international committees addressing geospatial and earth observation technical and policy issues in the use and coordination of geospatial data and information. He earned his Bachelor of Science degree from Bowie State University in the University of Maryland System.

## MASTER OF CEREMONIES

### THE HONORABLE JOAN A. DEMPSEY

*USGIF Board of Directors*



Ms. Joan Dempsey is an Executive Vice President in Booz Allen Hamilton's defense business where she leads firm-wide growth and functional integration initiatives. Previously, she led the firm's largest defense and intelligence accounts and was responsible for strategic development, execution, and day-to-day operations in each account. She is a member of the firm's Sensitive Risk Review Board and for several years led the firm's participation in the Aspen Ideas Fest where she continues as a frequent panelist on defense issues, cybersecurity and cyber operations, and women in leadership panels. During a 25-year career in the federal government, she held political appointments twice: first, in the Clinton Administration upon Senate Confirmation, she served as the Deputy Director of Central Intelligence for Community Management; and, in the Bush Administration as the Executive Director of the President's Foreign Intelligence Advisory Board.

# SPEAKER BIOGRAPHIES

## GOVERNMENT PAVILION STAGE

### GARY DUNOW

*Director, Analysis Directorate, NGA*

Mr. Gary L. Dunow is the Director of the Analysis Directorate and Portfolio Manager for the Analytic Capabilities Portfolio at the National Geospatial-Intelligence Agency. As Director of Analysis, he is responsible for leading NGA's geospatial-intelligence analytic capabilities and resources as well as modernizing NGA's analytic effort toward the future as outlined in the NGA Strategy. Prior assignments include Deputy Director, Analysis; Deputy Director, International Affairs; and Deputy Director, Expeditionary Operations under the Office of the Director of Military Support. Mr. Dunow deployed as the lead for GEOINT support to counterterrorism operations in Iraq. Previously, he was the Deputy Chief of the Community Governance Division, Office of Geospatial Intelligence Management, National Geospatial-Intelligence Agency. In this position, he was responsible for all aspects of National System for Geospatial Intelligence (NSG) policy, the NSG requirements process, NSG governance activities, and implementation of community-vetted GEOINT solutions to technical and operational problems. Mr. Dunow spent the first five years of his NGA career in the Source Operations and Management Directorate where he directed numerous operational activities, multi-INT programs and community-wide GEOINT collection and analytic initiatives. Mr. Dunow entered the Executive Service in 2008.

## GOVERNMENT PAVILION STAGE

### DR. JOSEPH F. FONTANELLA

*Director, U.S. Army Geospatial Center (AGC); and Geospatial Information Officer, U.S. Army*

Dr. Joseph F. Fontanella was selected to the Senior Executive Service in January 2011 to serve as the Director of the U.S. Army Geospatial Center in Alexandria, Virginia. The Army Geospatial Center is the Army's knowledge center for geospatial expertise and provides geospatial information reach-back capability to field units. As Director, he is responsible for supporting the operations, intelligence, acquisition, research & development and modeling & simulation communities with geospatial information. The Center focuses on the development, exploitation, production, and distribution of topographic, geodetic, and geospatial information, tools and services for the Army and other Department of Defense and National programs. The Center has forward deployed and reach back elements conducting the collection, dissemination and analysis of Geospatial data supporting units in contact; provides direct acquisition support to multiple Program Executive Officers and Program Managers involved in national and tactical programs; and conducts research into Geospatial data management, information constructs, data generation, enterprise technology, applications and sensors.

## PANELIST

### COLONEL JOSEPH R. FUENTES

*Superintendent, New Jersey State Police*



Colonel Joseph R. "Rick" Fuentès was nominated by Governor James McGreevey to become the 14th superintendent of the New Jersey State Police and was confirmed on June 2, 2003. Fuentès enlisted in the state police in January 1978, serving several postings as a general road duty trooper. He served as instructor in the training academy and then as a detective and supervisor in a variety of assignments that included the FBI/NJSP Joint Terrorism Task Force, the Intelligence Bureau, and Street Gang Unit. Prior to his nomination as superintendent, he was assigned as chief of the Intelligence Bureau, overseeing nine units within the Intelligence Section. In 1993, as a result of several narcotics investigations, he was a co-recipient of the Trooper of the Year award. Fuentès holds a doctorate's degree in criminal justice from the City University of New York. He is a member of the U.S. Attorney General's Global Advisory Committee, a member of the Homeland Security and Law Enforcement Partner's Group of the Office of the Director of National Intelligence, and an appointed member of Harvard University's Executive Session on Policing and Public Safety.

## GOVERNMENT PAVILION STAGE

### MIKE GEGGUS

*Industry Innovation Advocate*

Michael E. "Mike" Geggus is NGA's Industry Innovation Advocate, Office of Deputy Director. Mike is NGA's responsible senior executive steward to improve the speed of innovation between industry and NGA. Mike is a bridge-builder, actively engaging industry to seek out challenges and find solutions that facilitate more effective relationships between NGA and industry. Mike is also dot-connector and principal activist for unifying NGA's industry engagement strategy through clear objectives and goals that foster improved integration performance. Mr. Geggus served for more than 21 years as a Scientific Applications Specialist in the U.S. Air Force (USAF) where he had the opportunity to work within MASINT disciplines.

# SPEAKER BIOGRAPHIES

## PANELIST

### REAR ADM. SCOTT F. GIBERSON

*Commander, Commissioned Corps' Ebola Response in West Africa; and Director, Division of Commissioned Corps Personnel and Readiness (DCCPR), Department of Health and Human Services (HHS)*



As Director, Division of Commissioned Corps Personnel and Readiness (DCCPR), Rear Admiral Scott F. Giberson serves as Chief Executive Officer of the 6,700-plus members of the USPHS Commissioned Corps and provides direction and control over the majority of Corps Headquarters, including policy, readiness, and all human resource operations. Currently, RADM Giberson is also the overall Commander, Commissioned Corps' Ebola Response in West Africa. In both roles, he maintains effective relationships and collaborations with executive leadership within the U.S. Government.

## GOVERNMENT PAVILION STAGE

### JOHN GOOLGASIAN

*Director, Source Operations and Management Directorate, NGA*

Mr. Goolgasian is currently the Director of NGA's Source Operations and Management Directorate. He was selected for this position in September 2014. Before this appointment, Mr. Goolgasian served as the Deputy Director of NGA's Source Operations and Management Directorate from May 2014. Mr. Goolgasian was the Director of the Foundation GEOINT Group in Source from February 2012 to May 2014. He served in two successive roles leading the implementation of the NGA Vision; he was the Deputy Lead for the Online GEOINT Services Strategic Initiative and the Implementation Lead for Analytic Depth prior to joining Source. Mr. Goolgasian was the Director of the Office of Counterterrorism from October 2008 through December 2010. He served as a loaned executive to the US Coast Guard as the Senior Advisor to the Assistant Commandant for Intelligence and Criminal Investigation in 2008. From November 2005 through April 2008, Mr. Goolgasian served as the Deputy Director and the Director of the Office of Americas. He achieved Senior status in January 2005.

## GOVERNMENT PAVILION STAGE

### SUSAN M. GORDON

*Deputy Director, NGA*

Susan (Sue) Gordon became the National Geospatial-Intelligence Agency's (NGA) sixth Deputy Director on Jan. 1, 2015 after more than 25 years of service with the Central Intelligence Agency. As deputy director of NGA, she assists the director in leading the agency and in managing the National System of Geospatial Intelligence. Ms. Gordon previously served concurrently as Director of the CIA's Information Operations Center and as the CIA Director's senior advisor on cyber. She was responsible for fully integrating advanced cyber capabilities into all of CIA's mission areas, while protecting against the cyber threat to the CIA's information, operations and officers.

## PANELIST

### BRIAN HAGAN

*Officer for Geography and Cartography, Source Operations Management Directorate, NGA*



Mr. Brian Hagan is the National Geospatial-Intelligence Officer for Geography and Cartography within NGA's Source Operations Management Directorate. As such he represents the Director of NGA on geographic issues including Geographic Names, Boundaries, Topography and Human Geography. He has over 30 years of experience in the intelligence field and holds a master's degree in strategic intelligence (MSSI) from the National Intelligence University.

## MASTER OF CEREMONIES

### THE HONORABLE JEFFREY K. HARRIS

*Chairman, USGIF Board of Directors*



Jeffrey K. Harris was elected Chairman of the Board of Directors on 15 April 2014. He has contributed to U.S. national security in both Government and Industry for 39 years where he has fostered new technologies, programs and capabilities that have contributed significantly to US national security capabilities. He currently consults with industry and the US Government. He is retired from Lockheed Martin, where he was a corporate officer and served as President of Lockheed Martin Missiles and Space and President of Lockheed Martin Special Programs. Also, he served as President of Space Imaging, the first company to commercially provide high-resolution satellite imagery and information.

# SPEAKER BIOGRAPHIES

## GOVERNMENT PAVILION STAGE

### KARYN HAYES-RYAN

*Director, NSG Program Management Office,  
Technical Services Directorate, NGA*

Ms. Karyn Hayes-Ryan serves as NGA's Component Acquisition Executive. In that role, she advises and assists the NGA Director, Deputy Director and Portfolio Managers to ensure that all NSG and ASG acquisition activities support the GEOINT Mission. She is responsible for monitoring the performance of NGA programs, managing the direction of acquisition policy, and maintaining an acquisition career program. Karyn also serves as the Director of the NSG Program Management Office. She provides strategic oversight for the overall NSG acquisition program, providing information technology services that satisfy mission needs of the Geospatial-Intelligence community within established cost, schedule, and performance parameters. There she is responsible for programmatic and technical oversight for all NSG and ASG systems and future procurements; this includes the IT Oversight, Mission Outcomes and NGA Expeditionary Activities Offices.

## GOVERNMENT PAVILION STAGE

### MICHAEL HOWELL

*ISE Deputy Program Manager and Director Classified Information  
Sharing and Safeguarding Office (CISSO)*

Mr. Michael Howell is the Principal Deputy Program Manager for the Information Sharing Environment, the national office for responsible information sharing. Mr. Howell was previously Deputy Administrator for E-Government and IT at OMB where he supported the 2008 Presidential transition and IT management reforms. He was CIO at the Interior Department, the U.S. Fish and Wildlife Service, and the Bureau of Land Management. He worked in BLM's headquarters and multiple field offices and began his career with the U.S. Forest Service. Mr. Howell graduated from Penn State with a Forest Science degree and completed the National Defense University CIO certification and ISC2 Certified Information System Security Professional certificate programs.

## GOVERNMENT PAVILION STAGE

### CATHERINE JOHNSTON

*Chair, IC ITE Mission User Group; and Director for Analysis, DIA*

Ms. Catherine Johnston was appointed Director for Analysis (DI), Defense Intelligence Agency (DIA), in October 2012. She leads DIA's all-source analytic effort, responsible for producing national Defense Intelligence to develop and execute the National Security Strategy. As DI, she also serves as Functional Manager for All-Source Analysis for the Defense Intelligence Enterprise, which includes DIA, the services, and the combatant commands, and chairs the Intelligence Community Information Technology Environment (IC-ITE) Mission Users Group. From January 2011 to September 2012, Ms. Johnston served as National Intelligence Manager– East Asia in the Office of the Director of National Intelligence (ODNI), where she oversaw and led the Intelligence Community's efforts on East Asia. Prior to assuming her position at ODNI, she was Asia Mission Manager in the Directorate for Science and Technology at the Central Intelligence Agency.

## KEYNOTE

### ROBERT D. KAPLAN

*Author, "The Revenge of Geography," Senior Fellow, CNAS*



Robert D. Kaplan is the bestselling author of fifteen books on foreign affairs and travel translated into many languages, including *Asia's Cauldron*, *The Revenge of Geography*, *Monsoon*, *Balkan Ghosts*, and *Eastward to Tartary*. He is a senior fellow at the Center for a New American Security in Washington and a contributing editor at *The Atlantic*, where his work has appeared for three decades. He was chief geopolitical analyst at Stratfor, a visiting professor at the United States Naval Academy, and a member of the Pentagon's Defense Policy Board, appointed by Secretary of Defense Robert Gates. *Foreign Policy* magazine twice named him one of the world's "Top 100 Global Thinkers." In 2004, Kaplan was given the Distinguished Alumni Award by the University of Connecticut. In 2009, he was given the Benjamin Franklin Public Service Award by the Foreign Policy Research Institute in Philadelphia.

# SPEAKER BIOGRAPHIES

## PANELIST

### DR. MELINDA LAITURI

*Jefferson Science Fellow, Humanitarian Information Unit, Department of State*



Dr. Melinda Laituri currently a Jefferson Science Fellow working at the State Department in the Humanitarian Information Unit. She is a professor of geography in the Department of Ecosystem Science and Sustainability at

Colorado State University and the Director of the Geospatial Centroid at CSU.

## PANELIST

### MICHAEL E. LEITER

*Former Director, National Counterterrorism Center; Executive Vice President for Business and Development and Strategy, Leidos*



Michael Leiter serves as the Executive Vice President for Business Development and Strategy for Leidos. In this position Mike reports to the Leidos Chief Executive Officer and is responsible for all Leidos business development,

strategy development and execution, mergers and acquisitions, government affairs, and communications. Prior to joining Leidos, Mike served as Head of Global Government & Commercial Cyber Operations, and Senior Counselor to the Chief Executive Officer, of Palantir Technologies, which specializes in big data analytics for governments and private enterprise and is one of the largest private technology companies in the United States. Before entering the private sector, Mike served as the Director of the National Counterterrorism Center (NCTC) from 2007 until 2011, having been nominated to the position by President George W. Bush and confirmed unanimously by the U.S. Senate. Mike was one of the few senior national security officials asked to continue in his position by President Barack Obama. As the Director of NCTC, Mike led the primary organization in the U.S. government for analysis and integration of all terrorism intelligence, both domestically and overseas.

## KEYNOTE

### THE HONORABLE MARCEL LETTRE

*Acting Under Secretary of Defense for Intelligence*



Marcel Lettre is currently Acting Under Secretary of Defense for Intelligence. He was nominated by President Obama as the Principal Deputy Under Secretary of Defense for Intelligence (PDUSDI) and unanimously confirmed by the

United States Senate in October 2013. As the Acting USDI, Secretary Lettre is the principal intelligence advisor to the Secretary of Defense. From 2011-2013, Secretary Lettre served as a Special Assistant to Secretaries of Defense Chuck Hagel, Leon Panetta, and Bob Gates, serving as Deputy Chief of Staff to Secretary Panetta. He also led both the Gates-Panetta and Panetta-Hagel transition teams. From 2009-2011, he served as Principal Deputy Assistant Secretary of Defense for Legislative Affairs. In these roles, he supported the Secretary of Defense on defense strategy and budget development, crisis management, cyber initiatives, sensitive intelligence and counterterrorism operational decisions, significant acquisition and R&D investments, and strategic nuclear and arms control matters.

## KEYNOTE

### GENERAL STAN McCHRISTAL (RET.)

*Former Commander, U.S. and International Security Assistance Forces, ISAF*



A retired four-star general, Stanley McChrystal is the former commander of U.S. and International Security Assistance Force Afghanistan and Joint Special Operations Command. General McChrystal is the Co-Founder of McChrystal

Group, LLC, and a senior fellow at Yale University's Jackson Institute for Global Affairs, where he teaches a course on Leadership in Operation. He is also the Chairman of the Aspen Institute's Franklin Project, dedicated to promoting national service initiatives among American youth. General McChrystal resides in Alexandria, Virginia, with his wife of 37 years, Annie.



# SPEAKER BIOGRAPHIES

## GOVERNMENT PAVILION STAGE

### DOUG McGOVERN

*CIO & Director, Technical Services Directorate, NGA*

Mr. Douglas P. McGovern is currently serving as the Chief Information Officer and Director of Information Technology Services for the National Geospatial-Intelligence Agency (NGA). Mr. McGovern previously served as the Director and Deputy Director of InnoVision where he championed alignment of the Science, Research and Technology portfolio to drive the future capabilities of GEOINT. Prior to that assignment, Mr. McGovern served as the Deputy Chief Operating Officer in direct support to the Director of NGA in daily management and coordination of agency operations across all Key Components. Mr. McGovern also served a two year joint duty assignment at the Office of the Director of National Intelligence as the IC Chief Architect and Associate Deputy Director for Information Integration Oversight and Engineering. In this capacity, Mr. McGovern led the development of the IC Joint Architecture Reference Model, the IC Information Assurance Architecture and championed the development, deployment and 24X7 operation of community technical services, including the suite of Intelink services.

## GOVERNMENT PAVILION STAGE

### KEVIN P. MEINERS

*Assistant Director of National Intelligence for Acquisition, Technology and Facilities, Office of the Director of National Intelligence (ODNI)*

Mr. Kevin P. Meiners joined the Office of the Director of National Intelligence (ODNI) in July 2013. Mr. Meiners is the Assistant Director of National Intelligence for Acquisition, Technology and Facilities. In this capacity, he is responsible to the Director of National Intelligence for all matters pertaining to Acquisition, Research & Technology, and Facilities for the National Intelligence Program (NIP). Mr. Meiners began his career as a GS-5 electronics engineer at the Space and Naval Warfare Systems Command (SPAWAR) where he worked on various communications and signals intelligence “Black Box” systems. After SPAWAR, Mr. Meiners moved to Naval Air Systems Command (NAVAIR), cutting his program management “teeth” on such programs as VPU Special Projects and the EP-3E airborne reconnaissance aircraft. Throughout his career, Mr. Meiners has served in a variety of leadership positions within the Intelligence Community.

## PANELIST

### ED MORNSTON

*Chief of Staff, NGA*



Mr. Ed Mornston serves as the National Geospatial-Intelligence Agency’s (NGA) Chief of Staff. In this role, he is a member of NGA’s executive leadership team and its third ranking officer responsible for daily agency operations.

Mr. Mornston oversees the Agency’s executive support staff, administrative services, logistics, personnel security, human resources, employee training and development, corporate communications, and congressional engagement. Previously, Mr. Mornston was the Director of the Human Development Directorate, where he managed the Agency’s workforce planning, talent management, human relations operations, training and education, and leader development activities. Additionally, he was the chair of the Human Capital Management Board and the head of the Human Capital Career Service. Mr. Mornston also served as Director, NGA-Denver, at the Aerospace Data Facility – Colorado. This multi-agency intelligence operations center brings together mission partners from across the US Intelligence Community, the Department of Defense, and our allies, to produce integrated outcomes for a wide variety of customers.

## WELCOME

### DR. DARRYL MURDOCK

*Vice President of Professional Development, USGIF*



Darryl brings to the United States Geospatial Intelligence Foundation over 18 years’ experience as a geosciences professional and remote sensing scientist. Darryl’s robust practical experience and detailed theoretical

understanding of commercial airborne and satellite-based active imaging and passive sensors and sound mapping science concepts has resulted in several publications, including “Airborne DIAL (Differential Absorption LiDAR) for broad area hazardous liquid leak detection.” Darryl began his career as a U.S. Army Aviation Officer, serving as platoon leader and Battalion Flight Operations Officer. As such he was responsible for all aviation matters, including pilot training, staffing, maintenance and spares. Post service, Darryl co-founded Highland Geographic, a Geographic Information Systems and remote sensing applications development company.

# SPEAKER BIOGRAPHIES

## KEYNOTE

### REP. DEVIN NUNES

*Chairman, House Permanent Select Committee on Intelligence*



Devin Nunes (born October 1, 1973) has served in the U.S. House of Representatives since 2003. He currently represents California's 22nd congressional district, which is located in the San Joaquin Valley and includes portions of Tulare and Fresno Counties. He and his wife have three daughters. Nunes is Chairman of the House Permanent Select Committee on Intelligence and a member of the Ways and Means Committee, having previously served as Chairman of the Ways and Means Subcommittee on Trade. He is the author of the book "Restoring the Republic," which was published in September 2010. Nunes was appointed to the House Permanent Select Committee on Intelligence in the 112th Congress and became its chairman in the 114th Congress. He was appointed to the Ways and Means Committee in the 109th Congress and currently serves as a member of the Trade and Health Subcommittees, having served as Chairman of the Trade Subcommittee in the 113th Congress. Nunes previously served as a member of the House Budget Committee during the 111th Congress. In the 108th Congress, his first term in the House of Representatives, he served on the House Resources Committee, where he was chairman of the National Parks Subcommittee, and on the Agriculture and Veterans Affairs committees.

## GOVERNMENT PAVILION STAGE

### NICOLE PIERCE

*Senior Procurement Executive, Office of Contract Services Directorate, NGA*

Ms. Pierce was appointed as the Senior Procurement Executive (SPE), Office of Contract Services (OCS) at the National Geospatial-Intelligence Agency (NGA) in September 2014 under a joint duty assignment. In this capacity, she is responsible for management direction of NGA's acquisition system, including implementation of unique acquisition policies, regulations, and standards. Ms. Pierce serves as the Director of NGA's interlocutor with external contract oversight organizations and is a member of the Intelligence Community's Procurement Executives Council. Ms. Pierce also serves as the Head of the Contracting Activity. Prior to assuming the SPE role at NGA, Ms. Pierce served at the National Counterterrorism Center as its Chief Information Officer (July 2012-September 2014) responsible for a 300+ person organization delivering world-class IT solutions to strengthen NCTC's core capabilities and expertise and provide value to the broader CT community and its Chief of Support and Business Manager (April 2010 – July 2012), responsible for all business and financial operations.

## GOVERNMENT PAVILION STAGE

### KEVIN POMFRET

*Executive Director, The Centre For Spatial Law and Policy*

Mr. Pomfret is the founder and Executive Director of the Centre for Spatial Law and Policy, a non-profit organization with a mission to educate the geospatial community on the policy and legal issues that impact the collection, use, storage and distribution of location and other types of geospatial information. He is also a Partner at the Williams Mullen law firm where he advises business and governments on regulatory matters, licensing, privacy and data protection, information security and corporate transactions. Mr. Pomfret has given talks around the world on matters of spatial law and policy and writes regularly on issues of privacy, licensing, national security and liability issues and the use of geospatial technology in the courtroom and is the principal author of chapter on location privacy in the United States in *Geographic Data and the Law: Defining New Challenges*. Mr. Pomfret has been involved in geospatial technology for over 25 years, beginning his career as a satellite imagery analyst where he helped to develop imagery collection strategies to monitor arms control treaties and identify requirements for future collection systems. He is a member of the Board of Directors of the Open Geospatial Consortium (OGC) and was appointed to the National Geospatial Advisory Committee (NGAC).

## PANELIST

### JUSTIN POOLE

*Director, Xperience Directorate, NGA*



Mr. Poole is the Director, Xperience Directorate, and is responsible for enhancing the users experience through online, on-demand GEOINT services that provide access to content, expertise, and applications. Mr. Poole is also dual hatted as the Customer Service Portfolio Manager. Mr. Poole returned to NGA from his second Joint Duty Assignment as the Associate Deputy Director IMINT, National Reconnaissance office. In this capacity, he was responsible for assisting the Director IMINT in establishing the organizational strategic direction, managing the day-to-day operations, and strengthening mission partner relationships. Prior to this position, Mr. Poole served as the Deputy Program Manager for the National System of Geospatial Intelligence (NSG). In this capacity, he supported the Director, Acquisition, in the oversight, guidance, and advocacy for capability integration into the broader NSG as well as the NSG Program Manager in policy formulation, execution, analysis, and reporting against established NSG cost, schedule, and performance baselines.

# SPEAKER BIOGRAPHIES

## PANELIST

### **GORDON ROESLER, Ph.D.**

*Program Manager, Tactical Technology Office, DARPA*



Dr. Gordon Roesler is a Program Manager in DARPA's Tactical Technology Office where he is developing the capability to provide robotic servicing to geostationary satellites. This is Dr. Roesler's second sojourn as a Program Manager with DARPA; during his previous term 2002-2006, he originated DARPA's development of robotics specifically to service GEO satellites not specially modified for servicing. This included the Spacecraft for the Universal Modification of Orbits (SUMO) and Front-End Robotics Enabling Near-term Demonstration (FREND) programs. His other research interests have included robotic naval vehicles, sensor systems, underwater acoustics, and electric power generation, storage and control. He holds the Ph.D. in Physics from MIT and the B.S. in Physics from the U.S. Naval Academy.

## KEYNOTE

### **ADMIRAL MICHAEL S. ROGERS**

*Commander, USCYBERCOM; and Director, NSA/Chief, CSS*



Adm. Rogers is a native of Chicago and attended Auburn University, graduating in 1981 and receiving his commission via the Naval Reserve Officers Training Corps. Originally a surface warfare officer (SWO), he was selected for re-designation to cryptology (now Information Warfare) in 1986. He assumed his present duties as Commander, U.S. Cyber Command and Director, National Security Agency/Chief, Central Security Service in April 2014. Since becoming a flag officer in 2007, Rogers has also served as the director for Intelligence for both the Joint Chiefs of Staff and U.S. Pacific Command, and most recently as Commander, U.S. Fleet Cyber Command/U.S. TENTH Fleet. Rogers is a distinguished graduate of the National War College and a graduate of highest distinction from the Naval War College. He is also a Massachusetts Institute of Technology Seminar XXI fellow, Harvard Senior Executive in National Security alum, and holds a Master of Science in National Security Strategy.

## GEOINT FOREWORD KEYNOTE

### **DR. STEVEN K. ROGERS**

*Air Force Senior Scientist for Automatic Target Recognition and Sensor Fusion, Air Force Research Laboratory (AFRL)*



Dr. Steven K. Rogers is the Senior Scientist for Automatic Target Recognition and Sensor Fusion, Air Force Research Laboratory, Wright-Patterson AFB, Ohio. He serves as the principal scientific authority and independent researcher in the field of multi-sensor automatic target recognition and sensor fusion. Dr. Rogers initiates, technically plans, coordinates, evaluates, and conducts research and development to advance the knowledge of interdisciplinary ATR and sensor fusion systems for all Air Force aircraft, missile and space systems. He leads collaboration across AFRL in object detection, tracking, geo-location, identification and supporting technologies. He also conducts research and development activities in the broad area of ATR and sensor-fusion technology including phenomenology modeling, model-based and learning algorithms, evaluation and tracking. Dr. Rogers also conducts research and development in image and signal processing, synthetic target and scene modeling, resource allocation and evidence accrual aimed at decreasing the cost and improving the performance of Air Force and Department of Defense systems.

