



GEOINT & OPEN SOURCE ANALYTICS



September 10-11, 2019
American Institute of Architects, Washington, DC

“Advancing GEOINT Capability through Open Source Integration”

September 10, 2019

8:00 – 8:45	Registration and Light Breakfast Reception Open
8:45 – 9:00	Moderator Opening Remarks
9:00 – 9:45	Providing Realistic Training to Army OSINT Professionals <ul style="list-style-type: none">- Filtering through extraneous information to find actionable intelligence- Leveraging AAA to increase analyst capabilities- Challenges ahead in training OSINT experts Kyra Watkin (Confirmed) Capabilities Manager, OSINT Army OSINT Office/G3, INSCOM
9:45 – 10:30	Creating Trusted Geospatial Intelligence Partnerships in a Rapidly Evolving World <ul style="list-style-type: none">- Allowing flexibility when purchasing commercial GEOINT data- Partnering with Industry and Academia to provide real-time Geospatial Intelligence in support of National Defense Missions across the globe- Working with commercial and industry partners to increase GEOINT growth and innovation David Gauthier (Confirmed) Director, Commercial and Business Operations Group National Geospatial-Intelligence Agency
10:30 – 11:00	Networking Break & Exhibits
11:00 – 11:45	Advancing Analyst Capabilities through AI and other Emerging Technologies <ul style="list-style-type: none">- Working with the private sector to unlock IP and advance technology- Using AI as a tool to aid intelligence analysts- Incorporating industry solutions to increase the speed of technology available to analysts Dawn Meyerriecks (Confirmed) Deputy Director, Science and Technology Directorate CIA
11:45 – 12:30	Partnering with Commercial Enterprises to Solve Existing and Emerging Security Challenges <ul style="list-style-type: none">- Leveraging emerging commercial GEOINT services to enhance NRO capabilities- Upgrading cloud computing infrastructures to ease the sharing of data between industry government- Embracing commercial imagery as an element of the NRO's overhead architecture Dr. Troy Meink (Invited) Director of GEOINT NRO
12:30 – 1:30	Networking Lunch & Exhibits

1:30 – 2:15	<p>Integrating GEOINT Systems in Support of USSOCOM Missions</p> <ul style="list-style-type: none"> - Producing enhanced GEOINT and 3D databases in support of the warfighter - Enhancing USSOCOM situational awareness through GEOINT PED automation - Modernizing HPC infrastructure for imagery processing <p>Vincent Grizio (Confirmed) Program Manager, Mission Support Systems USSOCOM</p>
2:15 – 3:00	<p>Applying GEOINT to Deliver Kinetic and Non-Kinetic Targeting Solutions to Commanders Worldwide</p> <ul style="list-style-type: none"> - Utilizing GEOINT to develop a complete picture of the operating environment - Enhancing Air Force targeting capabilities through improved Geospatial knowledge - Leveraging GEOINT to reduce collateral damage on the battlefield <p>Col Mack Curry II, USAF (Confirmed) Commander 363rd ISR Group</p>
3:00 - 3:30	<p>Networking Break & Exhibits</p>
3:30 – 4:15	<p>Employing Open Source Data to Create More Accurate Maps</p> <ul style="list-style-type: none"> - Improving maps by allowing local communities to map themselves - Creating and sharing open and accurate data in way in which it can be used - Challenges sharing data across different organizations with different data formats <p>Dr. Lee Schwartz (Confirmed) Geographer Department of State</p>
4:15 – 5:00	<p>Mapping Earth’s Polar Regions</p> <ul style="list-style-type: none"> - Processing data on the fly to improve arctic measurements - Utilizing polar GEOINT to improve Arctic situational awareness - Developing accurate surface maps of arctic regions <p>Paul Morin (Confirmed) Director Polar Geospatial Center, University of Minnesota</p>
<u>September 11, 2019</u>	
8:15 – 8:45	<p>Registration and Light Breakfast Reception Open</p>
8:45 – 9:00	<p>Moderator Opening Remarks</p>
9:00 – 9:45	<p>Enhancing Public Understanding and Access to Strategic Geospatial Intelligence</p> <ul style="list-style-type: none"> - Increasing transparency around shared public-private interests - Growing authoritative, open-source intelligence on a range of topics - Bridging the gap between the intelligence world and the public <p>Chris Rasmussen (Confirmed) Product Manager, Tearline Program National Geospatial-Intelligence Agency</p>