## GOVERNMENT PAVILION STAGE

### **CINDY RYAN**

*General Counsel, Office of General Counsel, NGA*

Cynthia R. Ryan is the National Geospatial-Intelligence Agency (NGA) General Counsel responsible for providing advice on all legal issues in the agency's conduct of its worldwide mission. The NGA is a Department of Defense combat support agency and a national intelligence agency. She also is the legal advisor to the NGA Director, the NGA Designated Agency Ethics Official, and responsible for the NGA Intelligence Oversight Program. Previously, Ms. Ryan was the Chief Counsel of the Drug Enforcement Administration (DEA). Also, during her total 17 years with DEA, she was a staff attorney in the Criminal Law Section, established and was the first chief of the International Law Section, and Special Counsel. During her tenure, she participated in several Intelligence Community (IC) and law enforcement working groups to enhance intelligence sharing and operations among the law enforcement, intelligence, and defense communities. Before joining DEA, Ms. Ryan was a Trial Attorney in the Criminal Division of the U.S. Department of Justice, Staff Counsel on the U.S. Senate Permanent Subcommittee of Investigations, and a Deputy Attorney General (Criminal Division) for the State of Delaware.

# SPEAKER BIOGRAPHIES

## KEYNOTE

### BETTY J. SAPP

*Director, National Reconnaissance Office*



Betty Sapp was appointed the 18th Director of the National Reconnaissance Office (DNRO) on July 6, 2012. The DNRO provides direction, guidance, and supervision over all matters pertaining to the NRO and executes other authorities specifically delegated by the Secretary of Defense and the Director of National Intelligence. In May 2007, Ms. Sapp was appointed the Deputy Under Secretary of Defense (Portfolio, Programs and Resources), Office of the Under Secretary of Defense for Intelligence. In this position, she was responsible for: executive oversight of the multibillion-dollar portfolio of defense intelligence-related acquisition programs; the planning, programming, budgeting and execution of the multibillion dollar Military Intelligence Program; and the technology efforts critical to satisfying both current and future warfighter needs. In April 2009, Ms. Sapp was appointed the Principal Deputy Director, National Reconnaissance Office (PDDNRO). As PDDNRO, she provided overall day-to-day management of the NRO, with decision responsibility as delegated by the DNRO. Ms. Sapp holds a Bachelor of Arts, and an MBA, Management, both from the University of Missouri, Columbia.

## KEYNOTE

### REP. ADAM SCHIFF

*Ranking Member, House Permanent Select Committee Intelligence*



Congressman Adam Schiff represents California's 28th Congressional District, and throughout his tenure in Congress, he has focused on growing the economy, bolstering national security, strengthening our communities, helping small businesses, and improving education, safety and health care for our children. In his 8th term in the House of Representatives, Schiff currently serves as the Ranking Member, or top Democrat, of the House Permanent Select Committee on Intelligence and as a Member of the Benghazi Select Committee. The House Permanent Select Committee on Intelligence oversees the nation's intelligence agencies including components of the Departments of Defense, Homeland Security, Justice, State and Energy. Schiff is currently on a leave of absence from the House Appropriations Committee. In addition to his committee work, Schiff's top priority is to create jobs and help improve the economy.

## PANELIST

### CAPTAIN MICHAEL SCHMOYER

*Deputy Director of Intelligence, Office of Security & Strategic Information, U.S. Department of Health and Human Services*

CDR Michael Schmoeyer serves as the Department of Health and Human Services (HHS) Liaison Officer (LNO) to the Department of Defense's (DoD) US Southern Command (USSOUTHCOM) in Miami. USSOUTHCOM's area of responsibility encompasses 31 countries and 10 territories in Latin America and represents about one-sixth of the landmass of the World assigned to regional unified DoD commands. CDR Schmoeyer is detailed to USSOUTHCOM from HHS/ Assistant Secretary for Preparedness and Response (ASPR). Prior to that assignment, CDR Schmoeyer had served as the Deputy Director for the Centers for Disease Control and Prevention (CDC) Central America and Panama Regional Office in Guatemala; for seven months during his tour, he simultaneously served as the Acting Regional Director. CDR Schmoeyer's office provided strategic direction, coordination, oversight, and accountability for all of CDC's global health activities (including the All Hazards Preparedness and Response program) in the seven Central American countries (and the Dominican Republic).

## MASTER OF CEREMONIES

### JIM SCIUTTO

*Chief National Security Correspondent, CNN*



Jim Sciutto is Chief National Security Correspondent for CNN, based in Washington. He served previously as Chief of Staff and Senior Adviser to U.S. Ambassador to China Gary Locke from 2011 to 2013. Prior to accepting this appointment, Sciutto was ABC News' Senior Foreign Correspondent. Based in London from 2002 to 2011 and then in Washington, Sciutto reported from more than 50 countries in Europe, Asia, Latin America, Africa and the Middle East, including more than a dozen assignments each in Iraq, Afghanistan and Iran. He contributed to all ABC News broadcasts and platforms, including "World News," "Nightline" and "Good Morning America" and also anchored "World News" and "Good Morning America." In 2010, Sciutto won the Edward R. Murrow award for his reporting from Iran during the 2009 election protests. In 2008 he was awarded the George Polk Award for Television Reporting for his work from Myanmar, as well as a Citation for Excellence from the Overseas Press Club. Sciutto has defied government restrictions to report undercover from Myanmar, Zimbabwe and Iran several times.

# SPEAKER BIOGRAPHIES

## PANELIST

### ROB SHANKMAN

*GIS Program Manager, U.S. Department of Health and Human Services*



After graduating from Frostburg State University more than two decades ago with a degree in Geography/Cartography, Rob has been involved with the creation of maps and data for the DoD, to local and federal government agencies. He has also been involved in the raster to vector conversion, the update of the National Flood Insurance rate maps to the update of the parcel map of Fairfax County VA. He transitioned his local experience with Emergency Preparedness from Fairfax County into the Federal realm and became involved with Situational Awareness Mapping and Emergency Preparedness with the Department of Health & Human Services. As the GIS Team Lead for Assistant Secretary for Preparedness and Response for the last nine years, Rob has moved the use of GIS from static images sent to the field via e-mail to dynamic viewers and on-line applications that are used by many departments of HHS, Federal Partners and Non-Governmental Organizations to coordinate and collaborate with HHS for planning and preparedness as well as for response and recovery from man-made events and the unplanned events of nature. The incorporation of data from many sources (Federal and NGO), mashing them together while keeping the ownership and stewardship where it belongs has been one of the driving forces in the newest on-line system that is now being incorporated into the business process at HHS.

## PANELIST

### LEA SHANLEY

*Presidential Innovation Fellow, NASA*



Lea Shanley is a Presidential Innovation Fellow working on Crowdsourcing to Improve Government at NASA. Trained as a geospatial data scientist and policy expert, her research has focused on improving government services and empowering communities through open and participatory innovation, new technologies and social media. Previously, she directed the Commons Lab of the Science and Technology Innovation Program at the Wilson Center. She is one of the chief organizers and co-founders of the Federal Community of Practice on Crowdsourcing and Citizen Science, a groundbreaking effort to enable federal agencies to engage the public in collective problem solving. In 2009, Lea was an AAAS Congressional Science Fellow in the U.S. Senate, crafting legislation on satellite Earth observations, oceans, and hazards. Lea also helped launch the new Citizen Science Association and Wisconsin Geographic Information Coordination Council. She conducted her PhD research in Environmental Monitoring at the University of Wisconsin-Madison, and holds an MS in astronomy and BS in physics.

## PANELIST

### NICOLE SPONAUGLE

*Chief, Operational Environment Analysis Division, DIA*



Mrs. Nicole Sponaugle is the chief of DIA's Operational Environment Analysis Division, which is focused on the impact of the physical and cultural landscape on the full spectrum of military operations. She has been in the intelligence community for almost 20 years and holds a master's degree in foreign service from Georgetown University.

## PANELIST

### MAJ. GEN. ROGER W. TEAGUE

*Director, Space Programs, Office of the Assistant Secretary for Acquisition, U.S. Air Force*



Maj. Gen. Roger W. Teague is the Director, Space Programs, Office of the Assistant Secretary for Acquisition, Washington, D.C. He directs development and purchasing on space programs to Air Force major commands, product centers and laboratories dealing with acquisition programs. His responsibilities include crafting program strategies and options for representing Air Force positions to Headquarters U.S. Air Force, the office of the Secretary of Defense, Congress and the White House. General Teague was commissioned in 1986 as a graduate of the U.S. Air Force Academy. His career includes a broad range of assignments primarily acquiring, operating and supporting space control, missile warning, and communications systems.

## PANELIST

### MISTY TULLAR

*Director of Plans and Programs, NGA*



Ms. Misty Tullar serves as the Director of Plans and Programs of the National Geospatial-Intelligence Agency. As a member of NGA's command leadership team, she provides oversight for the execution and development of strategic direction, policy, guidance, and planning. She also guides the development and management of future capabilities and technologies supporting GEOINT requirements and provides oversight to NGA Portfolio Managers to ensure agency-wide integration in support of strategic goals. Prior to this assignment, Tullar was the agency's Chief Financial Executive, where she was responsible for overseeing the day-to-day operations of the Financial Management (FM) Directorate to include planning, organizing, directing and implementing program evaluation, budgeting, financial management, cost analysis, manpower, management analysis, and financial reporting activities.

# SPEAKER BIOGRAPHIES

## PANELIST

### ERIC VELEZ-VILLAR

*Executive Assistant Director, FBI Directorate of Intelligence, FBI*



In August 2014, Director James Comey named Eric Velez-Villar executive assistant director of the FBI's Intelligence Branch. Mr. Velez most recently served as assistant director of the Directorate of Intelligence. Mr. Velez-Villar joined the FBI in 1985 working in the San Juan Division and became a special agent in 1992. He was first assigned to the San Antonio Field Office, where he worked organized crime and drug matters, and then returned to the San Juan Field Office, where he investigated public corruption. In 2000, Mr. Velez-Villar was promoted to FBI Headquarters as a supervisory special agent and was detailed to the Drug Enforcement Administration's Special Operations Division, coordinating major drug trafficking investigations throughout the United States. In 2002, he transferred to the Los Angeles Field Office, supervising organized crime and drug matters and the Joint Terrorism Task Force. In 2004, he was promoted to assistant special agent in charge of the counterterrorism program in the same office. In 2006, Mr. Velez-Villar was appointed deputy director of the Terrorist Screening Center in Washington, D.C., and in 2008, he went back to the Los Angeles Field Office as the special agent in charge of the newly created Intelligence Division. In September 2009, Mr. Velez-Villar was named the deputy assistant director for the Directorate of Intelligence; he was appointed the assistant director of the Directorate of Intelligence in January 2012.

## PANELIST

### THOMAS E. WEBBER

*Director, Space & Strategic Systems Directorate, USASMD/ARSTATE Technical Center, U.S. Army Space and Missile Defense Command*



Mr. Webber is the director of the Space and Strategic Systems Directorate, Technical Center, U.S. Army Space and Missile Defense Command/Army Forces Strategic Command and a member of the Senior Executive Service. He is responsible for managing research and technology development in the areas of space superiority, small satellites, high altitude, tactically responsive space, and cyberspace technologies. Mr. Webber served as the Acting Director, Technical Center, USASMD/ARSTRAT. As acting director, he was responsible for managing research, development and test programs for space, missile defense, cyber, directed energy and related technologies. Mr. Webber was also responsible for the management of the Ronald Reagan Ballistic Missile Defense Test Site in the Marshall Islands.

## PANELIST

### MIKE WILLIAMS

*Director, Global Initiative on Civil Society & Conflict, University of South Florida*



Mr. Mike Williams is a Director with the Global Initiative on Civil Society & Conflict at the University of South Florida focused on quantifying and operationalizing Human Geography (HG) while institutionalizing the global HG partner community. He has served 16 years in the DoD and developed HG capabilities for the U.S. and International Defense communities over the last decade. Mike holds a Master of Engineering with a concentration in GIS from the University of Colorado.

## KEYNOTE

### THE HONORABLE ROBERT O. WORK

*Deputy Secretary of Defense*



Robert O. Work was confirmed as the 32nd Deputy Secretary of Defense on April 30, 2014. Mr. Work most recently served as Chief Executive Officer of the Center for a New American Security (CNAS). From 2009 to 2013, Mr. Work served as the Undersecretary of the Navy. In this capacity, he was the Deputy and Principal Assistant to the Secretary of the Navy and acted with full authority of the Secretary in the day-to-day management of the Department of the Navy. In 2008, Mr. Work served on President-elect Barack Obama's Department of Defense Transition Team as leader of the Department of the Navy issues team. He also worked on the defense policy, acquisition, and budget teams. In 2002, Mr. Work joined the Center for Strategic and Budgetary Assessments (CSBA), first as the Senior Fellow for Maritime Affairs, and later as the Vice President for Strategic Studies. In these positions, he focused on defense strategy and programs, revolutions in war, Department of Defense transformation, and maritime affairs.

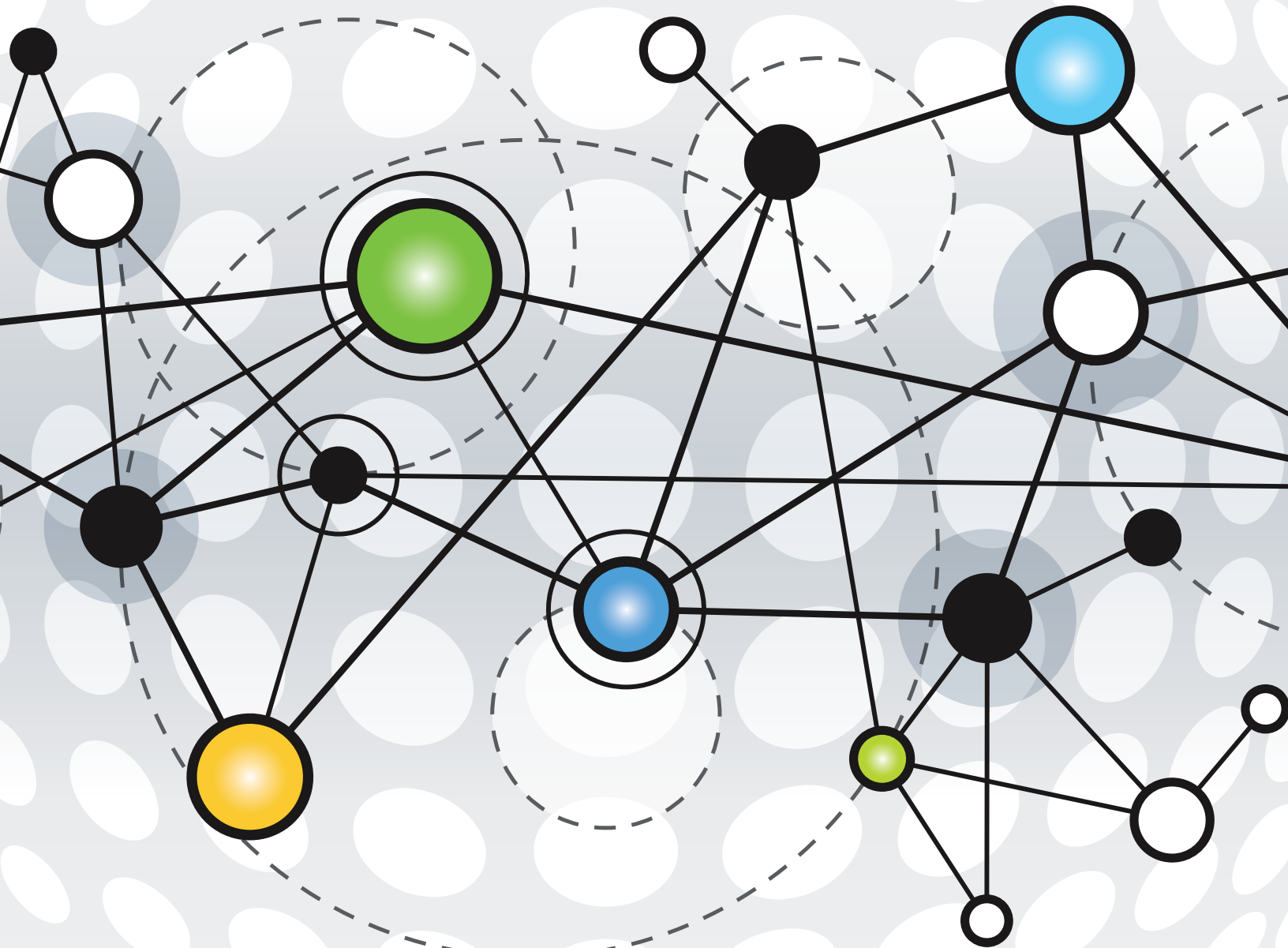


# **USGIF**

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# USGIF AWARDS PROGRAM



The USGIF Awards Program annually recognizes the exceptional work of the geospatial intelligence tradecraft's brightest minds. The awards are presented to applicants selected by the USGIF Awards Subcommittee during the annual GEOINT Symposium. Developed to recognize the achievements of individuals and teams involved with the geospatial intelligence tradecraft, the program awards those within the community in four distinct categories.

## GEOSPATIAL ACADEMIC ACHIEVEMENT AWARD

The Geospatial Academic Achievement Award commends the achievements of the top graduate of a nationally recognized geospatial intelligence academic program.

## GEOSPATIAL ACADEMIC RESEARCH AWARD

The Geospatial Academic Research Award is given to an individual, team or university for research contributions aimed at promoting the tradecraft and developing a stronger community among those who apply geospatial intelligence to national security objectives.

## GEOSPATIAL ADMINISTRATIVE/SUPPORT AWARD

The Geospatial Administrative/Support Award recognizes outstanding administrative or support accomplishments in the tradecraft by an individual or team from the military, government or industry.

## GEOSPATIAL INTELLIGENCE ACHIEVEMENT AWARDS

The Geospatial Intelligence Achievement Awards are given to an individual or team from each of three sectors—government, industry and military—for contributions aimed at promoting the geospatial intelligence tradecraft. The awards recognize the individual or team's support to local, state or national policy makers or military forces by providing timely, relevant and accurate geospatial intelligence.

## ARTHUR C. LUNDAHL LIFETIME ACHIEVEMENT AWARD

The Arthur C. Lundahl Lifetime Achievement Award is presented, upon selection by the USGIF board, to an influential member of the geospatial intelligence community who has dedicated much of his or her career to the tradecraft.

This year's winner will be announced Thursday, April 17 at 8:00 A.M. during the general session.

**Previous winners of USGIF's Arthur C. Lundahl Lifetime Achievement Award include:**

**2013 Ms. Roberta "Bobbi" Lenczowski**

**2012 Mr. Penman R. "Red" Gilliam**

**2011 LTG Paul E. Menoher**

**2010 Mr. Jack Dangermond**

**2009 Mr. Charles E. "Charlie" Allen**

**2008 Mr. R. Evans Hineman**

**2007 The Honorable James R. Clapper**

**2006 The Honorable Jeffrey K. Harris**

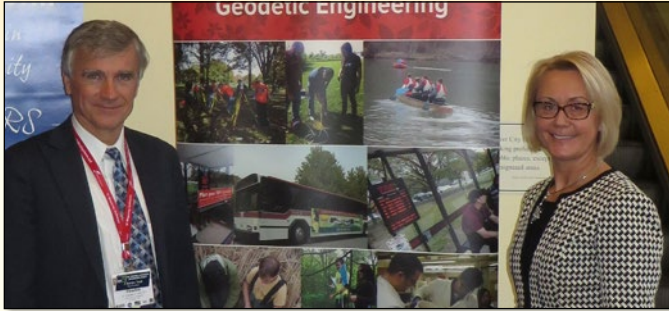
**2005 Mr. William R. Alder Jr.**

**2004 Dr. Leo Hazlewood**

# CONGRATULATIONS TO THE 2015 USGIF AWARD WINNERS!

## ACADEMIC ACHIEVEMENT

### Professor Dorota A. Grejner-Brzezinska & Dr. Charles Toth, Ohio State University



In the past 15 years, professors Dorota Grejner-Brzezinska and Charles Toth of the Ohio State University have significantly influenced the future of geospatial intelligence by advancing state-of-the-art geospatial data acquisition and processing technologies. Their most significant achievements include pioneering work on high-accuracy, direct sensor georeferencing algorithms and methodology; developing state-of-the-art sensor error models; developing novel compression technology for LiDAR data; and introducing an innovative and automated waveform processing method to support better point cloud generation and land-cover classification. This is the second time the duo has received a USGIF award—the first being the 2005 Academic Research Award for research on a personal navigator relevant to national security.

## ADMINISTRATIVE/SUPPORT

### Donna L. Pelle, National Geospatial-Intelligence Agency



As the executive officer for the National Geospatial-Intelligence Agency Support Team (NST) to the National Air and Space Intelligence Center, Pelle plays a significant behind-the-scenes role in advancing the relationship between the two organizations and demonstrating the importance of GEOINT. Pelle consistently takes action to achieve outcomes and results that are superior in quality, quantity, and have an impact on the NST. She handles worldwide travel, regulatory file planning, security, calendar administration for senior executives, and is responsible for more than 200 taskers a year.

## ACADEMIC RESEARCH

### George Stanley Bosarge, University of South Alabama



George “Stan” Bosarge is senior research laboratory manager for the Fisheries Ecology Lab of the Dauphin Island Sea Lab, as well as the benthic habitat assessment program manager for the University of South Alabama’s Department of Marine Sciences. Bosarge’s research is centered on a large-scale and long-term fisheries assessment project called the Fisheries Independent Ecosystem Survey. It’s designed to assess post-oil spill red snapper population recovery and the spatial relationships of red snapper to artificial and natural reef habitat off coastal Alabama. In 2016, he will join the Northeastern University faculty to teach a class on free and open-source GIS desktop applications in the university’s geographic information technology program.

## INTELLIGENCE ACHIEVEMENT AWARD - GOVERNMENT

### U.S. Army Geospatial Center



In late 2012, months of drought left water levels along a 180-mile stretch of the Mississippi River as much as 20 feet below normal, exposing rock pinnacles in the navigation channel and restricting barge traffic from St. Louis, Mo., to Cairo, Ill.—essentially halting commerce along the Mississippi River. The U.S. Army Corps of Engineers is charged with keeping the river safe and navigable, and in this case needed to provide frequent updates to the White House on the progress of removing the pinnacles to restore navigation. The majority of geospatial products produced, although very accurate, were too complex for executive-level briefings. In a short timeframe, a team of Army Geospatial Center personnel synthesized the information gathered by the Corps and created geospatial products that enabled the President to quickly understand the problem and how it was being remedied.

# CONGRATULATIONS TO THE 2015 USGIF AWARD WINNERS!

## INTELLIGENCE ACHIEVEMENT AWARD - MILITARY

### AF/A2I SIRIS Team, U.S. Air Force



SIRIS is a government-owned, high performance web-based capability that enables open observation, lightweight visualization, and game-changing collaboration for dynamic mission planning and execution across multiple networks. SIRIS collaboration is conducted via a real-time, integrated display of correlated and fused data from National Reconnaissance Office joint collaboration cells, allowing tactical operators to create a tailored, user-defined operational picture. SIRIS reduces fratricide, protects noncombatants and increases combat capability, and saved valuable fire-fighting time during the California rim wildfire. SIRIS is managed by A2 Innovations Director James “Snake” Clark and was created by Chris McDonald and Tim Petronello.

## INTELLIGENCE ACHIEVEMENT - INDUSTRY

### George “Guy” Thomas, C-SIGMA, LLC



George “Guy” Thomas is a former U.S. science and technology advisor for maritime domain awareness and father of space-based automated identification systems (AIS). He also founded the Collaboration in Space for International Global Maritime Awareness (C-SIGMA) organization. Space-based AIS is changing how the maritime world operates by adding global transparency to operations. C-SIGMA works to increase safety and security in the maritime domain, and protect the maritime environment and resources worldwide. Thomas’ 40-year career in surveillance includes positions with the U.S. Navy, Air Force, and Coast Guard, as well as with industry and Johns Hopkins University’s Applied Physics Laboratory. He led the introduction of both the Navy’s EP-3E and the Air Force’s RC-135W—the first reconnaissance aircraft with mission-system computers.

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# 2014 USGIF SCHOLARSHIP WINNERS

In 2014, USGIF awarded scholarships to 22 students to include five Ph.D. candidates, seven graduate students, seven undergraduates, and three graduating high school seniors. The USGIF Scholarship Program advances the GEOINT tradecraft by granting scholarships to promising students pursuing degrees in the geospatial sciences or a related field. In total, USGIF has awarded \$792,000 in scholarship funds since the program began in 2004.

Each undergraduate, graduate, and doctorate awardee receives \$5,000, while high school seniors receive \$2,000 toward their education. All scholarship recipients were selected by USGIF's Scholarship Subcommittee, which evaluated applicants based on academic and professional excellence.

## DOCTORATE



### TANYA CATIGNANI

*George Mason University  
Earth Systems & Geoinformation Science*

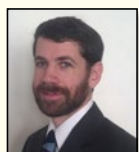
Tanya is developing a geospatial model of ancient Mayan wetland agricultural fields in northern Belize, analyzing the spectral reflectance of these wetland soils to identify signatures related to ancient agriculture. She plans to continue researching geospatial modeling and how this technology can be applied to understand relationships between humans and their environment.



### KATIE A. CORCORAN

*University of Tennessee, Knoxville  
Biological Anthropology*

Katie's research focuses on the application of remote sensing for human grave detection, facilitating the recovery of missing U.S. military personnel in former conflict zones. Katie earned a bachelor's degree in anthropology from the University of Central Florida and has a professional background in archaeology.



### JASON Z. EDWARDS

*University of Wyoming  
Ecology*

Jason's research interests are focused on transportation networks and human/natural system dynamics. His dissertation addresses how timing, amount, and intensity of precipitation, together with land-use changes resulting from government policy, affect soil transport. This research applies remote sensing data in tandem with mechanistic model programming in a GIS framework.



### DAVID SHEAN

*University of Washington  
Earth & Space Sciences*

David has spent several years working for Malin Space Science Systems as a member of the Mars Reconnaissance Orbiter science operations team. David's current research relies on satellite, airborne, and UAV remote sensing observations combined with modern photogrammetric methods to study ice dynamics and variability in Antarctica, Greenland, and the Pacific Northwest.



### AMANDA ZIEMANN

*Rochester Institute of Technology  
Imaging Science*

For her master's thesis, Amanda developed a tool for automated large-area search in multi-spectral imagery with applications to change detection analysis. Her doctoral research with RIT's Digital Imaging and Remote Sensing Laboratory focuses on developing graph theory and manifold learning-based target detection algorithms for hyperspectral imagery.

## GRADUATE



### JULIE BAER

*Harvard Graduate School of Education  
International Education Policy*

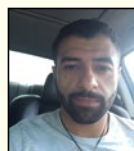
Julie's primary research interest focuses on mapping international educational data to assist policy makers. Through aggregating and displaying this material, Julie hopes to provide insight on how countries can better apply resources to increase educational attainment. Julie received her undergraduate degree in financial economics from Centre College.



### SEAN DOLAN

*George Mason University  
Geoinformatics & Geospatial Intelligence*

As a geospatial analyst with Booz Allen Hamilton for the past seven years, Sean is versed in cartographic design, GEOINT analysis, and geospatial production. He is passionate about the integration of GIS technology with law enforcement, particularly to analyze and predict criminal behavior. Sean also holds a bachelor of arts in Spanish from Wake Forest University.



### NOUMAN HUSSAIN

*Penn State University  
Geographic Information Systems*

Nouman is currently a GIS analyst for the Department of Defense. He began his career in GIS after achieving a graduate GIS certificate from Penn State in 2012. His interests are in spatial analysis, cartography, and most recently, 3D visualization of spatial data and geographic points.

# 2014 USGIF SCHOLARSHIP WINNERS



## SETH W. LEMASTER

*Penn State University  
Homeland Security & Geospatial Intelligence*

As a member of the Arkansas National Guard, Seth deployed to Afghanistan as a geospatial intelligence analyst providing GEOINT support to special operations. While pursuing his master's degree, Seth also works as the GIS lead for the Arkansas Geographic Information Office.



## MEGAN M. G. MILLER

*Purdue University  
Geomatics Engineering*

Megan's research efforts are focused on the advancement of UAV image processing through the development of a completely integrated and rigorous software package that delivers orthoimagery and digital surface models. She predicts this on-the-fly terrain analysis will greatly enhance the usefulness of UAVs for tactical and disaster relief users.



## W. GABE POWELL

*University of Mississippi  
Geology*

With more than 10 years of military service, Gabe has deployed to Iraq and Afghanistan in support of humanitarian relief efforts. While in Afghanistan, Gabe spent a year applying geospatial technologies in support of the war on terror. Gabe's next assignment takes him to the United States Military Academy where he will teach geospatial information science.

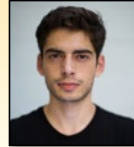


## ALEXANDER TEDESCHI

*New University of Lisbon  
Geospatial Technologies*

Alexander developed an interest in geospatial science by engaging with topics in political geography while pursuing a master's degree in regional studies. Alexander combined his cartographic skills and interest in history to build an interactive map of imperial Russian transportation routes, after which he assisted a Russian NGO to geocode addresses of political repression in Soviet Moscow.

## UNDERGRADUATE



## XHULIO BINJAKU

*University of Florida  
Geography & Architecture*

After emigrating from Albania to the United States with his family, Xhulio learned of the immense vastness of land, and the similar patterns within that bring geographies together. Upon completing his undergraduate degree, Xhulio hopes to receive a master's degree in urban planning, and combine his knowledge of geography and architecture.



## TIFFANY HUFF

*Texas Christian University  
Geography*

Tiffany is an intern and Stokes Scholarship Program award recipient with the National Geospatial-Intelligence Agency (NGA). Upon graduation, Tiffany will convert to a full-time position with NGA, where she plans to apply her geographic knowledge and analytical GIS skills toward the agency's mission. She is particularly interested in exploring human geography, computer programming, and web-based map services.



## ANNA KALINOWSKI

*University of Missouri  
Electrical Engineering*

During the school year, Anna conducts academic research involving image processing and computer vision with university faculty members. On academic breaks, she interns at NGA. Anna looks forward to a career in which she can contribute her skills to the field of GEOINT.



## ERIK MUELLER

*University of Missouri  
Geography & Behavioral Science*

Growing up in and around the military drove Erik to pursue a career in the Intelligence Community and Department of Defense. He was fortunate to intern with the federal government this past summer, and plans to further his education and build a long-term career in the Intelligence Community.

# 2014 USGIF SCHOLARSHIP WINNERS



## TRAVIS STEVENS

*Virginia Tech  
Geography*

Travis is a student veteran and is close to completing an associate's degree in computer science from Cochise College in addition to his courses at Virginia Tech. He hopes to receive full-time civilian employment in the defense industry upon graduation. Travis is a veteran of the Iraq and Afghan wars, and currently has a job with the U.S. National Guard.



## EVERLEIGH STOKES

*Penn State University  
Geography*

Everleigh participated in two GIS classes her junior and senior years of high school, inspiring her to pursue a degree in the field. After graduation, Everleigh hopes to combine GIS and global health by using mapping technology to assist with humanitarian assistance, disaster response, and disease tracking.



## MATTHEW VAUGHAN

*Virginia Tech  
Geography*

Matthew's primary interest is in the use of GIS and remote sensing. He has long enjoyed studying both human and physical geography and the interactions between the two. Recently, Matthew has directly applied this knowledge to real-world problems, and plans to do so during his graduate research.

## GRADUATING HIGH SCHOOL SENIORS



## SCOTT CONSTANTINE

*Pope John Paul II High School, Boca Raton, Fla.  
Now attending University of Illinois at Urbana-Champaign*

Scott is pursuing a degree in geography with a concentration in geographic information science. Within the geospatial intelligence realm, he is drawn to remote sensing, mapping, and photogrammetry using airborne platforms. He is also interested in the applications of GIS for geology.



## JED DALE

*Babylon High School, Babylon, N.Y.  
Now attending University of Pennsylvania*

Jed interned this summer with the Brookhaven National Laboratory's Nuclear Nonproliferation and Nation Security Department. He is interested in the application of geospatial technology to study various phenomena, such as the impact of climate change on extreme weather events.



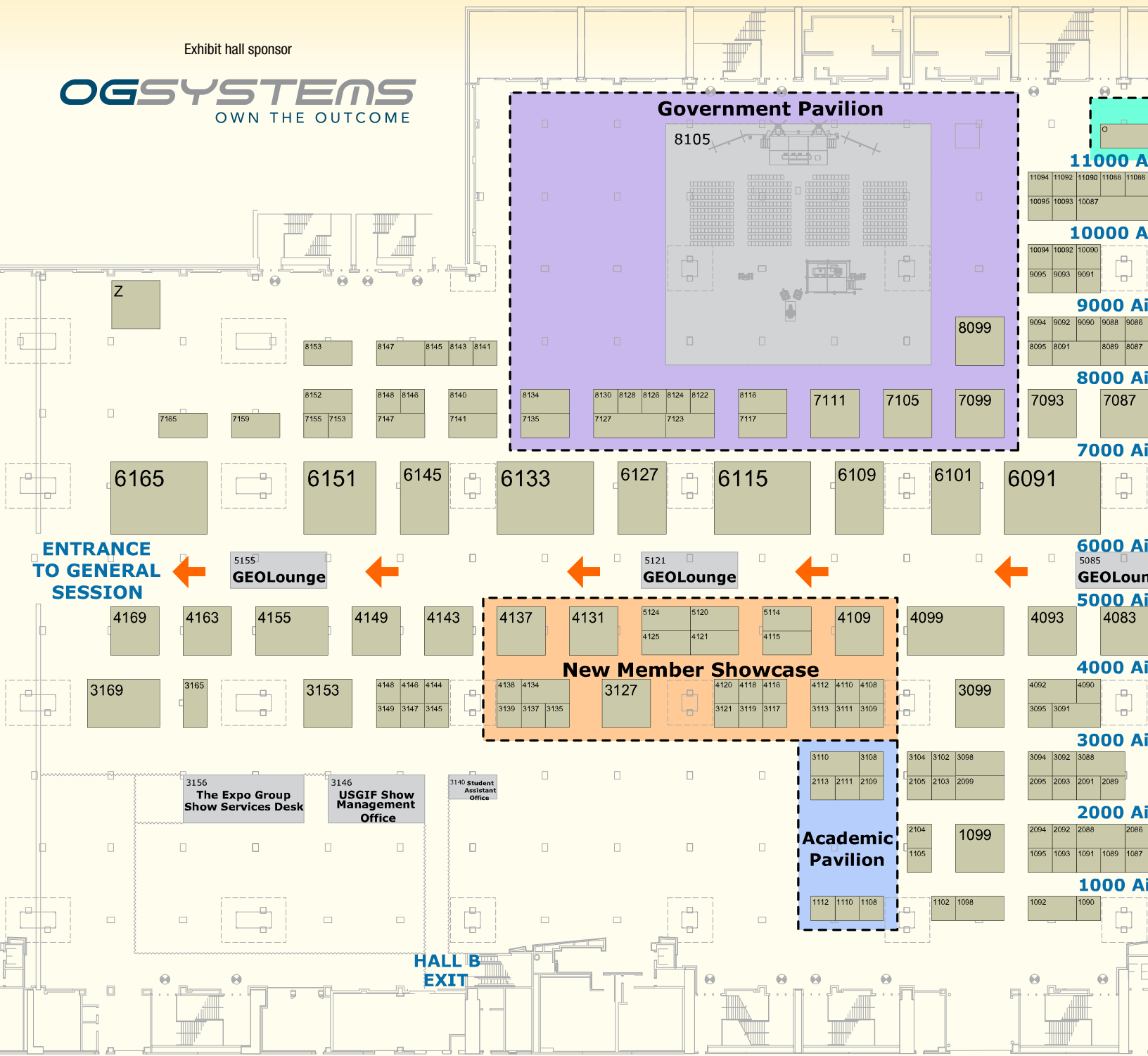
## SHAREEF HUSSAM

*Westfield High School, Chantilly, Va.  
Now attending Cornell University*

Shareef began developing ideas for new research projects that combine his interest in urban and regional planning with geographic information systems. Shareef hopes to use the tremendous power of GIS to increase his understanding of cities and their complex development.

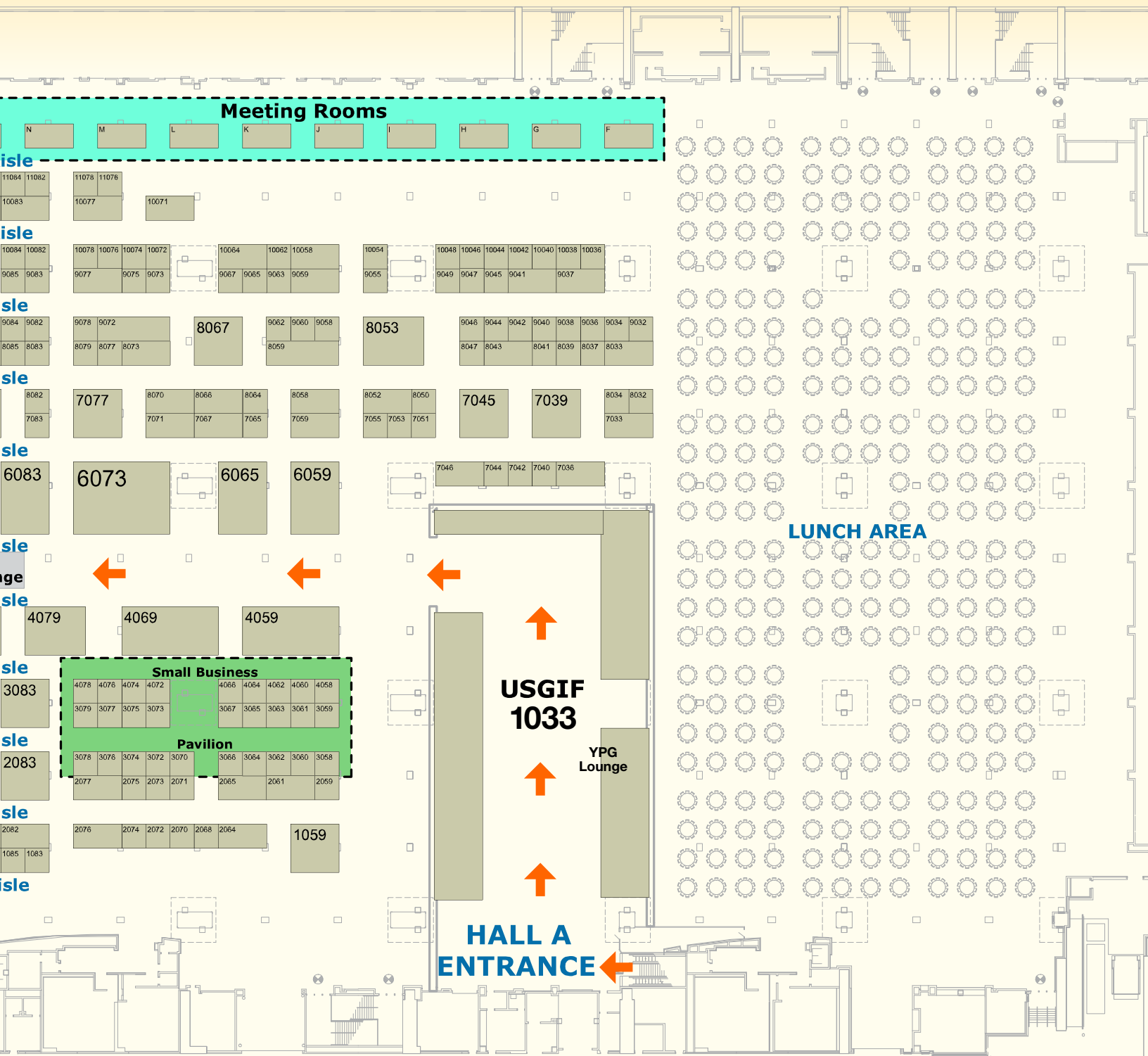
# GEOINT 2015 EXHIBIT HALL

Exhibit hall sponsor





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Contact: Danny Proko

Phone: 949-200-6296

Email: [danny.proko@2d3sensing.com](mailto:danny.proko@2d3sensing.com)

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Phone: 703-627-5805

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Phone: 571-858-2043

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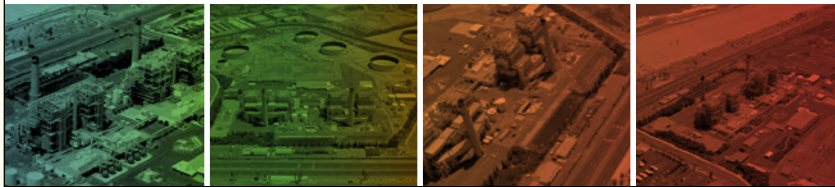
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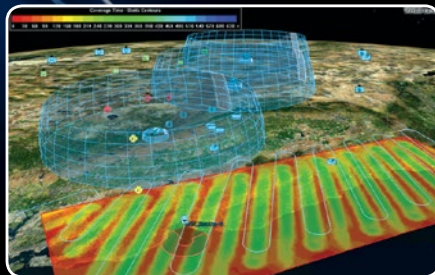
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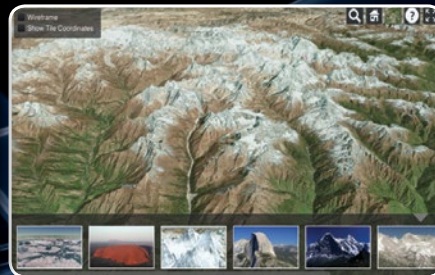
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Contact: Jeffrey Kuhn  
Phone: 703-396-6437  
Email: [jkuhn@apus.edu](mailto:jkuhn@apus.edu)

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Booth #9034  
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Phone: 301-493-0290  
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Phone: 301-589-4004  
Email: [cparker@appliedimagery.com](mailto:cparker@appliedimagery.com)

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Phone: 800-721-0560

Email: [info@attensity.com](mailto:info@attensity.com)

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Contact: Jason Peters

Phone: 571-278-5685

Email: [jason.peters@autodesk.com](mailto:jason.peters@autodesk.com)

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Email: [sales@avenza.com](mailto:sales@avenza.com)

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Contact: Jack Peters  
Phone: 703-679-4184  
Email: jpeters@caci.com

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Contact: Kathleen Kendall  
Phone: 703-871-8562  
Email: kathleen.kendall@carahsoft.com

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Contact: Lacey Wean  
Phone: 703-230-7579  
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Email: [alicia.urquhart@carahsoft.com](mailto:alicia.urquhart@carahsoft.com)

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Contact: Saron Olkaba

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Email: [saron.olkaba@carahsoft.com](mailto:saron.olkaba@carahsoft.com)



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Contact: David Kuo  
Phone: 408-348-7714  
Email: [dkuo@cardiofx.com](mailto:dkuo@cardiofx.com)

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Contact: Michael Redmayne  
Phone: 703-299-9712  
Email: [sales@caris.us](mailto:sales@caris.us)

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[www.cartogis.org](http://www.cartogis.org)

The Cartography and Geographic Information Society (CaGIS) is composed of educators, researchers and practitioners who utilize geographic information. CaGIS publishes research in the journal Cartography and Geographic Information Science; hosts AutoCarto, a biennial research conference; represents the United States to the International Cartographic Association (ICA); and advocates on policy issues in the field.

Contact: Eric Anderson  
Phone: 843-324-0665  
Email: [cagisxd@gmail.com](mailto:cagisxd@gmail.com)

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Contact: James Conklin  
Phone: 434-214-4415  
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Contact: Andy Altman  
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Email: [andyalt@cdwg.com](mailto:andyalt@cdwg.com)

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Contact: Jason Marsh  
Phone: 703-365-8801 x3366  
Email: [jason.marsh@cgifederal.com](mailto:jason.marsh@cgifederal.com)

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Contact: Brian Zook  
Phone: 240-477-2351  
Email: [bzook@cisco.com](mailto:bzook@cisco.com)

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Contact: Bill Bistany  
Phone: 410-271-9700  
Email: [william.bistany@citrix.com](mailto:william.bistany@citrix.com)

## **ClearTerra**

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Got Unstructured Data? LocateXT technology extracts place names & geocoordinates from unstructured textual data and transforms them into structured geospatial databases and map layers for Esri, Google Earth, and Open Source platforms.

Contact: Jeff Wilson  
Phone: 703-403-5636  
Email: [jeff.wilson@clearterra.com](mailto:jeff.wilson@clearterra.com)

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Contact: Chris Barnes  
Phone: 703-371-3294  
Email: [cbarnes@cleversafe.com](mailto:cbarnes@cleversafe.com)

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Contact: Greg Mundell  
Phone: 301-996-5427  
Email: [gmundell@cliqr.com](mailto:gmundell@cliqr.com)

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Contact: Kate Tong  
Phone: 571-216-8286  
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Contact: Art Kelley  
Email: [akelley@commvault.com](mailto:akelley@commvault.com)

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Contact: Blaine Horner  
Phone: 303-627-4058  
Email: [blaineh@compassdatainc.com](mailto:blaineh@compassdatainc.com)

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Contact: Robert Thomas  
Phone: 709 745-7914 x212  
Email: [rthomas@compusult.net](mailto:rthomas@compusult.net)

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Corporate Office Properties Trust (COPT) (NYSE:OFC) develops, owns & operates data centers & Class A office buildings for U.S. Government and Defense IT customers. COPT's Data Center Solutions division provides industry leading, green and highly efficient data center solutions for both wholesale and customized managed collocation.

Contact: Pat Xeller  
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Email: [pat.xeller@copt.com](mailto:pat.xeller@copt.com)

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Phone: 617-695-1192  
Email: [sgreer@coresecurity.com](mailto:sgreer@coresecurity.com)

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Courage Services is a leading provider of open source advanced analytics, geospatial data, and technology solutions. Our innovative products ensure that our clients have a clear understanding of complex and changing global dynamics – such as political upheaval, social instability, economic fluctuation, and disruptive technology – and empower them to make confident decisions and navigate risk.

Contact: Jason Patti  
Phone: 571-356-9384  
Email: [jason.patti@courageservices.com](mailto:jason.patti@courageservices.com)

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Phone: 301-910-6416  
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Contact: Rodney Davis  
Phone: 616-735-2080  
Email: [rodney.davis@cri.us.com](mailto:rodney.davis@cri.us.com)

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Contact: Paul Laurence  
Phone: 843-737-6045  
Email: [paul.laurence@crunchydatasolutions.com](mailto:paul.laurence@crunchydatasolutions.com)

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Contact: Melissa Peterson  
Phone: 703-872-8167  
Email: [mpeterson9@csc.com](mailto:mpeterson9@csc.com)

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Contact: Frances May

Phone: 305-421-4954

Email: [fmay@cstars.miami.edu](mailto:fmay@cstars.miami.edu)

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Contact Tom Richards

Phone: 727-460-0168

Email: [tom.richards@cubic.com](mailto:tom.richards@cubic.com)

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Contact: Rene Copeland

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Email: [rcopeland@dwavesys.com](mailto:rcopeland@dwavesys.com)

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Contact: Allan Torres

Phone: 952-856-4191

Email: [atorres@datafission.com](mailto:atorres@datafission.com)

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Phone: 410-352-7192

Email: [bmerkert@ddn.com](mailto:bmerkert@ddn.com)

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Contact: John Jackson

Phone: 202-231-0801

Email: [john.jackson2@dodiis.mil](mailto:john.jackson2@dodiis.mil)

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Contact: Gary Rock  
Phone: 214-620-8401  
Email: [gary\\_rock@dell.com](mailto:gary_rock@dell.com)

## **Department of Homeland Security Geospatial Management Office (DHS GMO)**

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<http://gii.dhs.gov>

The DHS GMO exercises executive leadership in establishing Department-wide geospatial information and technology programs, directives, initiatives, standards, techniques and applications. The DHS GMO is the executive steward for the Geospatial Information Infrastructure (GII), which provides a shared Sensitive But Unclassified (SBU) platform for users to access trusted geospatial data, map services, and geospatial applications.

Contact: David Lilley  
Phone: 202-447-4308  
Email: [david.lilley@hq.dhs.gov](mailto:david.lilley@hq.dhs.gov)

## **Department of Homeland Security Science and Technology Directorate (DHS S&T)**

**Booth #8126**  
[www.firstresponder.gov](http://www.firstresponder.gov)

The Department of Homeland Security Science and Technology Directorate First Responders Group (FRG) works to strengthen the first response community's ability to respond to disasters and emergencies. Through the engagement of first responders the FRG pursues a better understanding of needs and requirements, and develops innovative solutions to the emergency response community's most pressing challenges.

Contact: Rochele Smith  
Phone: 202-254-8634  
Email: [rochele.smith@hq.dhs.gov](mailto:rochele.smith@hq.dhs.gov)



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Contact: Phillip Thiel  
Phone: 703-849-0271  
Email: [pthiel@dewberry.com](mailto:pthiel@dewberry.com)

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Contact: Rita Joseph  
Phone: 703-725-6997  
Email: [rita.joseph@digitalreasoning.com](mailto:rita.joseph@digitalreasoning.com)

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Contact: Chris Incardona

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Email: [chris.incardona@digitalglobe.com](mailto:chris.incardona@digitalglobe.com)

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Contact: Sales

Phone: 800-262-4358

Email: [sales@dlt.com](mailto:sales@dlt.com)

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Contact: James Payne

Phone: 703-807-5079

Email: [paynej@dnb.com](mailto:paynej@dnb.com)

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Contact: Steve Scates

Phone: 540-828-6070

Email: [sscates@dynamicaviation.com](mailto:sscates@dynamicaviation.com)

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Contact: Sales

Phone: 510-522-0700

Email: [info@dgi.com](mailto:info@dgi.com)

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Booth #8077

[www.e-geos.it](http://www.e-geos.it)

e-GEOS Application services: rush mapping in support to natural disaster management, oil spill and ship detection for maritime surveillance, ground subsidence analysis, thematic mapping for agriculture and forestry. Relying on COSMO-SkyMed Radar Constellation, e-GEOS provides specialized products for defense and intelligence: Site monitoring, Mining activity monitoring, change maps, Border, dirt-road and track surveillance

Contact: Catia Rispoli

Phone: +39 3209029496

Email: [catia.rispoli@e-geos.it](mailto:catia.rispoli@e-geos.it)

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## Earth Imaging Journal

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Earth Imaging Journal is a bimonthly print magazine covering a range of earth observation and geospatial technologies and applications. Content is crafted to satisfy novice through professional. Content is written by industry professionals, researchers and magazine staff to illuminate the broad band of applications, products and processes that are shaping the international Earth imaging market.

Contact: Patrick Krill  
Phone: 414-225-0101  
Email: pkrill@v1-media.com

## East View Geospatial

Booth #7053  
[www.geospatial.com](http://www.geospatial.com)

East View Geospatial is a leading global geospatial data provider of DEMs, topographic maps, satellite imagery, vector data, nautical charts, and geological maps. EVG also offers GIS and consulting services such as geospatial database design, 3D visualization, data integration, georeferencing, and translation. For more information, go to: [www.geospatial.com](http://www.geospatial.com).