9:45 – 10:30	<p>Future Considerations for GEOINT Across the Joint Force in a Great Power Competition Environment</p> <ul style="list-style-type: none"> - DoD GEOINT requirements in a future near peer battlefield - Applying automation to GEOINT to increase collection and exploitation capabilities - Exploiting open source data as a geospatial tool in an urban setting <p>RADM Frank D. Whitworth, USN (Invited) Director for Intelligence, J-2 Joint Staff</p>
10:30 – 11:00	<p>Networking Break & Exhibits</p>
11:00 – 12:30	<p>Panel Discussion – Reducing Damage from Natural Disasters through Geodata</p> <p>This panel will discuss using advanced Geodata to predict the outcomes and causes of natural disasters in order to mitigate their destructive capabilities. Modern technology can map and predict the paths of hurricanes, wild fires, and other disasters. Combining this with the increased knowledge that big data has brought to geospatial intelligence can help reduce the devastation that these events wreck on the American people.</p> <p>Dr. David Applegate (Moderator)- Associate Director for Natural Hazards, USGS (Confirmed)</p> <p>Chris Vaughan- Geospatial Information Officer, FEMA (Invited) Tony LaVoi -Chief, Integrated Information Services Division, NOAA (Confirmed) Ben Conklin – Industry Manager for Defense and Intelligence, ESRI (Confirmed) Dr. Ana Bukvic -Assistant Professor, Virginia Tech (Confirmed)</p>
12:30 – 1:30	<p>Networking Lunch & Exhibits</p>
1:30 – 2:15	<p>Supplying Army Commanders with Geospatial and Open Source Intelligence at the Speed of Need</p> <ul style="list-style-type: none"> - Employing cutting edge technology to provide sophisticated geospatial intelligence on foreign ground forces - Using geospatial and open source Intelligence to ensure decision makers maintain a decision advantage to protect U.S. interests -Thoughts on the future requirements for geospatial technology in a great power competition environment <p>LTC (P) Shannon Helberg, USA (Confirmed) Commander Army GEOINT Battalion</p>
2:15 – 3:00	<p>Providing the Nation with Reliable Scientific Information to Better Understand the Earth</p> <ul style="list-style-type: none"> - Advancing our Geospatial Knowledge with Landsat 9 - Incorporating open source information to advance the USGS mission - Partnering with agencies across the government to improve US Geospatial capabilities <p>Kevin Gallagher (Confirmed) Associate Director of Core Science USGS</p>
3:00 – 3:15	<p>Networking & Exhibits</p>

3:15 – 4:00	<p>Solving the Big Data Challenge in GEOINT</p> <ul style="list-style-type: none"> - Leveraging modern computing capabilities to sift through vast of amounts of data - Integrating and blending art, science, math, and history into future GEOINT solutions - Working with the DoD and Industry to equip future geospatial professionals with the skills they need to succeed <p>Jack O'Connor (Confirmed) Director of Geospatial Intelligence Program Johns Hopkins University</p>
4:00 – 4:45	<p>Integrating the Coast Guard and the NGA to Ensure our Nation's Maritime Safety and Security</p> <ul style="list-style-type: none"> - Employing NGA intelligence to facilitate an intelligence-driven Coast Guard - Exploiting open source intelligence to ensure the safety of US Maritime borders - Utilizing Coast Guard/NGA partnership to increase Coast Guard intelligence capabilities <p>LT Luke Carani, USCG (Confirmed) Deputy, GEOINT Department Coast Guard Intel Coordination Center</p>
4:45	<p>End of Summit</p>