Contact: Rodney Buhrsmith  
Phone: 952-252-4523  
Email: rodney.buhrsmith@eastview.com

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Contact: Anthony Sanchez  
Phone: 703-955-2728  
Email: tony.sanchez@edgetide.com

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Contact: Brian Cote  
Phone: 703-754-3464  
Email: brian.cote@eizo.com

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Contact: Katy Wendland  
Phone: 971-235-8016  
Email: kathy@elastic.co

## Enterprise Data Base

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Contact: Lyn Vercellone  
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Contact: Robin Parrish  
Phone: 703 871 5255  
Email: [sales@envitia.com](mailto:sales@envitia.com)

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[www.esri.com/intelligence](http://www.esri.com/intelligence)



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Phone: 909-793-2853  
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Phone: +972 3 6911662  
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Phone: 310-692-0619  
Email: [chan.smith@exactearth.com](mailto:chan.smith@exactearth.com)

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Phone: 855-394-6812 x801

Email: [jbratten@ezgovopps.com](mailto:jbratten@ezgovopps.com)

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Contact: Chris Vaughan  
Phone: 202-740-3037  
Email: christopher.vaughan2@fema.dhs.gov

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Phone: 703-499-4886  
Email: steven.murphy@fireeye.com

## First Mile Geo

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[www.firstmilegeo.com](http://www.firstmilegeo.com)

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Contact: Matt McNabb  
Phone: 855-466-9494  
Email: hello@firstmilegeo.com

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Force 3 is the network security company. We provide infrastructure services to design, deploy, support and maintain our clients' technology needs. Delivering enterprise network, mobility, collaboration, data center or next-generation technologies – our highly trained engineers and strategic partnerships enable us to develop secure solutions for agencies demanding value and reliability.

Contact: Mike Sellers  
Phone: 410-774-7227  
Email: msellers@force3.com

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Phone: 256-704-5587  
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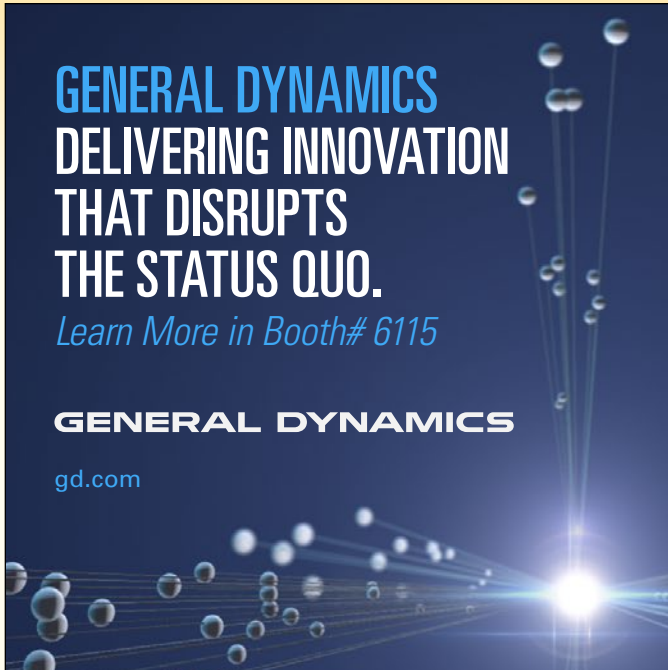
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Phone: 877-449-0600  
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Contact: Nancy McGee  
Phone: 703-287-9705  
Email: [nmcgee@geographic-services.net](mailto:nmcgee@geographic-services.net)

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[www.geohuntsville.org](http://www.geohuntsville.org)

GEOHuntsville is one of three economic/workforce development initiatives sponsored by Mayor Tommy Battle (Energy and Cyber are the others). As a non-profit, GEOHuntsville works with over 50 private companies, 25 government entities and 3 universities to bring awareness to our existing geospatial capabilities, develop educational opportunities, bring new jobs, and attract geospatial investments.

Contact: Chris Johnson  
Phone: 256-797-6376  
Email: [chris@avisualedge.com](mailto:chris@avisualedge.com)

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GeoMakers is a 501c3 educational organization dedicated to enabling and encouraging inter-community collaboration in the DIY and open source spaces in order to promote the development, use and sharing of low-cost geospatially enabled technologies.

Contact: Thea Aldrich  
Phone: 512-775-6553  
Email: [thea.aldrich@geomakers.org](mailto:thea.aldrich@geomakers.org)

## **GeoNorth LLC**

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Contact: Jon Heinsius  
Phone: 202-361-7447  
Email: [jheinsius@geonorth.com](mailto:jheinsius@geonorth.com)

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Contact: Anthony Stefanidis

Phone: 703-993-1212

Email: [astefani@gmu.edu](mailto:astefani@gmu.edu)

## Geospatial Intelligence Forum

Booth #8082

[www.gif-kmi.com](http://www.gif-kmi.com)

Geospatial Intelligence Forum (GIF) is the only publication solely focused on all aspects of Geospatial Intelligence and related technologies for the U.S. DoD and Intelligence Communities. GIF serves senior leadership with editorial coverage that includes exclusive in-depth interviews, emerging technologies, major programs, products and technologies, from collection to analysis to dissemination.

Contact: Scott Parker

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Email: [scottp@kmimediagroup.com](mailto:scottp@kmimediagroup.com)

## Geospatial Media & Communications

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[www.geospatialworld.net](http://www.geospatialworld.net)

Geospatial Media & Communications is a premier media organisation working towards promotion of geospatial technologies globally. "GeoIntelligence" is our bimonthly publication and regional series of conferences & exhibitions dedicated exclusively to Defence, Internal Security & Public Safety. This year GeoIntelligence conferences are scheduled for India, Asia, Africa & Latin America. For more details visit: [www.geointworld.net](http://www.geointworld.net) & [www.geointelligenceasia.org](http://www.geointelligenceasia.org)

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Phone: +919871800023

Email: [kushagra@geospatialmedia.net](mailto:kushagra@geospatialmedia.net)

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Phone: 607-372-6749

Email: [rholicky@geoweb3d.com](mailto:rholicky@geoweb3d.com)

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Phone: 703-847-3688

Email: [dennis.reilly@gigamon.com](mailto:dennis.reilly@gigamon.com)

## GISCafe.Com

Booth #3092

[www.giscafe.Com](http://www.giscafe.Com)

GISCafe is a portal offering GIS and geospatial professionals complete GIS product catalog listings, technical papers, GIS news, CEO interviews, multimedia presentations, job placement and more. Each GISWeekly Review delivers news concerning the latest developments in the GIS industry, in a readable newsletter format with feature stories and news bytes.

Contact: Sanjay Gangal

Phone: 408-850-9202

Email: [sanjay@giscafe.com](mailto:sanjay@giscafe.com)

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Email: [cgrindle@globalscape.com](mailto:cgrindle@globalscape.com)

## Harris Corporation

Booth #4059

[www.harris.com/geoint](http://www.harris.com/geoint)



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Contact: Scott Bennett

Phone: 303-993-3436

Email: [scott.bennett@harris.com](mailto:scott.bennett@harris.com)

## Haystax Technology

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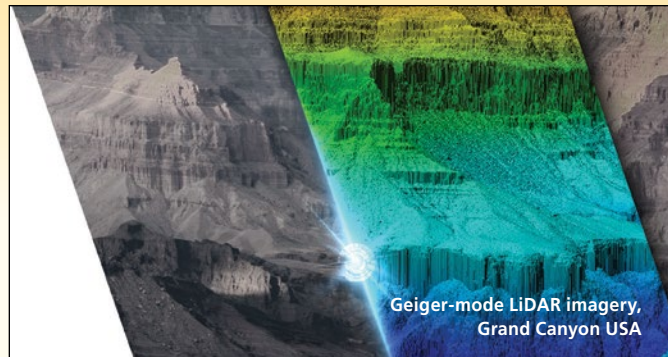
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Haystax Technology is a provider of innovative analytics and cyber solutions for federal, state and local governments as well as the private sector. Haystax offers truly integrated solutions and services in enterprise threat management, cybersecurity and network management to deliver total enterprise protection.

Contact: Jaffrey Ali

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Contact: Kirk Grim

Phone: 978-353-4010

Email: [kgrim@headwallphotonics.com](mailto:kgrim@headwallphotonics.com)

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Booth #7083

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Contact: Cliff Allison

Phone: 703-217-9267

Email: [cliff.allison@here.com](mailto:cliff.allison@here.com)

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[www.thehumangeo.com](http://www.thehumangeo.com)

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Email: [info@thehumangeo.com](mailto:info@thehumangeo.com)

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Contact: Joseph Fargnoli  
Phone: 585-298-8582  
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Email: [changg@us.ibm.com](mailto:changg@us.ibm.com)

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Contact: Randy Brown  
Phone: 703-489-0201  
Email: [randy.brown@ices-inc.net](mailto:randy.brown@ices-inc.net)



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Contact: Trey Giffin

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Email: [trey.giffin@ikegps.com](mailto:trey.giffin@ikegps.com)

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Contact: John Sullivan

Phone: 301-371-3580

Email: [jsullivan@infobloxfederal.com](mailto:jsullivan@infobloxfederal.com)

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Phone: 301-980-6814

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Phone: 888-230-2181

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Booth #4093

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Serving government and industry for more than three decades, Iron Bow Technologies provides business-aligned IT consulting, managed services and full-lifecycle solutions. Leveraging leading technology and as-a-service options, the company designs, builds and manages collaboration, cyber security, data center, mobility and network solutions that are on-target with customer missions.

Contact: Gary Coppeler

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# EXHIBITOR PROFILES

## Jacobs

Booth #3113  
[www.jacobs.com](http://www.jacobs.com)

Jacobs is one of the world's largest, most diverse providers of technical and professional services to the intelligence, space and special operations communities. We focus on the crucial linkages between technology solutions and operational mission support. Jacobs provides mission critical ground and computer network operations, secure VTC, telecommunications, cybersecurity and insider threat programs.

Contact: Vincent Mihalik  
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Email: [vincent.mihalik@jacobs.com](mailto:vincent.mihalik@jacobs.com)

## Juniper Networks

Booth #3098  
[www.juniper.net/federal](http://www.juniper.net/federal)

As an industry leader in network innovation, Juniper Networks is focused on designing and delivering systems and software that fit the needs of our worldwide customers. For hundreds of U.S. Federal Government organizations, Juniper understands and implements high-performance, scalable, and cost-effective networking environments that meet security, efficiency, and mission objectives.

Contact: Chris Murphy  
Phone: 703-405-0521  
Email: [cemurphy@juniper.net](mailto:cemurphy@juniper.net)

## Keeper Technology

Booth #4116  
[www.keepertech.com](http://www.keepertech.com)

Keeper Technology has a 10 year history of architecting, deploying, and supporting enterprise class data storage and data management solutions. Keeper's revolutionary keeperSAFE storage appliance solves the hard problems of managing billions of files and petabytes of data through a unique combination of open source technology, Keeper intellectual property, and tightly integrated hardware.

Contact: Kevin Reed  
Phone: 571-292-3381  
Email: [kevin.reed@keepertech.com](mailto:kevin.reed@keepertech.com)

## KEYW Corporation

Booth #1059  
[www.keywcorp.com](http://www.keywcorp.com)

KEYW is a specialized provider of mission-critical geospatial intelligence and cybersecurity to US Government defense, intelligence and national security agencies and commercial enterprises. We develop and deploy novel processing techniques for EO/IR, Hyperspectral, LiDAR, Radar, SIGINT, OSINT and other GEOINT sensors. We provide airborne, ground vehicle and handheld collection systems.

Contact: Joe Logan  
Phone: 443-733-1600  
Email: [jlogan@keywcorp.com](mailto:jlogan@keywcorp.com)

## L-3

Booth #6065  
[www.l-3com.com](http://www.l-3com.com)

L-3's full spectrum of geospatial solutions support all stages of the intelligence cycle and combine multi-source intelligence with geospatial analysis and visualization to yield powerful insights and accelerate decision making. Mission-essential professionals support the most vital functions of national security in the US and forward-deployed locations around the world.

Contact: Larry Fairchild  
Phone: 703-434-4332  
Email: [larry.fairchild@l-3com.com](mailto:larry.fairchild@l-3com.com)

## Learning Tree International

Booth #4110  
[www.learningtree.com](http://www.learningtree.com)

Learning Tree is a leading provider of hands-on IT and management training with a library of over 6,000 pre-scheduled courses. Since 1974, over 2.3 million course participants from over 66,000 businesses and government organizations around the world have enhanced their skills and achieved certifications under the guidance of expert instructors.

Contact: Karen Najjoun  
Phone: 703-925-5610  
Email: [karen\\_najjoun@learningtree.com](mailto:karen_najjoun@learningtree.com)

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L-3's integrated approach to enabling geospatial intelligence operations provides our customers with some unique advantages:

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## Leidos

Booth #3169  
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Contact: Karen Pifer  
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Email: [piferk@leidos.com](mailto:piferk@leidos.com)

## LexisNexis

Booth #8050  
[www.lexisnexis.com/government](http://www.lexisnexis.com/government)

LexisNexis provides flexible data feeds of over 30,000 separate information sources to the intelligence community allowing analysts to corroborate existing data with verifiable, licensed content. LexisNexis supplies data that helps analysts maximize efficiency, utilizing single search. Analysts can work smarter, be more agile and quickly respond to incidences.

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Email: [adam.dietz@lexisnexis.com](mailto:adam.dietz@lexisnexis.com)

# EXHIBITOR PROFILES

## LizardTech

Booth #3102

[www.lizardtech.com](http://www.lizardtech.com)

Since 1992, LizardTech has delivered state-of-the-art software products for managing and distributing massive, high-resolution geospatial data such as aerial and satellite imagery and LiDAR data. LizardTech pioneered the MrSID technology, a powerful wavelet-based image encoder, viewer, and file format and now has offices in Seattle, Denver, London and Tokyo.

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## Lockheed Martin

Booth #6133

[www.lockheedmartin.com/geoint](http://www.lockheedmartin.com/geoint)

Lockheed Martin has helped chart the course of vital national intelligence systems for more than 30 years. We create solutions to help our customers transform raw imagery and sensor data into layered, detailed geospatial intelligence supporting troops on the battlefield, intelligence agents worldwide, and emergency responders here at home.

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Email: [david.e.messina@lmco.com](mailto:david.e.messina@lmco.com)

## LogRhythm

Booth #11076

[www.logrhythm.com](http://www.logrhythm.com)

LogRhythm, the leader in security intelligence and analytics, empowers organizations around the globe to rapidly detect, respond to and neutralize damaging cyber threats. The company's patented and award-winning platform uniquely unifies next-generation SIEM, log management, network and endpoint forensics, and advanced security analytics.

Contact: Gavin Moore

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Email: [gavin.moore@logrhythm.com](mailto:gavin.moore@logrhythm.com)

## Lookout

Booth #1091

[www.lookout.com](http://www.lookout.com)

Lookout is a cybersecurity company that predicts and stops mobile attacks before harm is done to an individual or an enterprise. Our cloud-based technology is fueled by a global sensor network of more than 60 million users and tens of thousands of apps that are added daily.

Contact: Jason Shippee

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Email: [jason.shippee@lookout.com](mailto:jason.shippee@lookout.com)

## Los Alamos National Laboratory

Booth #8116

[www.lanl.gov](http://www.lanl.gov)

LANL is a multidisciplinary, capability-based research institution engaged in strategic science, enhancing national security by ensuring the safety, security, and reliability of the U.S. nuclear deterrent; developing technologies to reduce global threats; and solving other emerging national security and energy challenges.

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Email: [seigel@lanl.gov](mailto:seigel@lanl.gov)

## Mapbox

Booth #4137

[www.mapbox.com](http://www.mapbox.com)

Mapbox is an open-source platform for custom maps and geo applications, a canvas for everything location, and a new GIS architecture. Map 6 billion tweets, process a globe's worth of satellite imagery, or analyze 60 years of hail data with Mapbox tools.

Contact: Matt Irwin

Phone: 317-319-5815

Email: [irwin@mapbox.com](mailto:irwin@mapbox.com)

## MapLarge

Booth #5120

[www.maplarge.com](http://www.maplarge.com)

MapLarge is a GeoSpatial Platform for Big Data Analytics, Visualization and Publishing. Maplarge Advanced Analytics provide real time geospatial analytics on over 15 billion location events per day and trillions of historical events. MapLarge Mapping Engine and Network Graph Engine provide dynamic query and rendering capability for large web service deployments.

Contact: Lynwood Bishop

Phone: 404-797-3408

Email: [lynwood@maplarge.com](mailto:lynwood@maplarge.com)

# EXHIBITOR PROFILES

## Mappt

Booth #3060

[www.mappt.com.au](http://www.mappt.com.au)

Mappt is a low-barrier-to-entry Android mobile GIS app that breaks away from the traditional dependency on pre-existing desktop packages. Mappt seeks to democratise the mobile GIS industry by providing a simple interface, all within a competitively priced package that is easily deployable to field GIS.

Contact: Piotr Dancewicz

Phone: +61 430 111 000

Email: [piotr@takor.com.au](mailto:piotr@takor.com.au)

## MapR Technologies

Booth #4146

[www.mapr.com](http://www.mapr.com)

MapR delivers on the promise of Hadoop with a proven, enterprise-grade platform that supports many mission-critical and real-time production uses. MapR brings unprecedented dependability, ease-of-use, and world-record speed to Hadoop, NoSQL, database and streaming applications in one unified Big Data platform. Visit [www.MapR.com](http://www.MapR.com) to learn more.

Contact: David Lessa

Phone: 703-973-4243

Email: [dlessa@mapr.com](mailto:dlessa@mapr.com)

## Mapsense

Booth #3064

[mapsense.co](http://mapsense.co)

There are almost 10 billion devices streaming location data that didn't exist just a few years ago - traditional GIS tools weren't built for this sort of scale and speed. Our mapping engine & developer tools help organizations build powerful, interactive applications to unlock the value in massive and streaming datasets.

Contact: Erez Cohen

Phone: 818-519-2836

Email: [erez@mapsense.co](mailto:erez@mapsense.co)

## MarkLogic Corporation

Booth #8073

[www.marklogic.com](http://www.marklogic.com)

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Contact: Kim Kok

Phone: 877-992-8885

Email: [sales@marklogic.com](mailto:sales@marklogic.com)

## Maryland

Booth #7123

[www.choosemaryland.org](http://www.choosemaryland.org)

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Contact: LaToya Staten

Phone: 410-767-1381

Email: [lstaten@choosemaryland.org](mailto:lstaten@choosemaryland.org)

## MaxVision LLC

Booth #9049

[www.maxvision.com](http://www.maxvision.com)

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Contact: Tim Kavanagh

Phone: 256-428-1984

Email: [tim@maxvision.com](mailto:tim@maxvision.com)

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## **MDA**

**Booth #7077**

[www.mdacorporation.com](http://www.mdacorporation.com)

MDA is a member of USGIF, and a leading source for actionable geospatial intelligence solutions. Actively supporting the U.S. DoD and Intelligence Community for three decades, MDA delivers advanced geospatial services and products for government and commercial programs, employing data products from leading high-resolution satellite missions.

Contact: Kevin Jackson

Phone: 240-833-8294

Email: kevin.jackson@mdaus.com

## **Meadowgate Technologies**

**Booth #3062**

[www.meadowgate.us](http://www.meadowgate.us)

Certified HUBZone, Small Business IT solution provider and value-added reseller with a DD254 & Integration Facility in Savage, MD. Multiple contracts holder with System Integrator's supporting the Federal Government and prime contracts directly with Federal agencies. Specializing in Secure Supply Chain, Computers, Networking, High Performance Computing, Enterprise Storage, Peripherals, Services and Software (Cloud, Analytics, Virtualization and Cyber Security).

Contact: Phil Loperfido

Phone: 267-626-9126

Email: loperfido@meadowgate.us

## **Mellanox Federal Systems**

**Booth #2061**

[www.mellanoxfederal.com](http://www.mellanoxfederal.com)

Mellanox Federal Systems is a leading supplier of end-to-end Infiniband and Ethernet interconnect solutions and services for servers and storage, and set the standard for performance, size and cost. Mellanox solutions are used by federal agencies in the areas of cloud computing, defense/intelligence, big-data analysis and High Performance Computing (HPC).

Contact: Kyle Maida

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Email: kyle@mellanoxfederal.com

## **Micron**

**Booth #7044**

[www.micron.com](http://www.micron.com)

Micron is a global leader in advanced semiconductor systems, with more than 35 years of memory expertise. Micron's broad portfolio of high-performance DRAM, NAND Flash, NOR Flash, SSDs, modules, MCPs, and other system solutions enable the world's most innovative computing, consumer, enterprise storage, networking, mobile, embedded and automotive applications.

Contact: James Board

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Email: jboard@micron.com

## **Mongo Data Base**

**Booth #9083**

[www.mongodb.org](http://www.mongodb.org)

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Contact: Janet Galope

Phone: 301-613-0451

Email: janet.galope@10gen.com

## **MontaVista Software**

**Booth #8041**

[www.mvista.com](http://www.mvista.com)

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Contact: Jim Gallagher

Phone: 408-943-7445

Email: jgallagher@mvista.com

# EXHIBITOR PROFILES

## MotionDSP Inc.

Booth #10074

[www.motiondsp.com](http://www.motiondsp.com)

MotionDSP is a leading provider of advanced imaging processing and computer vision software that helps commercial organizations and governments extract critical information from real-time video to answer high stakes questions. MotionDSP's solutions support operational deployments within the US Department of Defense and National Intelligence agencies, as well as law enforcement communities and commercial markets.

Contact: April Dewart

Phone: 650-288-1164

Email: [sales@motiondsp.com](mailto:sales@motiondsp.com)

## National Geospatial-Intelligence Agency (NGA)

Booth #7111

[www.nga.mil](http://www.nga.mil)



NGA delivers world-class geospatial intelligence, or GEOINT that provides a decisive advantage to warfighters, policymakers, intelligence professionals and first responders. Both an intelligence agency and combat support agency, NGA fulfills the president's national security priorities in partnership with the U.S. Intelligence Community and the Department of Defense. NGA also is the lead federal agency for GEOINT and manages a global consortium of more than 400 commercial and government relationships. For more information about NGA visit our website at [www.nga.mil](http://www.nga.mil), like us on Facebook at [www.facebook.com/NatIGEOINTAgency](http://www.facebook.com/NatIGEOINTAgency) and follow us on Twitter at [www.twitter.com/nga\\_GEOINT](http://www.twitter.com/nga_GEOINT).

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## National Reconnaissance Office (NRO)

Booth #7105

[www.nro.gov](http://www.nro.gov)

The National Reconnaissance Office (NRO) is a joint Department of Defense-Intelligence Community organization responsible for developing, launching, and operating America's intelligence satellites. Using NRO data, the National Security Agency, National Geospatial-Intelligence Agency, and other NRO mission partners produce intelligence products for the President, Congress, national policymakers, warfighters, and civil users.

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# EXHIBITOR PROFILES

## National System for Geospatial Intelligence (NSG)

Booth #8099  
[www.nga.nsg.mil](http://www.nga.nsg.mil)

The Functional Manager for Geospatial Intelligence (GEOINT) oversees and guides the discipline as an enterprise distinct from individual organizational affiliations. The functional manager leads and guides the NSG, which is the operating framework supported by producers, consumers or influencers of GEOINT. Spanning defense, intelligence, civil, commercial, academic and international sectors, the NSG contributes to the overall advancement of the GEOINT function within the strategic priorities identified by the functional manager. The framework facilitates community strategy, policy, governance, standards and requirements to ensure responsive, integrated national security capabilities.

Contact: Trina Patterson  
Phone: 571-557-4029  
Email: [nsg\\_engagement@nga.mil](mailto:nsg_engagement@nga.mil)

## National Training & Simulation Association (NTSA)

Booth #2091  
[www.trainingsystems.org](http://www.trainingsystems.org)

The National Training & Simulation Association (NTSA) provides the training, simulation, related support systems and training services industries a focused, formal organization to represent and promote their business interests in the market place. NTSA is an affiliate of National Defense Industrial Association (NDIA). NDIA is America's leading Defense Industry association promoting National Security.

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Email: [dlangelier@ndia.org](mailto:dlangelier@ndia.org)

## Naval Postgraduate School, Remote Sensing Center

Booth #7117  
[www.nps.edu/rsc](http://www.nps.edu/rsc)

The Remote Sensing Center at the Naval Postgraduate School is an interdisciplinary alliance of faculty, teamed to strengthen remote sensing research, education and technology. We provide intelligence-centered remote sensing education, research and technology solutions to the government and military's intelligence providers.

Contact: R.C. Olsen  
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Email: [olsen@nps.edu](mailto:olsen@nps.edu)

## Navanti Group LLC

Booth #9038  
[www.navantigroup.com](http://www.navantigroup.com)

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Phone: 202-997-6971  
Email: [lallen@navantigroup.com](mailto:lallen@navantigroup.com)

## Nerve

Booth #8052  
[www.nervvetechologies.com](http://www.nervvetechologies.com)

NVSS is an automated search capability which identifies objects of interest in video, images or imagery at extreme speeds and acts as a force multiplier for the analyst. NVSS provides ranked results including likelihood, Geospatial, Temporal, and frame information of object detections. NVSS has many applications including ABI, ATR, TTL, open source.

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Email: [robey@nervvetechologies.com](mailto:robey@nervvetechologies.com)

## NetApp

Booth #4092  
[www.netapp.com](http://www.netapp.com)

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Contact: Tony Ardura  
Phone: 703-918-7200  
Email: [tony.ardura@netapp.com](mailto:tony.ardura@netapp.com)

## NetScout Systems Inc.

Booth #8034  
[www.netscout.com](http://www.netscout.com)

NetScout Systems, Inc. is a market leader in application and network performance management solutions that enable government agencies, enterprises and service providers to assure the quality of the user experience for business and mobile services. NetScout's technology helps manage service delivery and identify performance problems to enable faster resolution and minimize business disruption.

Contact: Andrea Flaherty  
Phone: 978-614-4139  
Email: [andrea.flaherty@netscout.com](mailto:andrea.flaherty@netscout.com)

# EXHIBITOR PROFILES

## New Light Technologies

Booth #3066

[www.newlighttechnologies.com](http://www.newlighttechnologies.com)

NLT provides enterprise IT and GIS solutions through complete GIS system implementation services, from GIS needs assessment through system implementation, maintenance, and ongoing quality assurance/quality control. NLT has helped numerous commercial, federal, state, and local clients achieve the highest levels of return on their investments in IT and GIS technology.

Contact: Ghermay Araya

Phone: 1-800-206-5994

Email: [sales@newlighttechnologies.com](mailto:sales@newlighttechnologies.com)

## Nimble Storage

Booth #9092

[www.nimblestorage.com](http://www.nimblestorage.com)

Nimble Storage knows government agencies shouldn't compromise on performance, capacity, ease of use, or price. To cut costs without performance, they developed the first storage architecture designed from the ground up to seamlessly integrate SSDs with high-capacity disks, all to give you unparalleled performance and capacity efficiency, easier backups and DR, and stress-free operations.

Contact: Todd Roti

Phone: 703-220-8227

Email: [troti@nimblestorage.com](mailto:troti@nimblestorage.com)

## NJVC

Booth #4163

[www.njvc.com](http://www.njvc.com)



NJVC delivers secure, high availability, mission-critical IT efficiency to the global enterprise through IT automation and user-centric solutions in cloud migration, cyber security, enterprise management and monitoring, and hybrid IT transformation and optimization. We partner with our customers to provide innovative solutions that optimize enterprise visibility through continuous alignment of technology to customer need, creating secure, unified, mission-ready IT. With more than 14 years supporting the IC and DoD, NJVC stands ready to deploy our experienced, security-cleared team of mission-driven professionals globally, wherever your mission leads. Learn more at [njvc.com](http://njvc.com).

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Email: [robert.bongianino@njvc.com](mailto:robert.bongianino@njvc.com)

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Booth #1110

[www.epp.noaa.gov](http://www.epp.noaa.gov)

NOAA EPP Cooperative Science Centers' mission is to conduct cutting edge sciences and train/graduate students, particularly from underrepresented communities in NOAA related science missions, NOAA-EPP Science Centers, impact on NOAA and National Science, Technology, Engineering and Mathematics (STEM) workforce statistics by increasing the number of graduates in NOAA mission sciences

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Email: [smerchant@ccny.cuny.edu](mailto:smerchant@ccny.cuny.edu)

## North Avenue Technologies

Booth #3074

[www.northavenue.net](http://www.northavenue.net)

North Avenue Technologies creates mapping applications designed to improve the operational efficiencies associated with the discovery and distribution of geospatial PDFs. Our core product, Memento 5.0, makes it easy to share PDF maps across desktop, mobile and web applications.

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Email: [jpg@northavenue.net](mailto:jpg@northavenue.net)

# EXHIBITOR PROFILES

## Northeastern University

Booth #2111

[www.cps.neu.edu/degree-programs/graduate/masters-degrees/masters-geographic-information-technology.php](http://www.cps.neu.edu/degree-programs/graduate/masters-degrees/masters-geographic-information-technology.php)

The USGIF accredited program offered by Northeastern University provides an online masters degree for working professionals in the GEOINT Community. This program has particular strengths in remote sensing. Instructors have real GEOINT experience and comprise NSF awarded-scholars, federal and state employees, USGIF-, GISP- and CMS-certified scientists, and lead image scientists for the army.

Contact: Dr. Cordula Robinson

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## Northrop Grumman

**NORTHROP GRUMMAN**

Booth #6073

[www.northropgrumman.com](http://www.northropgrumman.com)

Northrop Grumman is a leading global security company providing innovative systems, products and solutions in unmanned systems, cyber, C4ISR, and logistics and modernization to government and commercial customers worldwide. Through the integration of data gathered from all domains and INTs, we create a crucial decision advantage by providing our customers with real-time, situational awareness. Please visit [www.northropgrumman.com](http://www.northropgrumman.com) for more information.

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Email: [timothy.pasierb@ngc.com](mailto:timothy.pasierb@ngc.com)

## Novetta

Booth #10077

[www.novetta.com](http://www.novetta.com)

Novetta is a premier advanced analytics solutions provider focused on the Intelligence, Defense, and Law Enforcement communities. We are strategically positioned at the convergence of commercial and national security priorities and offer capabilities in geospatial analysis; open source intelligence; big data & cyber analytics, correlation, security & forensics; biometrics; cloud; and enterprise-class SOA implementation.

Contact: Andrea Keilholtz

Phone: 703-885-1024

Email: [akeilholtz@novetta.com](mailto:akeilholtz@novetta.com)



## NT Concepts

Booth #8143

[www.ntconcepts.com](http://www.ntconcepts.com)

NT Concepts delivers advanced geospatial, data analytics, and software solutions, coupled with skillful professional services, to enable mission achievement for our Intelligence, DoD, and Federal clients. Our approach integrates leading technologies, proven best practices, and deep expertise, yielding innovative technology solutions to drive operational efficiency and inform critical decision making.

Contact: Skip Maselli

Phone: 703-288-0010

Email: [sales@ntconcepts.com](mailto:sales@ntconcepts.com)

## Nutanix

Booth #8039

[www.nutanix.com](http://www.nutanix.com)

Nutanix delivers web-scale converged infrastructure using software-driven Virtual Computing Platform, natively converging compute and storage into a single solution driving unprecedented simplicity in datacenters. Customers start with a few servers and scale to thousands, with predictable performance and economics. The patented elastic data fabric and consumer-grade management is the blueprint for application-optimized and policy-driven infrastructure.

Contact: Greg O'Connell

Phone: 301-580-2454

Email: [greg.oconnel@nutanix.com](mailto:greg.oconnel@nutanix.com)

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ANALYSIS



AGILE SOFTWARE  
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OGSystems (OGS) is a software and systems development company specializing in Department of Defense (DoD), Intelligence Community (IC), and commercial systems development and integration. Our mission is to provide technically advanced solutions to customers through a culture of constant innovation, effecting positive change in every engagement.



Website  
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Phone  
703 - 870 - 7552

### **Oak Ridge National Laboratory (ORNL)**

**Booth #7127**

[www.ornl.gov/gist](http://www.ornl.gov/gist)

Oak Ridge National Laboratory has been a pioneer in addressing multidisciplinary problems in energy, environment, and national/homeland security since 1969. Today, ORNL is internationally recognized for, and committed to developing novel technological solutions and GEOINT products through GIScience R&D including high performance geospatial computing ranging from regional to global scope.

Contact: Budhendra Bhaduri

Phone: 865-241-3976

Email: [bhaduribl@ornl.gov](mailto:bhaduribl@ornl.gov)

### **OakStream Systems LLC**

**Booth #3070**

[www.oakstreamsystems.com](http://www.oakstreamsystems.com)

OakStream Systems, LLC presents a big data visualization, analytics and interactive discovery tool capable of visualization and analysis of billions of geospatial points in second time.

Contact: Mike Oakes

Phone: 443-865-2773

Email: [mike.oakes@oakstreamsystems.com](mailto:mike.oakes@oakstreamsystems.com)

# EXHIBITOR PROFILES

## **Observera Inc.**

**Booth #8141**

[www.observera.com](http://www.observera.com)

Observera is a high technology, small business that specializes in sophisticated geospatial science, processing and analysis. Located in the Washington D.C. area, Observera has supported the defense, intelligence and commercial communities since 1995 with advanced geospatial information systems, system engineering prototype development, process automation and imagery services.

Contact: Mark Yeshnik

Phone: 703-378-3153

Email: [myeshnik@observera.com](mailto:myeshnik@observera.com)

## **Office of Border Patrol Geospatial Information Systems Branch (OBP-GIS), United States Border Patrol (USBP), U.S. Customs and Border Protection (CBP)**

**Booth #8130**

[www.cbp.gov](http://www.cbp.gov)

OBP-GIS plans, coordinates, and implements GIS services, standards, and programs supporting CBP and the communities it serves. Our role is to increase operational effectiveness, enhance officer safety, facilitate change detection and promote efficient, cost effective resource deployment. We have five core mission objectives: collection, cartography, analysis, tracking, and visualization.

Contact: Patrick Stewart

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Email: [obp-gis@cbp.dhs.gov](mailto:obp-gis@cbp.dhs.gov)

## **OGSystems**

**Booth #4143**

[www.ogsystems.com](http://www.ogsystems.com)

OGSystems (OGS) specializes in products and services for the Department of Defense (DoD), Intelligence Community (IC), and commercial markets in the areas of cyber, geospatial, and corporate management. Our goal is to provide recognizable and trustworthy services to the US Government and commercial businesses in our core service areas.

Contact: Mike Liuzzo

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Email: [mike.liuzzo@ogsystems.com](mailto:mike.liuzzo@ogsystems.com)

## **OmniEarth**

**Booth #3073**

[www.omniearth.net](http://www.omniearth.net)

OmniEarth's future 15-satellite constellation providing high temporal and spatial resolution observation in conjunction with the OmniEarth Analytics Platform enables access to new data insights through customized dashboards and analytics. From GIS software integration to mobile dashboard development or data fusion, this capability can be rapidly deployed for custom solutions.

Contact: Tara Cordyack

Phone: 571-425-2461

Email: [tara.cordyack@omniearth.net](mailto:tara.cordyack@omniearth.net)

## **OpenWhere Inc.**

**Booth #3109**

[www.openwhere.com](http://www.openwhere.com)

OpenWhere is harnessing the power of the world's sensors delivering insights for a smarter and safer planet. We apply cloud computing, location based services, open source technologies, and big data analytics to deliver next generation information services to government and commercial customers. Our experienced team turns sensed data into advanced analytics to support decision makers.

Contact: Christopher Glanzmann

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Email: [cglanzmann@openwhere.com](mailto:cglanzmann@openwhere.com)

## **Oracle**

**Booth #4169**

[www.oracle.com](http://www.oracle.com)

Oracle's National Security Group serves as a trusted partner to the members of the US Intelligence Community by providing them with innovative technology solutions that will assist the US to produce the world's most comprehensive and responsive intelligence.

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Email: [lee.schubert@oracle.com](mailto:lee.schubert@oracle.com)

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## **ORBCOMM**

**Booth #10046**

[www.orbcomm.com](http://www.orbcomm.com)

ORBCOMM is a leading global provider of Machine-to-Machine communication solutions and the only commercial satellite network dedicated to M2M. Our solutions help customers track, monitor and control fixed and remote assets in core verticals such as transportation & distribution, heavy equipment, industrial fixed assets, oil & gas, maritime and government.

Contact ORBCOMM Sales

Phone: 703-433-6400

Email: [sales@orbcomm.com](mailto:sales@orbcomm.com)

## **Orbit Logic**

**Booth #4090**

[www.orbitlogic.com](http://www.orbitlogic.com)

Orbit Logic specializes in mission planning, scheduling, and space situational awareness. Orbit Logic's operationally proven software products create better plans faster with fewer resources, more insight, and less risk. Our highly configurable desktop, web, mobile, and onboard software supports analysis and operations for domains including aerial/satellite imaging and space/ground networking.

Contact: Ella Herz

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Email: [ella.herz@orbitlogic.com](mailto:ella.herz@orbitlogic.com)

## **Orbital ATK**

**Booth #1099**

[www.orbitalatk.com](http://www.orbitalatk.com)

Orbital ATK is a global leader in aerospace and defense technologies. The company designs, builds and delivers space, defense and aviation systems. Products include launch vehicles, propulsion systems, satellites, space components and services. Orbital ATK employs more than 12,000 people in the U.S. and internationally. For more information, visit [www.orbitalatk.com](http://www.orbitalatk.com).

Contact: Jason Mallare

Phone: 301-902-4174

Email: [jason.mallare@orbitalatk.com](mailto:jason.mallare@orbitalatk.com)

## **PAR Government**

**Booth #7159**

[www.pargovernment.com](http://www.pargovernment.com)

PAR Government delivers innovative systems and service solutions for the geospatial intelligence community with a focus on Situational Awareness, FMV, raster imagery, LiDAR, and geospatial information assurance. For 30+ years, PAR has provided cutting edge support to the DoD, Federal, State and local agencies, as well as private industry and global commercial/government markets.

Contact: Wes Cordova

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Email: [wesley\\_cordova@partech.com](mailto:wesley_cordova@partech.com)

## **Penn State World Campus**

**Booth #8064**

[www.worldcampus.psu.edu/geoint](http://www.worldcampus.psu.edu/geoint)

Penn State World Campus, backed by over a century of distance education and 15+ years of outstanding online instruction, offers award-winning online GEOINT programs for professionals who want to confront today's mission-critical challenges. Our goal is to ensure your access to a quality academic experience, anywhere, anytime.

Contact: Todd S. Bacastow

Phone: 877-PSU-GIS1

Email: [bacastow@psu.edu](mailto:bacastow@psu.edu)

## **Pentaho**

**Booth #9088**

[www.pentaho.com](http://www.pentaho.com)

Pentaho addresses the barriers that block your organization's ability to get value from all your data by simplifying, preparing, and blending all forms of data into measurable value. Pentaho provides a holistic approach to services by supporting the entire implementation journey -- from prototypes to customized dashboards to technical support.

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# EXHIBITOR PROFILES

## **PernixData**

**Booth #2073**

[www.pernixdata.com](http://www.pernixdata.com)

PernixData provides software that optimizes virtualized application performance and simplifies data center operations by combining the power of storage intelligence with high speed server media. With PernixData software, customers can leverage any storage platform for capacity, creating a decoupled storage architecture that maximizes design flexibility while minimizing storage costs.

Contact: Jackie Nevarez

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## **Pherson Associates**

**Booth #4078**

[www.pherson.org](http://www.pherson.org)

Pherson Associates, LLC provides training, mentoring, and consulting services. We are the nation's thought leader in developing and teaching structured analytic techniques. We specialize in building analytic communities with tools and techniques that substantially reduce errors rates. We also develop and teach courses in analytic techniques, critical thinking, writing and briefing skills and specialized topics.

Contact: Johanna Shin

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## **Pitney Bowes**

**Booth #4134**

[www.pitneybowes.com/us](http://www.pitneybowes.com/us)

Pitney Bowes (NYSE: PBI) is a global technology company offering innovative products and solutions that enable commerce in the areas of customer information management, location intelligence, customer engagement, shipping and mailing, and global ecommerce. More than 1.5 million clients in approximately 100 countries around the world rely on products, solutions and services from Pitney Bowes.

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## **PIXIA Corp.**

**Booth #6151**

[www.pixia.com](http://www.pixia.com)

PIXIA's technology massively accelerates data access across high volumes of large visual datasets like no other software can. PIXIA puts analysts in control of quickly accessing only the data they need when they need it, anywhere in the world without changing workflows, analytic tools or viewing devices.

Contact: Sales

Phone: 571-203-9665

Email: [sales@pixia.com](mailto:sales@pixia.com)

## **Plexxi / CloudGov Technologies**

**Booth #10040**

[www.plexxi.com](http://www.plexxi.com)

Plexxi is a high performance SDN Layer 1-3 switching fabric designed for dense data center/cloud environments (local and distributed) with multi-tenant WAN capabilities, enabling high utilization of bandwidth for application hosting, such as scale-out virtualized environments and distributed Big Data Analytics across DCs. Deployed within Federal government, cloud providers, financial institutions. CloudGov Technologies (Federal partner)

Contact: JD Jack

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Email: [jd@cloudgovtech.com](mailto:jd@cloudgovtech.com)

## **PLW Modelworks**

**Booth #8047**

[www.plwmodelworks.com](http://www.plwmodelworks.com)

PLW Modelworks delivers the most photo-accurate 3D city models available in the market today. PLW creates accurate, geolocated 3D models using photogrammetric techniques in our Melbourne, FL facilities. PLW Models can be delivered in formats optimized for your needs. Stop by booth #8047 to discuss your PLW 3D model solution!

Contact: Tony Isaacs

Phone: 407-756-5941

Email: [tony@plwmodelworks.com](mailto:tony@plwmodelworks.com)

# EXHIBITOR PROFILES

## **Primordial by Polaris Defense**

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[www.primordial.com](http://www.primordial.com)

Ground Guidance is patented software that plans fast, concealed routes on and off-road for dismounted and mounted soldiers. Ground Guidance route planning software is integrated across NettWarrior, FalconView, TIGR, and TerraExplorer. This middle-ware software package is hardware agnostic, meaning as each of the hardware sensor platforms evolve, the software will support the changes.

Contact: Steve Hersman  
Phone: 763-525-7753  
Email: [steve.hersman@polaris.com](mailto:steve.hersman@polaris.com)

## **Provalis Research**

**Booth #10062**  
[www.provalisresearch.com](http://www.provalisresearch.com)

Provalis Research is a world leading developer of text analytics software with ground-breaking qualitative and quantitative analysis programs, such as QDA Miner, an innovative mixed-methods qualitative data analysis software; WordStat, a powerful add-on module for computer assisted content analysis and text mining; and SimStat, an easy yet powerful statistical software.

Contact: Adam Bendriss Alami  
Phone: 514-899-1672 x503  
Email: [adam@provalisresearch.com](mailto:adam@provalisresearch.com)

## **PTFS**

**Booth #2083**  
[www.ptfs.com](http://www.ptfs.com)

PTFS has been a leading Enterprise Content Management (ECM) provider to Federal, Civilian, Defense, and Intelligence agencies since 1995. ArchivalWare, PTFS's flagship ECM application, is an entirely Web-based product best known for providing geospatial, FOIA & declassification, database integration, and digital library solutions.

Contact: John Yokley  
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Email: [yyokley@ptfs.com](mailto:yyokley@ptfs.com)

## **Pure Storage**

**Booth #10078**  
[www.purestorage.com](http://www.purestorage.com)

Backed by In-Q-Tel, Pure Storage, the all-flash enterprise storage company, enables broad deployment of flash in the federal data center. Compared to traditional disk-centric arrays, Pure Storage all-flash enterprise arrays are 10x faster and 10x more space and power efficient at a price point that is less than performance disk per gigabyte stored.

Contact: Rob Norton  
Phone: 443-857-2806  
Email: [robn@purestorage.com](mailto:robn@purestorage.com)

## **Quantum Corporation**

**Booth #8058**  
[www.quantum.com/government](http://www.quantum.com/government)

Quantum StorNext scale-out storage powers today's most demanding ISR workflows—enabling analysts to capture, process, share, and preserve the growing influx of geospatial data. Designed to meet advances in remote sensors, full motion video, and satellite technologies, Quantum addresses skyrocketing ISR needs with a high-performance, scalable storage solution.

Contact: Don Maruca  
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## **Radiance Technologies**

**Booth #3147**  
[www.radiancetech.com](http://www.radiancetech.com)

Radiance Technologies, is a premier GEOINT and MASINT small business with small-business ingenuity and large-business competencies. Radiance has offices at multiple sites in the U.S. and across the globe. We provide high-quality technical intelligence, systems engineering; technology and prototype development, integration, and testing; and operational support for the DoD, intelligence agencies, and other Government organizations.

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# EXHIBITOR PROFILES

## Raritan Inc.

Booth #2059  
[www.raritan.com](http://www.raritan.com)

Raritan is a proven innovator of power management solutions, DCIM software, and KVM-over-IP for data centers of all sizes. Based in Somerset, NJ, Raritan has a global presence across 38 offices, serving 76 countries and 50,000 locations worldwide. Raritan's award-winning hardware and software solutions increase energy efficiency, improve reliability, and raise productivity.

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## Raytheon

Booth #6109  
[www.raytheon.com](http://www.raytheon.com)

Raytheon Company, with 2014 sales of \$23 billion and 61,000 employees worldwide, is a technology and innovation leader specializing in defense, security and civil markets throughout the world. With a history of innovation spanning 93 years, Raytheon provides state-of-the-art electronics, mission systems integration and other capabilities in the areas of sensing; effects; and command, control, communications and intelligence systems, as well as cyber security and a broad range of mission support services. Raytheon is headquartered in Waltham, Mass. For more about Raytheon, visit us at [www.raytheon.com](http://www.raytheon.com) and follow us on Twitter @raytheon.

Contact: Kevin Brown  
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Email: [kevin\\_t\\_brown@raytheon.com](mailto:kevin_t_brown@raytheon.com)

## Red Hat

Booth #10071  
[www.redhat.com](http://www.redhat.com)

Red Hat is the world's leading provider of open source solutions, using a community-powered approach to provide reliable and high-performing cloud, virtualization, storage, Linux, and middleware technologies. Together with Red Hat's solutions, Red Hat's worldwide support, training, and consulting services provide everything you need to bring the power and freedom of open source into government agencies and enterprises.

Contact: Brian Mickelson  
Phone: 888-733-4281  
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## Red Hen Systems LLC

Booth #2089  
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Mobile GeoINT - Hand-held camera and dismounted full-motion video for directed imagery collected by the disconnected, moving content on the sneaker-net, using off-the-shelf cameras, collected by ad-hoc point-and-shootist as well as missions for spatialists' imaging for photogrammetric precision. Red Hen Systems a leader in spatial patrol and ad-hoc FMV and NITS metadata encoding.

Contact: Monte Warren  
Phone: 970-493-3952 x10  
Email: [monte@redhensystems.com](mailto:monte@redhensystems.com)

## Riegl

Booth #10036  
[www.rieglusa.com](http://www.rieglusa.com)

RIEGL USA delivers cutting edge technology in airborne, mobile, terrestrial, and the newest unmanned LiDAR scanning solutions. From purchase, to system integration, as well as training and support, RIEGL USA stands out as a leader in the industry. RIEGL USA: Building Systems, Delivering Performance.

Contact: Miranda Welky  
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Email: [mwelky@rieglusa.com](mailto:mwelky@rieglusa.com)

# EXHIBITOR PROFILES

## Ringtail Design

Booth #7040

[www.ringtaildesign.com](http://www.ringtaildesign.com)

Ringtail Design delivers custom, extensible software solutions to shorten the decision cycle and enable intelligence discovery. Ringtail's software connects DoD, Intelligence Community & Homeland Security decision makers, commanders and analysts directly with their data through intuitive, multi-INT solutions that work like they think. Our user-centered design process yields powerful mission focused capabilities every time.

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## Riverside Research

Booth #7147

[www.riversideresearch.org](http://www.riversideresearch.org)

Riverside Research delivers total ISR solutions. Our subject matter experts and integrated research laboratories drive innovation by blending decades of expertise in OPIR, data sciences, cybersecurity, and multi-INT data collection to open the aperture beyond traditional GEOINT applications. As a not-for-profit company, our mission is your mission. Let us know how we can help.

Contact: John Boylan

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Email: [jboylan@riversideresearch.org](mailto:jboylan@riversideresearch.org)

## RT Logic

Booth #9059

[www.rtlogic.com](http://www.rtlogic.com)

Efficient, error-free transmission of mission critical high-rate data through constrained SATCOM links and ground networks is a challenge – RT Logic provides wideband real-time downlink, record, processing, and assured transport solutions with unique RF interference cancellation and impaired network mitigation capabilities specifically designed to solve the problem of moving ISR Data reliably and efficiently.

Contact: Steve Gills

Phone: 719-598-2801

Email: [sgills@rtlogic.com](mailto:sgills@rtlogic.com)

## Ryft

Booth #1092

[www.ryft.com](http://www.ryft.com)

The Ryft ONE is the first 1U analytics platform to accelerate even the most complex data analysis to speeds of 10+ Gigabytes per second. The groundbreaking Ryft design allows organizations to ingest, store, and analyze 48 TB of any type of data—unstructured, multi-structured, batch, and streaming – at 100X the performance of conventional systems.

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Email: [tom.taschler@ryft.com](mailto:tom.taschler@ryft.com)

## S2 Analytical Solutions

Booth #3075

[www.s2analyticalsolutions.com](http://www.s2analyticalsolutions.com)

We are a veteran owned, small business providing full life cycle, mission-focused system engineering and analytical services to the U.S. Intelligence Community (IC), Department of Defense (DoD) and other agencies. Our service offerings include: Systems Engineering and Integration; Intelligence, Surveillance, and Reconnaissance; Intelligence Tradecraft Training; Program Management Support; & Cyber Security.

Contact: Steve Bailey

Phone: 703-597-9647

Email: [steve.bailey@s2eas.com](mailto:steve.bailey@s2eas.com)

## Safari Books Online LLC

Booth #9045

[www.safaribooksonline.com](http://www.safaribooksonline.com)

Safari Books Online digital learning library for technology, cyber security and business professionals was established in 2001. Members can access over 43,000 books, videos and conferences on-demand. Safari helps members be remarkable and do remarkable things. Visit our booth today to find how Safari can help your organization.

Contact: Camille O'Connor

Phone: 773-562-8490

Email: [coconnor@safaribooksonline.com](mailto:coconnor@safaribooksonline.com)

## Safe Software

Booth #3094

[www.safe.com](http://www.safe.com)

Safe Software is the maker of FME and the global leader in data transformation technology. FME enables users to easily convert and transform data so that it can be shared for use by anyone who needs it. FME is used by organizations worldwide to efficiently overcome data interoperability challenges.

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## **Sandia National Laboratories**

**Booth #8134**  
[www.sandia.gov](http://www.sandia.gov)

Sandia National Laboratories is a government-owned/contractor operated facility managed by Sandia Corporation for the U.S. Department of Energy's National Nuclear Security Administration. Sandia is recognized as a national leader in preventing technological surprise, anticipating threats, and providing innovative, science-based system engineering solutions to our nation's most challenging national security problems.

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## **SAP NS2**

**Booth #7033**  
[www.sapns2.com](http://www.sapns2.com)

SAP National Security Services, Inc. (SAP NS2) is an independent U.S. subsidiary of the global software company SAP, offering a full suite of world-class enterprise applications, analytics, database, cyber security, cloud, and mobility software solutions with specialized levels of security and support to meet the unique mission requirements of national security and critical infrastructure customers.

Contact: Chandler Hill  
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Email: chandler.hill@sapns2.com

## **SAS**

**Booth #8152**  
[www.sas.com](http://www.sas.com)

SAS is the leader in predictive analytics software and services. Through innovative solutions, SAS helps government and military intelligence fully utilize all available data to solve complex problems and reveal national security threats. Since 1976, SAS has been giving customers around the world THE POWER TO KNOW. [sas.com/national-security](http://sas.com/national-security)

Contact: Gail Bamford  
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Email: gail.bamford@sas.com

## **Scala Storage**

**Booth #4064**  
[www.scalastorage.com](http://www.scalastorage.com)

At Scala Storage we pride ourselves on bringing our customers the best storage needs possible. Scala Storage uses Clustered Scale-Out Architecture to grow with your expanding data. Clustered Scale-Out Architecture allows for flexible expandability in terms of storage capacity and performance. At Scala Storage we grow with you.

Contact: Stanley Chan  
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Email: stanleychan@sansdigital.com

## **Scene Sharp Technologies Inc.**

**Booth #10054**  
[www.fuzego.com](http://www.fuzego.com)

Scene Sharp Technologies is focused on creating a common operating environment for actionable decisions through unique image fusion capabilities. As industry focus shifts to interoperability and streamlined workflows, Scene Sharp simplifies and automates that process by combining multiple image data sets (MS, SAR, SWIR, etc.) so more valuable analytics can be performed.

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## **Scitor Corp.**

**Booth #8032**  
[www.scitor.com](http://www.scitor.com)

For over 35 years, Scitor Corporation has partnered with the DoD and Intelligence Communities providing specialized expertise and meaningful insights through Innovative Total System Solutions to our nation's policymakers, warfighters, intelligence analysts and domestic civil agencies. Scitor delivers high performance, customer-focused, trusted advisors guiding our customers' decisions, operations and actions for mission success every day.

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# EXHIBITOR PROFILES

## **SDL Government Inc.**

**Booth #4108**  
[www.sdlgov.com](http://www.sdlgov.com)

SDLGov language technology translation solutions are easily adaptable for specific domains and custom applications, providing a universal architecture that delivers linguistic technology to specific deployments. We have developed the first informal machine translation language engine for Social Media that unlocks the full potential of OSINT/SOMEX analytic tools. SDLGov languages cover 93% of the world's population.

Contact: Melchior Baltazar  
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Email: mbaltazar@sdlgov.com

## **Seagate**

**Booth #4109**  
[www.seagate.com/hpc](http://www.seagate.com/hpc)

Seagate resolves geospatial information ingest, analysis and archiving challenges with our ClusterStor Secure Data Appliance, the industry's only MLS certified scale-out storage solution satisfying ICD 503 (DCID 6/3 PL4) requirements. See our MLS ecosystem demonstration highlighting the Secure Data Appliance, along with our Hadoop on Lustre and Object Storage solutions. Learn more at booth 4109.

Contact: Mike Moritzkat  
Phone: 703-400-2228  
Email: mike.moritzkat@seagate.com

## **Semantic Research**

**Booth #2077**  
[www.semanticresearch.com](http://www.semanticresearch.com)

Semantica from SRI helps humans make sense of Big Data by identifying patterns, trends, networks and relationships within all source data. Semantica enables Activity Based Intelligence by focusing on specific targets, events, movements and transactions in a given area. The Semantica platform helps people make better, faster, more confident decisions.

Contact: Rick Kellogg  
Phone: 703-927-2825  
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## **ServiceNow**

**Booth #9091**  
[www.servicenow.com](http://www.servicenow.com)

ServiceNow transforms IT by automating and managing IT service relationships. Using our extensible platform, organizations deploy services to create a single system of record to automate manual tasks, standardize processes and consolidate legacy systems. See how ServiceNow transforms IT from the department of no to now by visiting [www.servicenow.com](http://www.servicenow.com).

Contact: Ed Titus  
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Email: edward.titus@servicenow.com

## **Sev1Tech**

**Booth #2093**  
[www.sev1tech.com](http://www.sev1tech.com)

Sev1Tech provides IT, engineering, and program management consulting services to U.S. federal government agencies in defense, homeland security, intelligence, commerce, and justice departments along with major commercial organizations and institutions. Founded in 2010, Sev1Tech is known for its cyber-defense, virtualization, technical, data center, enterprise operations, and applications, along with program management and strategic support services.

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## **SGI**

**Booth #7141**  
[www.sgi.com](http://www.sgi.com)

SGI is a global leader in high performance solutions for compute, data analytics and data management that enable customers to accelerate time to discovery, innovation and profitability.

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Email: bobp@sgi.com

# EXHIBITOR PROFILES

## Sierra Nevada Corporation

Booth #2099  
[www.sncorp.com](http://www.sncorp.com)

Sierra Nevada Corporation (SNC) is a world-class prime systems integrator and electronic systems provider known for its rapid, innovative, and agile technology solutions. Fast-growing and widely diversified, SNC is a high-tech electronics, engineering, and manufacturing corporation that continues to expand our impressive portfolio of capabilities, programs, products and services.

Contact: Taco Gilbert  
Phone: 303-795-0604  
Email: [taco.gilbert@sncorp.com](mailto:taco.gilbert@sncorp.com)

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[www.sigmaspace.com](http://www.sigmaspace.com)

Sigma Space has developed the latest in LiDAR technology with our Single Photon LiDAR (SPL) delivering rapid, high-resolution 3D mapping. With our proprietary timing electronics allowing for range measurements every 26 centimeters, SPL provides, in a single instrument, timely and affordable 3D mapping measuring foliage penetration and wide area bathymetry and topography.

Contact: Katie Fitzsimmons  
Phone: 301-552-6000  
Email: [katie.fitzsimmons@sigmaspace.com](mailto:katie.fitzsimmons@sigmaspace.com)

## Skyline Software Systems Inc.

Booth #7046  
[www.skylinesoft.com](http://www.skylinesoft.com)

Skyline Software Systems, Inc. is a leading provider of 3D geo-spatial visualization and analysis software for the creation and dissemination of customized, interactive, photorealistic 3D environments on desktop, web and mobile. Skyline's applications and services have been selected as the best-of-breed solution by government, military, intelligence and commercial clients globally.

Contact: Matt Harrison  
Phone: 703-378-3780 x112  
Email: [mharrison@skylinesoft.com](mailto:mharrison@skylinesoft.com)

## Solers Inc.

Booth: #7155  
[www.solers.com](http://www.solers.com)

Solers, Inc. is an innovative software development and systems integration company. CMMI Maturity Level 3 certified and Agile processes, Solers delivers high quality solutions of Enterprise Services, Service Oriented Architecture, Cloud Computing, Satellite Ground Systems, Space Situational Awareness, Cybersecurity, Information Assurance, IdAM, Cross Domain Solutions, Data Visualization and Geospatial Applications.

Contact: Gregg Morrison  
Phone: 703-526-0001  
Email: [business.development@solers.com](mailto:business.development@solers.com)

## Space Dynamics Laboratory

Booth #3110  
[www.sdl.usu.edu](http://www.sdl.usu.edu)

The Space Dynamics Laboratory develops innovative solutions for remote sensing challenges - from data acquisition to end-user data exploitation. Expertise includes small satellite technologies, electro-optical systems, prototype hardware and software development, concept validation and demonstration, tactical sensors for real-time data acquisition, data compression and transmission solutions, ground processing/display stations, and screening/exploitation software.

Contact: Amy Secrist  
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Email: [amy.secrist@sdl.usu.edu](mailto:amy.secrist@sdl.usu.edu)

## Spaceknow Inc.

Booth #3063  
[www.spaceknow.com](http://www.spaceknow.com)

Spaceknow is a provider of online platforms for automatic analysis of satellite imagery. By partnering with leading satellite imagery companies, Spaceknow brings the imagery and analytics into an integrated interface for on-demand situational awareness.

Contact: Pavel Machalek  
Phone: 415-349-1576  
Email: [pavel@spaceknow.com](mailto:pavel@spaceknow.com)

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## Spectra Logic

Booth #2105

[www.spectralogic.com](http://www.spectralogic.com)

Spectra Logic develops deep storage solutions that solve the problem of long term storage for business and technology professionals dealing with exponential data growth — including archive, backup, cold storage, cloud and private cloud.

Contact: Glenn Saxman

Phone: 303-449-6400

Email: [glenns@spectralogic.com](mailto:glenns@spectralogic.com)

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Splunk Inc. provides the leading platform for Operational Intelligence. Splunk software searches, monitors, analyzes and visualizes machine-generated big data from websites, applications, servers, networks, sensors and mobile devices. More than 9,000 organizations use Splunk software to deepen business and customer understanding, mitigate cybersecurity risk, improve service performance and reduce costs.

Contact: Tom Beck  
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Email: [tbeck@splunk.com](mailto:tbeck@splunk.com)

## **SRC Inc.**

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SRC is a not-for-profit research and development company and SRCtec is its high-tech manufacturing and lifecycle support subsidiary. Together, they are redefining possible with unique, next-generation solutions of national significance in defense, environment and intelligence.

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Phone: 315-452-8998  
Email: [jlosecco@srcinc.com](mailto:jlosecco@srcinc.com)

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SRI International is a leader in R&D and technology transition for the Intelligence Community and DoD. Our technology portfolio includes state-of-the-art software and systems for the processing and exploitation of video, imagery, and LIDAR. Visit us at booth #8095 to learn more.

Contact: Ron Krakower  
Phone: 609-734-2493  
Email: [ron.krakower@sri.com](mailto:ron.krakower@sri.com)

## **Symantec**

**Booth #10092**  
[www.symantec.com](http://www.symantec.com)

Symantec protects the world's information and is the global leader in security, backup, and availability. Our products and services protect people and information in any environment—from the smallest mobile device to the enterprise data center to cloud-based systems. Our industry-leading expertise in protecting data, identities gives our customers confidence in a connected world.

Contact: Katie Awad  
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## **Synthos Technologies**

**Booth #11092**  
[www.synthostech.com](http://www.synthostech.com)

Synthos Technologies is a software company staffed with inventors. Together, we're building new ways of interacting with information. Why? Because we believe today's tools are insufficient for the big data world; because powerful analytic capabilities belong within everyone's reach; and because making meaningful sense of massive amounts of information matters. Learn more: [www.synthostech.com](http://www.synthostech.com).

Contact: Geof Milstein  
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Email: [gmilstein@synthostech.com](mailto:gmilstein@synthostech.com)

## **Tableau Software**

**Booth #9073**  
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Tableau Software helps people see and understand data. Used by more than 26,000 customer accounts worldwide, Tableau's award-winning software delivers fast analytics and rapid-fire business intelligence. Create visualizations and dashboards in minutes, then share in seconds. The result? You get answers from data quickly, with no programming required.

Contact: Juan Johnson  
Phone: 206-634-7679  
Email: [jjohnson@tableau.com](mailto:jjohnson@tableau.com)

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**Booth #6101**  
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TASC, an Engility Company, provides systems engineering, integration and decision-support services to Space agencies and the Intelligence Community. TASC's far-reaching perspective on space systems, geospatial intelligence, intelligence operations and other specialized domains allows us to develop national security solutions that extend beyond organizational boundaries. For more information and career opportunities, visit our website at [www.tasc.com](http://www.tasc.com).

Contact: Dave Waldrup  
Phone: 703-449-3556  
Email: [david.waldrup@tasc.com](mailto:david.waldrup@tasc.com)

## **Technical Innovation**

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Technical Innovation delivers state of the art turn-key design build advanced visualization solutions, including processing, secure VTC, control systems, and JITC approved solutions to mission critical environments within the federal intelligence community. Our solutions are used in command and control applications within tactical operation centers allowing instantaneous dissemination of critical data to enhance situational awareness.

Contact: Jonathon Reany  
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Email: [jreany@technical-innovation.com](mailto:jreany@technical-innovation.com)

## **Tegile Systems**

**Booth #10048**  
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Tegile Systems is a leading provider of intelligent flash arrays. Our mission is to accelerate the transformation of IT by changing the performance and economics of enterprise storage. Our flash arrays, with patented IntelliFlash architecture, deliver high I/O and low latency for databases, server virtualization and VDI. [www.tegile.com](http://www.tegile.com)

Contact: Sales  
Phone: 510-791-7900  
Email: [sales@tegile.com](mailto:sales@tegile.com)

## **teKnoluxion**

**Booth # 3061**  
[www.teknoluxion.com](http://www.teknoluxion.com)

teKnoluxion is a service-disabled veteran owned small business (SDVOSB) that specializes in providing innovative solutions to our customers. Our team of senior engineers and program managers are specialists in operations, enterprise management, web development, virtualization, cloud computing, large-scale transitions, SAFe, software and hardware integration support, and innovative data visualizations with Tableau.

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## **Teledyne Optech**

**Booth #8147**  
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Teledyne Optech is the worldwide leader in the development, manufacture and support of advanced lidar and camera instruments, with a long history of serving the needs of our Defense and Security clients. Teledyne Optech continues to launch game-changing technologies to meet uncompromising mission requirements.

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Email: [barry.cross@optech.com](mailto:barry.cross@optech.com)

## **TeraLogics LLC**

**Booth #10072**  
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TeraLogics enables access to global FMV through our Unified Video family of products. At the heart of NGA's MI Online program, Unified Video enables IC members to watch, find and connect with actionable data. From the enterprise to mobile devices, Unified Video delivers real-time situational awareness, dissemination and storage. Visit us at [www.TeraLogics.com](http://www.TeraLogics.com).

Contact: Mike Harding  
Phone: 571-258-5006  
Email: [harding@teralogics.com](mailto:harding@teralogics.com)



# EXHIBITOR PROFILES

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Email: [slee@terragotech.com](mailto:slee@terragotech.com)

## **Textron Systems**

**Booth #6083**

[www.textronsystems.com](http://www.textronsystems.com)

Textron Systems' businesses develop and integrate products, services and support for aerospace and defense customers, as well as civil and commercial customers including those in law enforcement, security, border patrol and critical infrastructure protection around the globe. Textron Systems' innovative businesses design, manufacture, field and support comprehensive solutions that expand customer capabilities and deliver value.

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Email: [adiaz04@textronsystems.com](mailto:adiaz04@textronsystems.com)

## **The AEGIS Technologies Group Inc.**

**Booth #2075**

[www.aegistg.com](http://www.aegistg.com)

AEGIS is a leader in M&S with expertise in simulation and software development, integration, and analysis; real time, high fidelity 3-D models and rapid terrain database generation; real-time simulators for training and mission rehearsal; flight training device development and refurbishment; HLA/DIS technologies; Command/Control Mission Training; Object oriented analysis/design; and VV&A for software and simulations.

Contact: Del Beilstein

Phone: 256-270-5178

Email: [dbeilstein@aegistg.com](mailto:dbeilstein@aegistg.com)

## **Thetus Corporation**

**Booth #11086**

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Thetus Corporation makes model-enabled enterprise software for organizations that analyze and anticipate risk in complex, interconnected systems and social orders. Savanna, Thetus' flagship browser-based analysis platform, enables analysts to model threats and identify key information to visualize relationships between structured and unstructured data, construct holistic narratives that convey known risks and identify information gaps.

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Email: [crobert@thetus.com](mailto:crobert@thetus.com)

## **Tintri**

**Booth #10095**

[www.tintri.com](http://www.tintri.com)

Tintri builds smart storage that sees, learns, and adapts, enabling IT organizations to focus on virtualized applications and services instead of managing storage infrastructure. Application-aware storage eliminates complex troubleshooting by providing VM-level visibility, control, insight and agility, with flash performance for virtualized environment and the cloud. We power VMs running business critical databases, enterprise apps, desktops and mobile apps, and private cloud deployments.

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Email: [csantiago@tintri.com](mailto:csantiago@tintri.com)

## **TomTom**

**Booth #9075**

[www.tomtom.com/licensing](http://www.tomtom.com/licensing)

TomTom is the leading global supplier of transportation and boundary data, location, logistics, traffic intelligence navigation products and services to the Defense and Intelligence Community. TomTom Licensing delivers the newest, highest quality maps and dynamic content for over 233 countries worldwide. For further information, visit [www.tomtom.com/licensing](http://www.tomtom.com/licensing).

Contact: James Pardue

Phone: 303-880-4306

Email: [james.pardue@tomtom.com](mailto:james.pardue@tomtom.com)

# EXHIBITOR PROFILES

## Transcend Spatial Solutions

Booth #4066

[www.transcendspatial.com](http://www.transcendspatial.com)

Transcend Spatial Solutions (Transcend) is a geospatial information technology services and products company. Transcend specializes in data acquisition, feature extraction, and visualization. Transcend is a woman-owned small business with exceptional GIS consulting and mobile mapping/LiDAR acquisition experience. At the GEOINT symposium, Transcend will showcase its life-cycle acquisition to publication solutions.

Contact: Connie Gurchiek  
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Email: [cgurchiek@tssgis.com](mailto:cgurchiek@tssgis.com)

## TransVoyant

Booth #7071

[www.transvoyant.com](http://www.transvoyant.com)

TransVoyant puts the power of global live data and advanced analytics into the hands of decision makers for the first time in order to deliver better future outcomes. TransVoyant provides timely and actionable information on globally occurring real-time and predicted events through the use of continuous risk mitigation and opportunity assessment technologies and professional services.

Contact: Jim Clautice  
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Email: [jjim.clautice@transvoyant.com](mailto:jjim.clautice@transvoyant.com)

## Tripwire

Booth #10090

[www.tripwire.com](http://www.tripwire.com)

Tripwire is a leading provider of advanced threat, security and compliance solutions that enable enterprises, service providers and government agencies to confidently detect, prevent and respond to cybersecurity threats. Tripwire solutions are based on high-fidelity asset visibility and deep endpoint intelligence combined with business-context and enable security automation through enterprise integration.

Contact: Paul Aubin  
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## TVAR Solutions

Booth #8033

[www.tvarsolutions.com](http://www.tvarsolutions.com)

TVAR Solutions is a value-added reseller that can design, deploy, and manage effective infrastructure, from data centers to cloud to mobile devices. Our senior technical advisors, experienced engineers, and proven performance ensure a fully functional, dynamic, and secure enterprise. TVAR Solutions has the people who make Federal IT simple.

Contact: Stacey Meyer  
Phone: 571-235-6157  
Email: [stacey.meyer@tvarsolutions.com](mailto:stacey.meyer@tvarsolutions.com)

## U.S. Geological Survey / Civil Applications Committee

Booth #7135

[www.usgs.gov](http://www.usgs.gov)

The U.S. Geological Survey provides reliable scientific information to understand the Earth; minimize loss of life and property from natural disasters; manage water, biological, energy, and mineral resources; and enhance and protect our quality of life. The Civil Applications Committee oversees Federal civil use of data from National and commercial systems.

Contact: Joel Cugini  
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## University of Denver

Booth #2109

[www.universitycollege.du.edu/gis](http://www.universitycollege.du.edu/gis)

Earn a GIS certificate or a Master of Science in Geographic Information Science at the University of Denver entirely online or on campus in the evenings. Students in the certificate program can mix and match courses to suit their career needs and transfer those courses towards earning their master's degree.

Contact: Paula Demos  
Phone: 800-347-2042  
Email: [paula.demos@du.edu](mailto:paula.demos@du.edu)

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## University of Southern California

Booth #1114  
[www.spatial.usc.edu](http://www.spatial.usc.edu)

The University of Southern California Spatial Sciences Institute stands out as a worldwide leader in geospatial science education, offering an online M.S. in GIST, graduate certificates in geospatial intelligence and geospatial leadership, and a residential M.S. in Spatial Informatics.

Contact: Ken Watson  
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## UrtheCast

Booth #7045  
[www.urthecast.com](http://www.urthecast.com)

UrtheCast has installed two cameras on the ISS, with additional sensors — a high-resolution dual mode video camera, and a dual-band radar sensor — slated for operation in 2017. UrtheCast's offering is unique: Ultra HD video; SAR and Optical tandem acquisition; a completely cloud-based ground segment; and an interactive web platform.

Contact: Lyne Rainville  
Phone: 604-669-1788  
Email: [lrainville@urthecast.com](mailto:lrainville@urthecast.com)

## United States Geospatial Intelligence Foundation (USGIF)

Booth #1033  
[www.usgif.org](http://www.usgif.org)

The United States Geospatial Intelligence Foundation (USGIF) is a non-profit, educational organization dedicated to promoting the geospatial intelligence tradecraft and building a stronger GEOINT Community across industry, academia, government, professional organizations and individual stakeholders. USGIF annually hosts the GEOINT Symposium, the nation's preeminent and largest intelligence event of the year.

Build the Community | Advance the Tradecraft | Accelerate Innovation

Contact: Jeff Ley  
Phone: 703-793-0109  
Email: [jeff.ley@usgif.org](mailto:jeff.ley@usgif.org)



## USGIF Young Professionals Networking Lounge

Booth #1033  
[usgif.org/community/ypg](http://usgif.org/community/ypg)

The USGIF Young Professionals Group (YPG) serves to unite junior GEOINT professionals within the Defense and Intelligence communities. This group offers events and programs that parallel the Foundation's mission of advancing the geospatial intelligence tradecraft by maximizing on the unique dynamics of our young professional membership based off of their needs and wants from this group. Stop by the USGIF Young Professionals Group Networking Lounge and get to know the future of leaders of the Geospatial Intelligence Community. It is sure to be a hot spot for networking at the GEOINT 2015 Symposium.

Contact: Carrie Drake  
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Email: [ypg@usgif.org](mailto:ypg@usgif.org)

## Veeam Software

Booth #3058  
[www.veeam.com](http://www.veeam.com)

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Contact: George Altevogt  
Phone: 703-362-3002  
Email: [george.altevogt@veeam.com](mailto:george.altevogt@veeam.com)

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[www.vencore.com](http://www.vencore.com)



Vencore is a proven information solutions, engineering and analytics company that helps our customers across Government solve their most complex challenges. For more than 40 years, we have designed, developed and delivered mission-critical solutions as our customers' trusted partner. Our innovations in cyber security, data analysis and technology, and our focus on research, ensure Vencore remains ahead of the ever-changing demands in the market.

Contact: Bill Washburn  
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Email: [william.h.washburn@vencore.com](mailto:william.h.washburn@vencore.com)

## Verizon

Booth #4148  
[www.verizonenterprise.com/federal](http://www.verizonenterprise.com/federal)

Verizon designs, builds and operates the networks and mobile technologies that help government agencies expand reach, increase agility, and maintain longevity. Powered by investments in security, data centers, 4G LTE, and global IP networking, our portfolio of solutions meets the demands and challenges shaping technology and government operations today.

Contact: Charles Robinson  
Phone: 571-375-6734  
Email: [charles.robinson@verizon.com](mailto:charles.robinson@verizon.com)

## VideoBank

Booth #9077  
[www.videobankdigital.com](http://www.videobankdigital.com)

VideoBank specializes in tools for archiving, exploiting & disseminating FMV, static media & GIS data, creating real-time and post Actionable Surveillance Environments. Our new VMR product includes a browser based (low bandwidth) platform for multiple users to share, collaborate, edit and annotate the content managed by the VideoBank system.

Contact: Chris Lazzari  
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## VIDEO INFORM

Booth #3111  
[www.video-inform.com](http://www.video-inform.com)

VIDEO INFORM Visual Profiler, a cognitive computer vision search engine for automatic target acquisition on aerial & satellite imagery. This software solution is designed for operational geospatial intelligence and airborne ISR missions. Visual Profiler makes your imagery more valuable & copes with the growing of information overload and is field-proven.

Contact: Yoram Sagher  
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## ViON Corporation

Booth #7039  
[www.vion.com](http://www.vion.com)

ViON Corporation ([www.vion.com](http://www.vion.com)) designs, delivers and maintains high-end information technology solutions for the military, governments and commercial businesses. A market leader with 35 years' experience, ViON applies deep expertise and mission focus to solve complex enterprise problems and deliver effective results with cloud, big data and other innovative IT solutions.

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## Virtual Instruments

Booth #8083  
[www.virtualinstruments.com](http://www.virtualinstruments.com)

Virtual Instruments delivers the industry's only real-time Infrastructure Performance Management solution. The VirtualWisdom platform provides unparalleled visibility into the performance, health and utilization of the entire open systems infrastructure – empowering customers to guarantee the performance and availability of their mission critical applications across physical, virtual and cloud computing environments.

Contact: John McDonald  
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# EXHIBITOR PROFILES

## **VMware**

**Booth #9094**

[www.vmware.com](http://www.vmware.com)

VMware is the global leader in virtualization and cloud computing solutions from desktop to datacenter. All 15 cabinet level agencies, military services, numerous DoD agencies, joint and unified commands, and many independent Federal agencies rely on VMware to avoid IT infrastructure costs, ensure continuity of operations, and provide secure endpoint computing capabilities.

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Email: [rbrightbill@vmware.com](mailto:rbrightbill@vmware.com)

## **Vormetric Inc.**

**Booth #8085**

[www.vormetric.com](http://www.vormetric.com)

Vormetric protects data-at-rest in physical, virtual, big data and cloud environments. Trusted by businesses and governments for over a decade, Vormetric's Data Security Platform secures the data of more than 1,500 global enterprises—including 17 of the Fortune 30. With Vormetric, a single infrastructure and management environment protects data wherever it resides.

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Email: [mcoxum@vormetric.com](mailto:mcoxum@vormetric.com)

## **Voyager Search**

**Booth #7042**

[www.voyagersearch.com](http://www.voyagersearch.com)

Voyager is an all-in-one, Lucene/Solr solution with an easy-to-use interface for search, data management, document delivery and map visualization. Voyager offers the speed and performance you've come to expect in consumer search across your content. We specialize the presentation of geospatial content, adding spatial context and indexing every file type.

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Email: [randall@voyagersearch.com](mailto:randall@voyagersearch.com)

## **VRICON**

**Booth #4083**

[www.vricon.com](http://www.vricon.com)

THE GLOBE IN 3D — Vricon's 3D technology combined with the world's largest collection of high-resolution commercial satellite imagery revolutionizes the GEOINT tradecraft by conveying a real-world perspective. The highly accurate, sensor agnostic technology enables GEOINT content in an online or offline platform to meet the demands of today's analysts.

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Email: [craig.brower@vricon.com](mailto:craig.brower@vricon.com)

## **WANdisco**

**Booth #1090**

[www.wandisco.com](http://www.wandisco.com)

WANdisco provides enterprise-ready, non-stop software solutions that enable globally distributed organizations to meet today's data challenges of secure storage, scalability and availability. WANdisco's products are differentiated by its patented active-active data replication technology, serving crucial high availability requirements for Hadoop Big Data and Application Lifecycle Management (ALM), including Apache Subversion and Git.

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Email: [gary.schrader@wandisco.com](mailto:gary.schrader@wandisco.com)

## **Washington College GIS Program**

**Booth #1112**

[www.gis.washcoll.edu](http://www.gis.washcoll.edu)

The GIS Program at Washington College is conducting research on megacities using open source intelligence for the DOD with our current focus on Lagos, Nigeria, and will demonstrate our work at GEOINT 2015. We also have several programs to get youth interested in and excited about the geospatial intelligence tradecraft.

Contact: Stewart Bruce

Phone: 443-282-0012

Email: [sbruce2@washcoll.edu](mailto:sbruce2@washcoll.edu)

# EXHIBITOR PROFILES

## **Westway Development Services LLC**

**Booth #4118**

[westwaydevelopmentservices.com](http://westwaydevelopmentservices.com)

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Contact: Mark Webber

Phone: 818-427-8348

Email: [mwebber@westwaydevelopment.com](mailto:mwebber@westwaydevelopment.com)

## **Woolpert**

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[www.woolpert.com](http://www.woolpert.com)

Serving this nation's military has been part of Woolpert's mission and culture for over 50 years. Our geospatial services cover LiDAR, mapping, GIS, sensor development, and systems integration all under one roof to help you obtain and manage the most accurate, interoperable information all in a safe, secured environment. [www.woolpert.com](http://www.woolpert.com)

Contact: Tim Hale

Phone: 937-461-5660

Email: [tim.hale@woolpert.com](mailto:tim.hale@woolpert.com)

## **Zebra Imaging Inc.**

**Booth #1087**

[www.zebraimaging.com](http://www.zebraimaging.com)

Zebra Imaging Holograms open the 3D aperture to more affordable mission visualization capabilities without 3D glasses. Today's threats require easy to train and understand mission planning tools which allow decision makers and operators to rapidly coordinate, collaborate, and take action. Combat proven Zebra Imaging Holographic maps are now available across the US and Allied governments.

Contact: Rick Black

Phone: 512-592-8776

Email: [rblack@zebraimaging.com](mailto:rblack@zebraimaging.com)

## **ZODIAC DATA SYSTEMS - ZODIAC AEROSPACE**

**Booth #7059**

[www.zodiacaerospace.com](http://www.zodiacaerospace.com)

Zodiac Data Systems a high technology company that designs, manufactures and supplies a broad range of products and solutions for airborne & ground telemetry, mission video and flight test recorders, satellite command control, data collection from observation satellites and products and solutions for satellite communications QoS monitoring.

Contact: Alexandre Thily

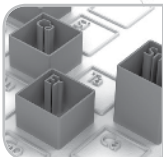
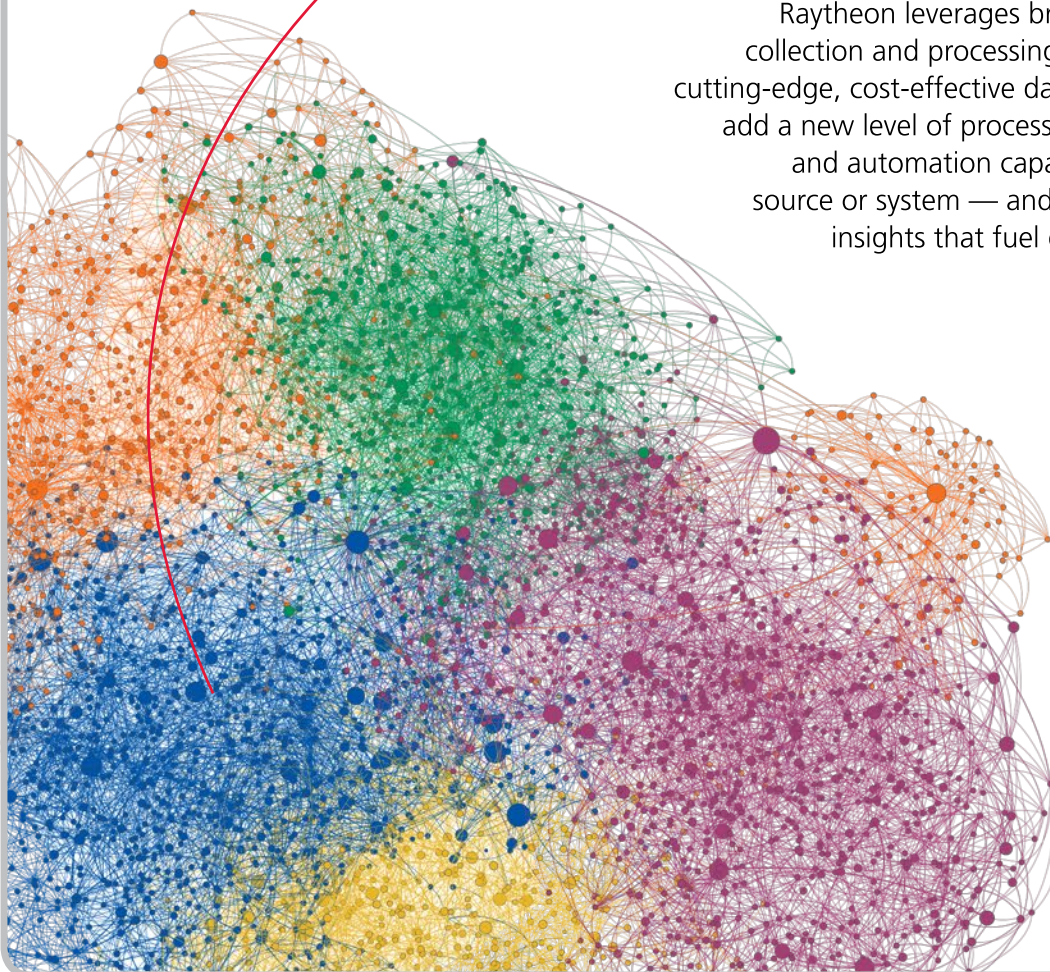
Phone: +33630482523

Email: [alexandre.thily@zodiacaerospace.com](mailto:alexandre.thily@zodiacaerospace.com)

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# MEDIA SPONSORS

## Apogeo Spatial

[www.apogeospatial.com](http://www.apogeospatial.com)



Apogeo Spatial has a 30-year history of communicating the power of geospatial tools and technologies in managing the world's scarce resources and the environment, so that the global population has security—of water, food and energy. With a focus on long-term sustainability of the planet and people, Apogeo Spatial provides visual intelligence elevating global awareness. Business, government, and academic professionals find the information—and inspiration—for using geospatial tools to build a more sustainable world. With the fresh, relevant insights from expert contributors, stunning visuals and clear examples of the technologies, those who make critical policy and business decisions about the world's resources will understand the power of remotely sensed data and solutions.

## C4ISR & Networks

[www.c4isrnet.com](http://www.c4isrnet.com)



C4ISR & Networks is the media brand committed to the dynamic and fast growing network-based defense community, providing the most in-depth, focused and knowledgeable news, analysis and insight on defense IT, cyber defense, communications, GEOINT, unmanned systems, sensors and related C4ISR systems. The U.S. Defense and Intelligence officials rely on C4ISR & Networks for information on advanced weapons platforms, sensor systems, and command and control centers that provide information advantage, battlefield dominance, speed of command and mission effectiveness. C4ISR & Networks is a media product of Gannett Government Media, home to Federal Times, Defense News, Army Times and more.

## Defense Systems

[www.defensesystems.com](http://www.defensesystems.com)



Defense Systems is a bi-monthly publication providing independent insight, analysis and perspective for those in the defense IT world who develop, acquire and manage network-based technologies that facilitate situational awareness and enterprise agility. Visit [www.defensesystems.com](http://www.defensesystems.com) for more information about Defense System's integrated media opportunities.

## Earth Imaging Journal

[www.eijournal.com](http://www.eijournal.com)



Earth Imaging Journal is a bimonthly print magazine covering a range of earth observation and geospatial technologies and applications. Content is crafted to satisfy novice through professional. Columns and articles are written by industry professionals, researchers and magazine staff to illuminate the broad band of applications, products and processes that are shaping the international Earth imaging market.

## Foreign Affairs

[www.foreignaffairs.com](http://www.foreignaffairs.com)



Foreign Affairs is the best source for insight on matters of American foreign policy and global affairs such as defense, finance, health, energy, cyber security, and economics. No other publication has the same access to the leaders who influence headlines. Our content comes from true experts, and the depth of their impartial analysis is unrivaled. In print, online, and at our premium custom events, we convene the thought leaders who inform and engage with today's most sophisticated audiences.

## Geospatial Media & Communications

[www.geospatialmedia.net](http://www.geospatialmedia.net)



Geospatial Media & Communications is an internationally acclaimed media organization working towards promotion of geospatial technology for defense and internal security, apart from various areas of development for the community at large. We have been facilitating and promoting the use of geospatial technologies in India, Asia Pacific, Middle East, Africa, Latin America, and Europe through our print magazine GeoIntelligence and online publications [www.geointworld.net](http://www.geointworld.net) and local, national, regional, and international conferences for the last 17 years. GeoIntelligence is the name of our bimonthly publication and global series of conferences, which is dedicated exclusively to defense, internal security & public safety. For interaction, please visit us at Booth 3149.



# MEDIA SPONSORS

## **GISCafe**

[www.giscafe.com](http://www.giscafe.com)

**GISCAFÉ**

GISCafe is an online magazine offering GIS and geospatial professionals complete GIS product catalog listings, technical papers, GIS news, CEO interviews, multimedia presentations, press releases, event postings, job placement and more. Each GISWeekly Review delivers to its readers news concerning the latest developments in the GIS industry, in a readable newsletter format with feature stories and news bytes. GISCafe receives more than 75,000 unique visitors and its daily newsletter has more than 40,000 subscribers.

## **SpaceNews**

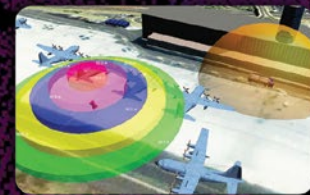
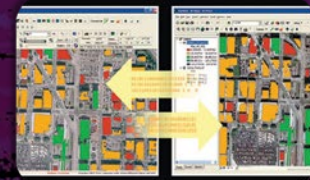
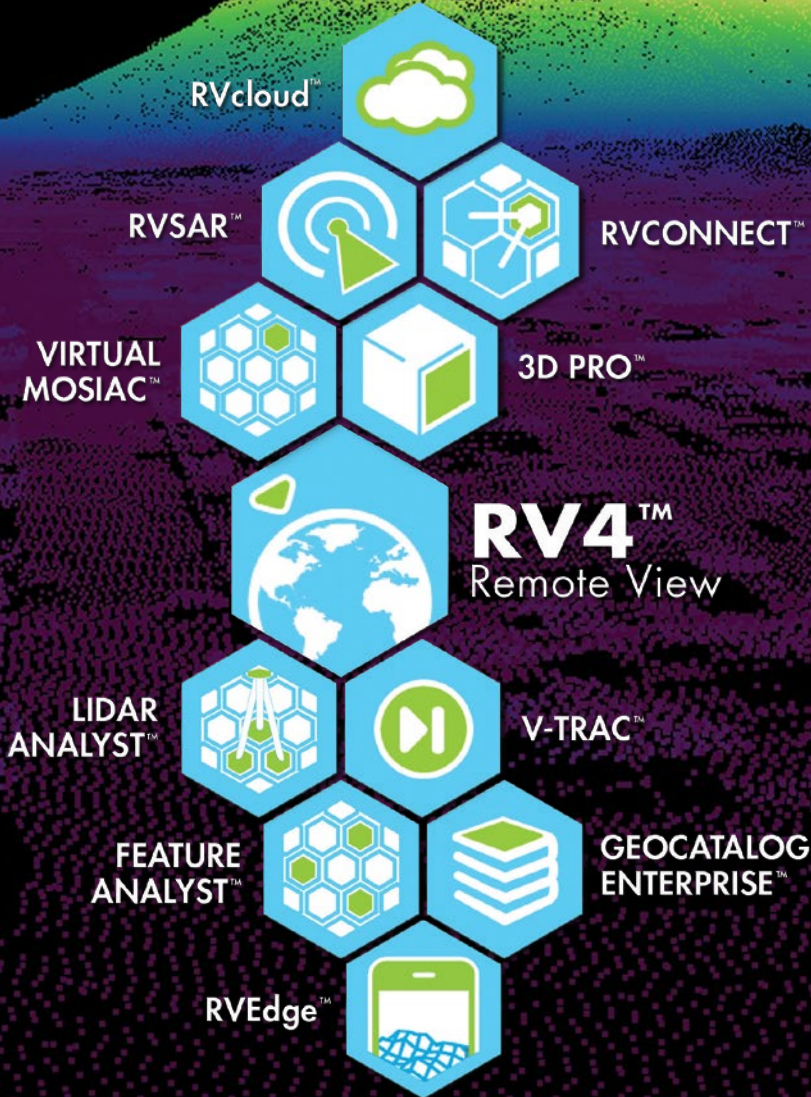
[www.spacenews.com](http://www.spacenews.com)

**SPACE NEWS**

For 25 years, SpaceNews has provided decision-makers throughout the industry with timely and comprehensive space and satellite news, giving them the competitive intelligence they need to succeed. Covering the centers of power and finance throughout the industry, SpaceNews provides a critical perspective that decision-makers rely on. In print or on-line, we provide news, commentary and analysis that make us the leading source of information for the space professional on every major continent. Whether it's the latest trend in military space capabilities, the next space mission, breaking developments in satellite telecommunications or pending launch schedules, SpaceNews keeps them informed.

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# TEXTRON Systems

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# USGIF

United States Geospatial Intelligence Foundation

**Build the Community | Advance the Tradecraft | Accelerate Innovation**

## ABOUT USGIF

The United States Geospatial Intelligence Foundation (USGIF) is a 501(c)(3) nonprofit educational foundation dedicated to promoting the geospatial intelligence tradecraft and developing a stronger GEOINT Community with government, industry, academia, professional organizations, and individuals who develop and apply geospatial intelligence to address national security challenges. USGIF executes its mission through its various programs and events and by building the community, advancing the tradecraft, and accelerating innovation.

# INVOLVEMENT

There are a variety of ways for employees of USGIF Member Organizations and Individual USGIF Members to get involved with the Foundation. USGIF currently has nine working groups, one task force, and six committees serving various needs and interests across the GEOINT Community. Email [info@usgif.org](mailto:info@usgif.org) to learn more about these volunteer opportunities.

## WORKING GROUPS

### Activity-Based Intelligence Working Group

The ABI WG informs and educates the GEOINT Community on a common understanding of Activity-Based Intelligence and enhances communications of the ABI value proposition. [ABI@usgif.org](mailto:ABI@usgif.org)

### Africa Working Group

The AWG encourages professionals from any and all interested communities to create an open dialogue to examine and explore the unique security, environmental, and developmental challenges and solutions on the African continent. [AfricaWG@usgif.org](mailto:AfricaWG@usgif.org)

### Commercial Electro Optical Imagery Working Group

The EO WG promotes the value and use of commercial electro optical imagery and systems through education and training, workshops, forums, and other activities. [EOWG@usgif.org](mailto:EOWG@usgif.org)

### Commercial SAR Satellite Working Group

The CSARS WG educates about the capabilities and advantages of space-based SAR and provides hands-on training for users. [CSARS@usgif.org](mailto:CSARS@usgif.org)

### Modeling & Simulation Working Group

The M&S WG promotes the value and use of improved interoperability of tools and technologies, best practices, and increased sharing of geospatial data across the M&S and GEOINT communities.

[MSWG@usgif.org](mailto:MSWG@usgif.org)

### NRO ASP Industry Advisory Working Group

The NAIAWG brings together industry professionals from hardware, software, systems integrator, and SETA/FFRDC organizations to help the government achieve its agency transformation objectives.

[NAIAWG@usgif.org](mailto:NAIAWG@usgif.org)

### Small Business Advisory Working Group

The SBAWG's primary objective is to assist small business members seeking to gain traction in the GEOINT market by facilitating opportunities to build relationships with the Intelligence Community, Department of Defense, civil agencies, prime contractors, and other small businesses. [smallbusiness@usgif.org](mailto:smallbusiness@usgif.org)

### Small Satellite Working Group

The SmallSat WG educates the USGIF stakeholder community on the user needs for and technical capabilities of SmallSats and associated tasking, processing, exploitation, and dissemination systems.

[smallsatwg@usgif.org](mailto:smallsatwg@usgif.org)

### Young Professionals Working Group

The YPWG is dedicated to promoting, supporting, and encouraging active involvement in the USGIF Young Professionals Group through the development of projects and activities for young professionals in the GEOINT Community. [YPG@usgif.org](mailto:YPG@usgif.org)

## TASK FORCES

### Innovation Task Force

The ITF brings together professionals from government, military, industry, and academia to provide a forum to further accelerate innovation within the GEOINT Community.

## COMMITTEES

### Academic

The Academic Committee is responsible for USGIF's educational initiatives. In addition to providing scholarships for high school, undergraduate, and graduate students, the committee spearheads a collegiate GEOINT accreditation program.

### Outreach

The Outreach Committee is responsible for delivering USGIF's message to public and private partners as well as policy and decision-makers. The Outreach Committee oversees congressional education initiatives, the Interagency Working Group, and the USGIF Awards Subcommittee.

### Planning

The Planning Committee is responsible for overseeing all USGIF events, to include the GEOINT Symposium, GEOINT Community Week, USGIF Workshop Series, GEOINTeraction Tuesdays, and more.

### Strategic

The Strategic Committee sets the direction of the Foundation and is composed of Strategic Partner Member representatives. Subject to oversight by the Board of Directors, this committee researches and recommends areas of strategic opportunity for Foundation operations.

### Technical

The Technical Committee identifies emerging trends and is a collection point for community needs, developing technical aspects of the tradecraft to demonstrate true interoperability from common community standards. Subcommittees include the Interoperability Outreach Subcommittee and Emerging Technologies Subcommittee.

### Tradecraft & Professional Development

The Tradecraft and Professional Development Committee determines the basic and advanced qualifications for GEOINT professionals and assesses education and training programs, which prepare individuals for entry into or advancement in the profession.

# USGIF EVENTS

## The GEOINT Symposium

GEOINT 2015 marks the 11th annual GEOINT Symposium, the nation's preeminent intelligence event. The Symposium has grown beyond the dynamic keynote addresses, panel discussions, and exhibit hall demos to include a pre-conference session devoted to innovation, a young professionals track, an unprecedented GEOINT technology showcase, and training and education opportunities. The symposium's mission—bringing the defense, intelligence, and homeland security communities together to further the GEOINT tradecraft and national security—is unwavering.

## GEOINT Community Week

For one week in November, participants from the Defense, Intelligence, and Homeland Security Communities come together to engage in workshops and briefings, tour technology exhibits, and network with government and industry colleagues. Events take place throughout Northern Virginia, and in 2014 USGIF added partner events throughout the country. Participants have the opportunity to engage in briefings and workshops, tour technology exhibits at USGIF Tech Day, and network with government and industry colleagues. GCW also includes a variety of GEOINT training and education opportunities.

## NGA Tech Showcases East & West

USGIF provides its members and the GEOINT Community with two unparalleled, classified events to witness NGA technology demonstrations up close, tour facilities, and discuss challenges and solutions with government leaders and the agency's workforce.

## USGIF Workshop Series

USGIF Workshops bring the GEOINT Community together to discuss relevant issues in tradecraft and innovation. The workshops tackle topics that span the defense, intelligence, and homeland security communities. Workshops can be organized by region, such as recent technical workshops held in the Denver area or a workshop held at the Defence Geospatial Intelligence Fusion Centre at RAF Wyton in the U.K. They can also be organized by topic, such as a 2014 workshops focused on data analytics, intelligence integration, and public safety.

## GEOINteraction Tuesdays

Held the second Tuesday of every other month, GEOINteraction Tuesday is a casual networking event featuring a guest speaker from the defense, intelligence, or homeland security community to share their views on current issues.

## GeoGala

This black tie affair celebrates the dedication and support of the GEOINT Community and tradecraft. The event brings together leaders from the Defense, Intelligence, and Homeland Security Communities, as well as USGIF Members and guests.

## Chairman's Events

Chairman's Events provide opportunities for USGIF Strategic Partner Members and the Foundation's Board of Directors to meet with and hear from GEOINT Community leadership in a private setting. Hosted by USGIF's Chairman of Board, The Honorable Jeffrey K. Harris, the events include small dinners, private tours of agencies, and exclusive networking opportunities. Chairman's Events are open only to Strategic Partner Members, the USGIF Board of Directors, and invited guests.

## USGIF Thinkers Dinners

The USGIF Thinkers Dinner Series provides government leaders an opportunity to discuss pressing challenges and innovative solutions with industry leaders. The non-attribution event enables government leaders to talk with multiple industry partners and gain a variety of insights, sans company affiliations, on a range of GEOINT Community topics. Discussions center on subjects such as interoperability, risk management, standards, and more.

# EDUCATION

## USGIF Scholarship Program

To further the advancement of the geospatial intelligence tradecraft, USGIF is dedicated to assisting promising students interested in the geospatial sciences with scholarship awards. The USGIF Scholarship Program offers educational funds to students who excel in their academics and demonstrate professional excellence in fields related to the geospatial intelligence tradecraft.

Since 2004, USGIF has awarded \$792,000 in scholarships. 178 students have received USGIF Scholarships:

- 44 Ph.D. candidates
- 55 Graduate students
- 48 Undergraduate students
- 31 Graduating high school seniors

Visit [usgif.org/education/scholarships](https://usgif.org/education/scholarships) for more information on the scholarship program and to read the success stories of past scholarship recipients.

## USGIF Collegiate Accreditation Program

The Collegiate Accreditation Program creates a pipeline for students to receive USGIF's geospatial intelligence certificate accompanying a college degree at accepted colleges and universities. The program benefits the GEOINT Community at large by ensuring a robust workforce.

To date, USGIF has accredited geospatial intelligence certificate programs at 12 academic institutions, with several more in the pipeline:

- Fayetteville State University
- George Mason University
- Northeastern University
- Pennsylvania State University
- United States Air Force Academy
- United States Military Academy
- University of Missouri at Columbia
- University of Redlands
- University of South Carolina
- University of Southern California
- University of Texas at Dallas
- University of Utah

530+ students have graduated with USGIF's GEOINT certificate and at any given time 250+ are in the pipeline to receive the certificate at accredited schools.

# PROFESSIONAL DEVELOPMENT

## Universal GEOINT Certification

In fall 2015, USGIF will offer the first Universal GEOINT Certification to both U.S. and international GEOINT practitioners across multiple industries, military, academia, and federal, state, and local government.

USGIF's Universal GEOINT Certification is being designed for GEOINT professionals across the globe with at least three to five years of real-world experience and a working understanding of physical and human geography. To achieve certification, candidates must pass three rigorous exams based on the fundamentals of remote sensing, GIS, data management, and data visualization.

All exams, recommended training modules, and certification maintenance requirements will fall under the umbrella of USGIF's Universal GEOINT Credentialing Program. The certification is being built to be transportable and transparent—meaning not only will it be globally recognized and applicable to all industries and organizations, but also that USGIF strives to be as transparent as possible in its development and program efforts.

USGIF has reached out to the broader geospatial sciences community to offer a concerted environment for discussing the many disparate but united GEOINT-related credentials. Since April 2014, USGIF has hosted multiple events to gauge interest in community-wide collaboration on certification.

Visit [usgif.org/education/Prof\\_Cert](https://usgif.org/education/Prof_Cert) to learn more about Universal GEOINT Certification.

## Training

USGIF offers training opportunities throughout the year to help GEOINT professionals increase their professional development and better understand every aspect of the GEOINT Community. Trainings have been offered at GEOINT Symposia, GEOINT Community Week, and EO & SAR Working Group sessions. On average, USGIF offers 150 trainings hours per year, many of which are eligible for Continuing Education and/or Professional Development Units.

# PUBLICATIONS

## Trajectory Magazine

*Trajectory*, the official magazine of USGIF, strives to provide high-level thought leadership for members of USGIF as well as for the overall Defense, Intelligence, and Homeland Security Communities. At its core, *trajectory* focuses on the future of geospatial intelligence, but its broader goal is to be the preeminent resource on issues of significance to the greater Intelligence Community. Our promise is to provide relevant, actionable content through a compelling presentation. Our mission is to foster knowledge sharing, discussion, and awareness. To this end, *trajectory* produces articles on national security issues, emerging technologies and trends, related policy, USGIF initiatives, and the individuals who are driving the Community forward. Each issue is an ideal blend of hard-hitting information coupled with lighter lifestyle pieces and is designed to inform, communicate, and entertain. The *trajectory* platform includes a quarterly print magazine, dynamic website, and monthly e-newsletter.

Visit [www.trajectorymagazine.com](http://www.trajectorymagazine.com) to subscribe for free and follow us on Twitter [@trajectorymag](https://twitter.com/trajectorymag).

## USGIF Human Geography Monograph

In April 2014, USGIF published a 232-page monograph titled “Human Geography: Socio-Cultural Dynamics and Challenges to Global Security.” This is the first publication in the USGIF Monograph Series, marking an exciting phase of USGIF professional development.

Edited by Dr. Darryl Murdock, USGIF vice president of professional development; Dr. Robert Tomes, president of the MapStory Foundation and an adjunct professor at Georgetown University; and Dr. Christopher Tucker, principal at Yale House Ventures, the monograph features a collection of articles from more than 30 thought leaders and leading human geography practitioners around the globe. The anticipated audience for this volume includes human geography professionals and academic programs where it would serve as either an excellent primary or secondary human geography textbook.

Topics include Big Data, social media, satellites, the Internet of Things, maps, population, climate, energy, open-source tools, and more.

The monograph is available for purchase on the USGIF website via PayPal, and is also available at [amazon.com](http://amazon.com) and for Amazon Kindle. Visit [usgif.org/education/monograph](http://usgif.org/education/monograph) for more information.

## State of GEOINT Report

What is the current “State of GEOINT” and what waits on the horizon? The answers are essential for professional agility in an era of accelerated GEOINT innovation. USGIF published its first State of GEOINT Report in 2015 to help answer these questions and support GEOINT Community interests and professional requirements.

This inaugural report began with a diverse gathering of more than 50 geospatial intelligence practitioners in October 2014. Participants represented academia, U.S. government, and large and small businesses. They were asked to think through a series of open-ended exercises and define which GEOINT topics, concepts, and challenges they considered “hot,” “not,” and “on the horizon.”

USGIF asked attendees to continue the dialogue by writing short essays to capture the essence of their discussions. These essays form the basis of the 2015 State of GEOINT report. USGIF expects this activity to become an annual event.

Download the 2015 report at [usgif.org/education/StateofGEOINT](http://usgif.org/education/StateofGEOINT)

## The GEOINT Essential Body of Knowledge

In fall 2015, USGIF will launch its professional Universal GEOINT Certification. The development of any new certification begins with the creation of an essential body of knowledge (EBK) for that profession. USGIF produced the GEOINT EBK by conducting a cross-industry job analysis to identify the knowledge, skills, and abilities critical to the GEOINT workforce. This document provides background information and context as well as outlines standards for the broad practice of GEOINT. The GEOINT EBK is at the heart of USGIF’s efforts to professionalize the global GEOINT workforce. Within this document are examples of transparency and transportability, the hallmarks of the USGIF Credentialing Program.

The EBK ultimately resides with the practitioners and academics that apply and advance the GEOINT tradecraft. It includes knowledge of proven practices that are widely applied as well as innovative and advanced practices. Geospatial intelligence is a dynamic tradecraft. As the profession continues to evolve so will the EBK, continuing to reflect appropriate and meaningful changes to the GEOINT tradecraft and to incorporate new approaches to performing tasks that become more prevalent.

Download the EBK at [usgif.org/education/Prof\\_Cert](http://usgif.org/education/Prof_Cert)

# MEMBERSHIP

## I AM USGIF

USGIF membership provides you and your organization exclusive access to GEOINT community leaders and unique opportunities while formalizing your commitment to the only organization dedicated to bringing together academia, government, and industry to build the community, advance the tradecraft, and accelerate innovation.

USGIF offers Individual Membership and Organizational Membership\* to accommodate the needs and interests of the growing GEOINT Community. Whether you're looking to become involved as a professional individual or engage more as an organization, USGIF Membership is the right choice.

### USGIF membership provides many exclusive benefits:

- Significant discounts to all USGIF events
- Admission to members-only events
- Participation in Committees and Working Groups
- Access to training and education sessions
- Affinity program discounts

### Along with these benefits, Organizational Members\* also receive:

- Complimentary GEOINT Symposium registrations
- Discounted exhibit space & advertising at USGIF events
- Corporate branding opportunities



## Individual Membership Levels

Save With Multi-Year Membership	1 Year	3 Year	5 Year
Academic	\$35	\$100	\$157
Law Enforcement / First Responder	\$35	\$100	\$157
Government Employee / Active Duty Military	\$35	\$100	\$157
Young Professional	\$35	\$100	\$157
Industry / Contractor	\$99	\$282	\$445

Lifetime Membership	
Under 50 Years Old	\$950
50 Years Old or Older	\$650

Visit [usgif.org/membership](http://usgif.org/membership) to learn more or join today!

\*For information on Organizational Membership, contact Jeff Ley, Vice President of Business Development and Exhibitions, at [jeff.ley@usgif.org](mailto:jeff.ley@usgif.org)



# I AM



# USGIF

United States Geospatial Intelligence Foundation



Join the only organization dedicated to promoting the geospatial intelligence tradecraft and uniting industry, government, and academia communities.

**Stop by booth #1033 to learn more**

**#IAMUSGIF**

# USGIF BOARD OF DIRECTORS

## CHAIRMAN OF THE BOARD OF DIRECTORS

### THE HONORABLE JEFFREY K. HARRIS

*Chief Executive JKH Consulting LLC*



Jeffrey K. Harris was elected Chairman of the Board of Directors on April 15, 2014. He has contributed to U.S. national security in both Government and Industry for 39 years where he has fostered new technologies, programs and capabilities that have contributed significantly to U.S. national security capabilities. He currently consults with industry and the U.S. Government. He is retired from Lockheed Martin, where he was a corporate officer and served as President of Lockheed Martin Missiles and Space and President of Lockheed Martin Special Programs. Harris has received numerous awards, most notably the National Intelligence Distinguished Service Medal, the CIA Distinguished Service Medal, the NRO Medal for Distinguished Service, the U.S. Geospatial Intelligence Foundation Lifetime Achievement Award, Aviation Week Laureate Citation and the James V. Hartinger Award for military space achievement.

### DR. PEGGY AGOURIS

*Dean, College of Science, George Mason University*



Dr. Peggy Agouris is GMU's Dean of the College of Science. She is also the director of the Center of Earth Observing and Space Research, one of the largest research centers at GMU. Agouris received her diploma in engineering from the National Technical University of Athens, Greece, and her master's and Ph.D. from the Department of Civil and Environmental Engineering and Geodetic Science, Ohio State University. Prior to joining George Mason University in 2007, Agouris was with the Swiss Federal Institute of Technology in Zurich, and the Department of Spatial Information Engineering, University of Maine. Agouris has authored more than 100 articles in journals, books and conference proceedings in the image analysis and computer science literature. She has also edited three books on digital image analysis for geospatial applications as well as two journal special issues.

### THE HONORABLE JOAN AVALYN DEMPSEY

*Executive Vice President, Booz Allen Hamilton*



Joan Dempsey is an executive vice president in Booz Allen Hamilton's defense business, where she leads firm-wide growth and functional integration initiatives. Previously, she led the firm's largest defense and intelligence accounts and was responsible for strategic development, execution, and day-to-day operations in each account. She is a member of the firm's Sensitive Risk Review Board and for several years led the firm's participation in the Aspen Ideas Fest where she continues as a frequent panelist on defense issues, cybersecurity and cyber operations, and women in leadership panels. During a 25-year career in the federal government, Dempsey held political appointments twice: first, in the Clinton Administration upon Senate Confirmation, she served as the deputy director of Central Intelligence for Community Management; and, in the Bush Administration as the executive director of the President's Foreign Intelligence Advisory Board. Dempsey also spent 17 years as a senior civilian in the Department of Defense as deputy director of intelligence at the Defense Intelligence Agency, as director of the General Defense Intelligence Program, and as the deputy assistant secretary of defense for intelligence and security.

## BOARD ADVISOR

### SUSAN M. GORDON

*Director, National Geospatial-Intelligence Agency*



Susan M. Gordon became the National Geospatial-Intelligence Agency's (NGA) sixth Deputy Director on Jan. 1, 2015 after more than 25 years of service with the Central Intelligence Agency. As deputy director of NGA, she assists the director in leading the agency and in managing the National System of Geospatial Intelligence. Gordon previously served concurrently as Director of the CIA's Information Operations Center and as the CIA Director's senior advisor on cyber. She was responsible for fully integrating advanced cyber capabilities into all of CIA's mission areas, while protecting against the cyber threat to the CIA's information, operations and officers. Gordon began her career with the CIA in 1980 as an analyst in the Office of Scientific and Weapons Research in the Directorate of Intelligence, responsible for technical analysis of foreign space and missile systems. She later held several engineering development positions in the CIA's Directorate of Science and Technology, working both national systems and new concepts before moving into a succession of analytic and technical management positions.

# USGIF BOARD OF DIRECTORS

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## PAUL L. GRAZIANI

*Chief Executive Officer & Co-Founder, Analytical Graphics Inc.*



Paul L. Graziani is the chief executive officer and co-founder of Analytical Graphics Inc. (AGI), the producer of commercial off-the-shelf (COTS) analysis software for land, sea, air and space. For the past 20 years, he has championed the use of COTS in the national security and space industries and today, AGI's flagship product STK, is used in more than 35,000 worldwide installations by aerospace, defense and intelligence professionals. Graziani has been nominated for and received a number of entrepreneurial excellence awards at both local and national levels. AGI has also enjoyed strong growth and has been named to numerous prestigious lists, including the Military Training Technology magazine's Top 100, Space News Top 50, Inc. 500, Technology Fast 50, Technology Fast 500, Philly 100 and Softletter Top 100.

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## JOSHUA HARTMAN

*Managing Partner, Horizon Strategies Group*



Joshua Hartman, Managing Partner, was formerly the Chief Executive Officer of Horizon Strategies Group (HSG), before HSG joined Renaissance. He currently sits on several corporate boards, is featured frequently in defense related publications, regularly invited to speak at national and international forums, and has testified in front of the U.S. Senate and the House of Representatives. Previous to his current activities, he was a Principal at the Center for Strategic Space Studies (CS3) and a Senior Associate at the Center for Strategic and International Studies, nonprofit think tanks focused on educating government and industry policy makers on the implications of rapid technology change. He was also appointed as the Staff Director for the National Commission on Research and Development Investment in the Intelligence Community. While in government, Hartman, serving as the Senior Advisor to the Under Secretary of Defense for Acquisition, Technology and Logistics (USD) and Deputy Assistant Secretary of Defense for Space and Intelligence (DASD), was responsible for supporting the USD with a range of functional expertise related to Department of Defense (DOD) and intelligence community systems. Prior to his Pentagon time, he support the U.S. Congress as professional staff on the House Armed Services Committee developing policy on U.S. national security issues and later on the House Appropriations Committee shaping and guiding the DOD budget as well as national security policy and investment strategy.

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## DEWEY R. HOUCK

*Chief Data Analytics Officer, The Boeing Company*



Dewey Houck is the chief data analytics officer of Boeing's Defense Data Analytics Group. He was previously vice president and general manager of Boeing's Information Solutions organization. Houck was formerly vice president of the Intelligence Systems Group within Information Solutions. In his previous role as vice president of the Intelligence Systems Group, Houck was responsible for the horizontal integration of the Intelligence Community through deployment of information sharing technologies and the development of information management components for more effective intelligence planning and analysis. Houck joined the company in 2000 when Boeing acquired Autometric Inc., where he was vice president of Technology Development. He is a Boeing Senior Technical Fellow and holds Master of Science and Bachelor of Science degrees in civil engineering, with specialization in photogrammetry and geodesy, from Virginia Polytechnic Institute and State University, Blacksburg, Va.

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## JOANNE O. ISHAM

*President, Isham Associates LLC*



Joanne Isham is an independent consultant, working with a variety of clients in the defense and intelligence sectors to develop strategies, identify high value opportunities, address critical challenges and transform their business. She retired from the CIA after a distinguished career in 2006. During her Government career she served as Deputy Director of the National Geospatial-Intelligence Agency, Director of Science and Technology for CIA and Director of Congressional Affairs for CIA. Upon her retirement she joined BAE Systems as a Vice President/Deputy General Manager of Network Systems. In addition to managing day-to-day operations, she was directly responsible for identifying strategic opportunities for new mission focus. She then served as the Chief Operating Officer of High Performance Technologies, Inc. where she had management and operational responsibility for the firm. She then joined L-1 Identity Solutions as a Senior Vice President where she was the corporate leader responsible for planning, developing, and executing the L-1 federal market strategy.

# USGIF BOARD OF DIRECTORS

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## JEFF JONAS

*Chief Scientist, IBM Context Computing*



Jeff Jonas is the Chief Scientist of IBM Context Computing. Previously he was the Chief Scientist of the IBM Entity Analytics Group and an IBM Distinguished Engineer. The IBM Entity Analytics Group was formed based on technologies developed by Systems Research & Development (SRD), founded by Jonas in 1984, and acquired by IBM in January 2005. Prior to the acquisition, Jonas led SRD through the design and development of a number of unique systems, including technology used by the Las Vegas gaming industry. One such innovation played a pivotal role in protecting the gaming industry from aggressive “card count” teams, the most notable known as the MIT team featured in the book “Bringing Down the House,” and recent movie “21.” Following an investment in 2001 by In-Q-Tel, the venture capital arm of the CIA, SRD began playing a role in America’s national security and counterterrorism mission. One such contribution includes an analysis of the connections between the individual 9/11 terrorists. This link analysis is now taught in universities and has been widely cited by think tanks and the media.

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## BRIG. GEN. MICHAEL G. LEE, USAF (RET.)

*Partner, National Security, Blue Canopy*



Brigadier General Mike Lee, U.S. Air Force (Ret.) joined Blue Canopy from General Dynamics Information Technology (GDIT) in May 2012. At GDIT, as the Vice President and General Manager for the Military Service Sector, General Lee was responsible for the growth and performance of the Defense Intelligence business unit. The customer base included the Army, Navy, Air Force, and Marine Corps, along with Joint/Combatant Commands and Coalition Forces. Prior to GDIT, he worked at Lockheed Martin Corporation as Vice President of Business Development and Strategic Initiatives and was the Vice President and Executive Director at American Systems Corporation. Lee joined General Dynamics from Lockheed Martin in August 2009. Prior to his entry into the private sector, he served a distinguished 31 year career in the U.S. Air Force. During the last 3 years of his military career he was assigned as the Military Executive at the National Imagery and Mapping Agency (now the National Geospatial-Intelligence Agency – NGA). While at NGA, he was deployed for 22 months to Afghanistan and Iraq as USCENTCOM’s National ISR and C2 coordinator during Operations Enduring and Iraqi Freedom. General Lee’s ability to bring “intelligence to the war fighter” revolutionized NGA’s wartime capabilities. The Director for Central Intelligence (DCI) awarded him the National Intelligence Medal of Achievement for revolutionizing intelligence support to active duty troops. With more than 30 years of hands-on operational management experience, he has proven expertise in worldwide operations and intelligence activities, especially those involving matrixed international management and negotiations.

# USGIF BOARD OF DIRECTORS

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## DR. KEITH E. LITTLEFIELD

*Vice President, Intelligence Solutions and Analytics Division Account Executive, TASC*



As TASC's Intelligence Integration & Analytics (II&A) Division Account Executive, in the Intelligence Solutions & Analytics Sector (ISAS), Dr. Littlefield is responsible for the Office of the Director for National Intelligence (ODNI) and the National Geospatial-Intelligence Agency (NGA) lines of business, managing business development and growth over 25 separate contract activities as part of a \$90M portfolio. He was previously the II&A Division Director and ISAS Deputy after serving as the TASC CTO. Littlefield has spent the bulk of his career managing large, complex acquisition IT programs. He joined TASC from the National Geospatial-Intelligence Agency (NGA), where he served most recently as the agency's chief information officer. In this role, Littlefield was responsible for planning, managing and protecting all GEOINT information technology. Most notably, he was one of six federal CIOs selected to help deliver a common infrastructure across the Intelligence Community, a groundbreaking initiative heavily dependent on technology and acquisition expertise. Previously, he served as the Director of National Intelligence senior acquisition executive with oversight on the Intelligence Community's entire IT portfolio of major systems acquisitions and facilities worldwide. During the course of his 30-year career, Littlefield has garnered numerous awards, including the Director of National Intelligence Superior Service Medal, Presidential Rank Award of Distinguished Executive, and NGA Distinguished Civilian Service Award. Littlefield earned a Ph.D. in advanced geographic information systems from the University of Maryland at College Park; an M.A. in urban and environmental planning as a Thomas Jefferson Fellow at the University of Virginia; and a B.A. in economics and geography at Mary Washington College.

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## BOARD ADVISOR

## ELIZABETH LYON

*Geographer, Engineer Research and Development Center, U.S. Army Corps of Engineers*



For the past five years, Elizabeth Lyon has worked as a geographer with the U.S. Army Corps of Engineers, Engineer Research and Development Center. From 2010 to 2011 she was fortunate to have a unique detail supporting the U.S. Agency for International Development and the Human Performance, Training and BioSystems Directorate within the Office of the Assistant Secretary of Defense for Research and Engineering. Recently nominated to the U.S. Geospatial Intelligence Foundation's Board of Directors, Lyon is looking forward to working with the Young Professionals and supporting the geospatial community. Lyon is currently completing her Ph.D. in computational social science at George Mason University. She has a master's of science in geography from University of Illinois and a bachelor's degree in economics and French from Augustana College.

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## GABRIELA MALDONADO

*Senior Consultant, Booz Allen Hamilton*



Gaby Maldonado is a Senior Consultant at Booz Allen Hamilton supporting the firm's analytics capability focusing on geospatial services. As a GEOINT subject matter expert, Maldonado currently leads the GEOINT production for the Secretary of Homeland Security daily intelligence briefings. Additionally, she provides GEOINT tradecraft development expertise and training to homeland security mission partners. In 2012, she became an active member in the USGIF Young Professionals Working Group, leading several service projects, and networking events for young professionals. Prior to joining Booz Allen Hamilton in 2009, Maldonado started her career as a geodatabase analyst at Esri, where she was the lead geospatial analyst and briefer in support to Infrastructure Protection during national-level incidents and events. Maldonado received an M.A in Geography from Ohio State University. For her master thesis she merged qualitative and quantitative analysis in a cross-sectional study to examine how spatial and contextual accessibility to breast cancer screening centers affects the stage of diagnosis of women diagnosed with breast cancer. She is also a proud graduate of the Pennsylvania State University, where she earned her B.S. in Geography and was an awardee of the Bunton Waller Academic Fellowship.

# USGIF BOARD OF DIRECTORS

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## KEITH J. MASBACK

*Chief Executive Officer, United States Geospatial Intelligence Foundation (USGIF)*



Masback is the Chief Executive Officer (CEO) of the United States Geospatial Intelligence Foundation (USGIF). As CEO, he is responsible for leading the Foundation to accomplish its mission to promote the geospatial intelligence tradecraft and develop a GEOINT Community among government, industry, academic, professional organizations and individuals whose mission focus is the development and application of geospatial intelligence to address national security objectives. Prior to joining USGIF, Masback spent a combined 20 years as an officer in the U.S. Army, and in the government civilian service, culminating as a member of the Defense Intelligence Senior Executive Service at the National Geospatial-Intelligence Agency (NGA). He held a variety of positions at NGA primarily focused on strategic planning and programming. Most recently, he served as the Director, Source Operations Group where he was responsible for tasking the Nation's space-based imagery collection assets. He has served as a member of the Intelligence Task Force of the Defense Science Board, and currently serves as a member of the Department of Commerce, National Oceanic and Atmospheric Administration's Advisory Committee on Commercial Remote Sensing (ACCRES) and the Department of Interior's National Geospatial Advisory Committee (NGAC). Masback grew up in White Plains, NY, and he and his wife Allison have five children.

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## AIMEE MCGRANAHAN

*Chief Operating Officer, United States Geospatial Intelligence Foundation (USGIF)*



Aimee McGranahan currently serves as the United States Geospatial Intelligence Foundation's (USGIF) Chief Operating Office (COO) and is also a member of USGIF's board of directors. In these capacities, McGranahan, who has been a part of the Foundation since its onset, oversees the day-to-day business, as well as advising on and executing the Foundation's strategic vision. Prior to joining USGIF, she worked as a project manager at Northrop Grumman TASC for the Space and Intelligence Operating Unit. McGranahan also served as the proposal coordinator for the largest dollar value contract in TASC history, which earned her the Northrop Grumman President's Award.

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## MATTHEW M. O'CONNELL

*Private Investor & Consultant*



Matt O'Connell is a private investor and consultant. In January 2013, as CEO of GeoEye, he concluded its sale to DigitalGlobe. GeoEye was a leading global provider of satellite and aerial imagery and digital mapping information. O'Connell has extensive experience in communications management and finance. Prior to joining GeoEye, he held executive positions Crest Advisors, a New York-based private merchant bank, Sony Worldwide Networks, and Cablevision Systems Corporation. He began his career as a mergers and acquisitions attorney on Wall Street. Prior to his professional career, O'Connell worked for two years as a musician.

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## STEPHEN S. OSWALD

*Founding Partner, SYZYGY Enterprises*



Stephen S. Oswald is chief operating officer for Information Solutions, a division within Boeing Network and Space Systems business of Boeing Defense, Space & Security. In this role he is responsible for managing the day-to-day operations of the division. Previously, Oswald was vice president and general manager of Intelligence and Security Systems (I&SS), a division of Boeing's Network and Space Systems, where he provided integrated solutions for the intelligence community and homeland security customers in five major program areas: Cyber and Information Solutions, Digital Receiver Technologies, Global Security Solutions, Mission Operations and Mission Systems. Prior to this assignment, Oswald was vice president and program manager of Boeing's Space Shuttle Program, supporting United Space Alliance and NASA in the operation of the shuttle system. During his government career with both the Navy and NASA, Oswald served as a tactical pilot, test pilot, space shuttle astronaut and senior executive. As an astronaut, Oswald flew three space shuttle missions: He piloted two missions aboard Discovery in 1992 and 1993, and commanded STS-67 aboard Endeavour in March 1995. In 1996, Oswald was assigned to NASA headquarters in Washington, D.C., as deputy associate administrator for space operations, responsible for the Space Shuttle, Expendable Launch Vehicles and Space Communications programs for the agency.

# USGIF BOARD OF DIRECTORS

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## THE HONORABLE SUE C. PAYTON

*President, SCI Aerospace Inc.*



The Honorable Sue C. Payton—change agent, acquisition expert, innovative industry leader and public servant—has over 27 years of continued success working in senior industry and government positions with military services, defense agencies, coalition partners, Joint Chiefs of Staff, Office of the Secretary of Defense, the intelligence community, Congress, Universities and the media. As the former assistant secretary of the Air Force, Payton was responsible for all Air Force research, development and acquisition activities. She provided strategy, direction, guidance and oversight of all matters pertaining to the formulation, review, approval and execution of acquisition plans, policies and programs. Payton directed a \$30 billion annual investment that included major weapon systems such as unmanned air vehicles, mobility, ISR and fighter aircraft, and munitions, as well as, capability areas such as alternative fuels, information technology, command and control, intelligence, surveillance and reconnaissance systems. During her tenure with Lockheed Martin and Martin Marietta, Payton was responsible for leveraging the latest information technology needs of DOD and the intelligence community and she resolved complex space system acquisition and technical issues. In her current role, Payton advises business and government executive leaders in areas of corporate governance principles and policies, standards of conduct, strategic business planning including R&D and game changing technology transition, acquisition and logistics approaches to meet national security needs, resource allocations and operating execution plans.

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## JENNIFER K. STANSALL

*Partner Manager, Esri*



Jennifer Stansall is a partner manager for Esri. In this role, she is responsible for building stronger and more effective relationships with key Esri partners focused in the Intelligence Community. Prior to that she was a senior account manager at DigitalGlobe where she was responsible for developing and managing DigitalGlobe's Global Strategic Alliance partners in the commercial and defense and intelligence markets. Previously, she supported a variety of proposal efforts with Defense and Intelligence customers and was a liaison to the National Geospatial-Intelligence Agency (NGA) Commercial GEOINT Solutions (CGS) focused on driving advanced imagery products and services. Additionally, she participated in a two-year rotation at DigitalGlobe's Washington D.C. office supporting business development efforts by conducting statistical and geospatial research and analysis, identifying and influencing technical sales solutions, and promoting awareness and understanding of DigitalGlobe's products and services. Previous to her work in Washington D.C., she was a Strategic Account Manager responsible for managing and executing daily activity of DigitalGlobe's ClearView and NextView contracts with NGA. She also supported various other Defense and Intelligence customers to facilitate satellite collection, production and delivery and ensure the customer's requirements were being met. She received a Bachelor of Arts degree in Geography (GIS/Remote Sensing) from the University of Colorado, Boulder.

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## JEFFREY R. TARR

*President and Chief Executive Officer, DigitalGlobe*



Jeffrey Tarr joined DigitalGlobe in April 2011 as President and CEO. During his career, Tarr has held leadership positions at some of the world's leading information businesses. Prior to DigitalGlobe, he was President and COO of IHS. During his tenure IHS grew from \$400 million in revenue in 2004 to more than \$1 billion in 2010, through both rapid organic growth and more than 40 acquisitions, including Jane's Information Group, Lloyd's Register Fairplay, and Global Insight. Prior to IHS, Tarr was Chairman and CEO of Hoover's, another publicly traded information company and a division president at Dun & Bradstreet. Tarr began his career with Bain & Company. He holds an undergraduate degree in Public and International Affairs from Princeton University's Woodrow Wilson School and an MBA from Stanford University. He currently serves on the board of directors of the Corporate Executive Board.

# USGIF BOARD OF DIRECTORS

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## MICHAEL M. THOMAS

*Executive Vice President, Booz Allen Hamilton*



An Executive Vice President at Booz Allen Hamilton, Mike Thomas is also the Client Service Officer for the firm's Justice and Homeland Security business, which focuses on homeland security, law enforcement, emergency management, and transportation. Prior to joining Booz Allen in 2010, Thomas was president of the Security Product Line at Lockheed Martin's IS&GS organization, where he provided knowledge solutions capabilities, intelligence mission management, and processed and disseminated intelligence data for enhanced national and tactical decision making. Thomas' career highlights include several years as IBM's White House account manager for national federal accounts, and business area manager for new and advanced programs, where he was responsible for a major classified COTS development program. As vice president of special application programs for Lockheed Martin Mission Systems, he led the redirection of the business into imagery and geospatial programs and expanded into the federal, commercial and international markets.

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## DR. CHRISTOPHER K. TUCKER

*Principal, Yale House Ventures*

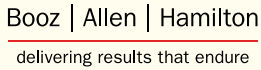


Dr. Christopher K. Tucker manages Yale House Ventures, a portfolio of social ventures and technology companies that span the worlds of energy, geospatial, sensor, cybersecurity, open source and social media technologies, across the domains of defense/intelligence, international affairs, civilian government, commercial industry, NGOs and academe. Tucker was previously senior vice president for the Americas and national programs at ERDAS, a technology provider for geospatial exploitation, analysis, data management/dissemination, information sharing and collaboration across the defense, intelligence, civilian federal, state/local and commercial sectors worldwide. Tucker was also the founding chief strategic officer of In-Q-Tel, the CIA's venture capital fund, focusing his efforts on developing In-Q-Tel's overall strategy for tackling the agency's priority IT problems.



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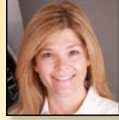
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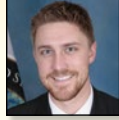
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*USGIF would like to thank its Board of Directors, Members, GEOINT 2015 sponsors, exhibitors, speakers, and attendees for helping make this year's Symposium successful. With your support, USGIF continues to be able to bring together the GEOINT Community through this vital outlet.*

*When reflecting on this year's Symposium, it's impossible not to think of our dedicated committee volunteers. Thanks to their tireless efforts, the valuable discussions you saw were possible because of their ideas and enthusiasm in bringing them to life.*

*GEOINT 2015 would also not have been possible without the hard work of our vendors who continue to provide exhibitors and attendees with a productive atmosphere to do business.*

*We hope the time taken out of your busy schedules to spend with us at GEOINT 2015 was valuable to your career and goals. Thank you for continuing to support USGIF and the GEOINT Symposium.*



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