GIS is where. We are how.

How you can get a FREE t-shirt.*
How you can bag a new orange highlighter.
How you can experience Mars technology.**
How you can collect everything with ArcGIS™ Online.
How you can be the technological envy of your entire organization.

*Sorry, quantities limited. **Traveling to Mars is not necessary, but a quick trip around the Gaslamp may be in order.
Conference at a Glance

Plenary Session and Keynote Address
Monday, July 8
8:30 AM–3:30 PM
Halls F, G, and H

Map Gallery
- User Map Displays
- Special Displays
Monday, July 8
3:30 PM–8:00 PM
Tuesday, July 9
8:00 AM–6:00 PM
Wednesday, July 10
8:00 AM–6:00 PM
Thursday, July 11
8:00 AM–1:30 PM
Sails Pavilion

Academic GIS Program Fair
Monday, July 8
3:30 PM–7:30 PM
Room 6 A Foyer, Upper Level

Lightning Talks
Monday, July 8
4:30 PM–6:00 PM
Ballroom 20 D

Exhibits
- GIS Solutions EXPO
- Esri Showcase
- Industry Showcases
- User Software Applications Fair
Tuesday, July 9
9:00 AM–6:00 PM
Wednesday, July 10
9:00 AM–6:00 PM
Family Night, 4:00 PM–6:00 PM
Thursday, July 11
9:00 AM–1:30 PM
Halls B, C, and D

GIS Managers’ Open Summit
Tuesday, July 9
8:00 AM–4:30 PM
Ballroom 20 B/C

Hacker’s Sandbox
Tuesday–Thursday, July 9–11
8:30 AM–NOON
Hall B

All sessions will be held in the San Diego Convention Center (SDCC) unless otherwise noted.
ENVI. Turn geospatial imagery into useful information for your GIS on the desktop, for mobile devices, and in the cloud.

Come to Exelis booth #1413 or visit www.exelisvis.com/esri-uc to learn how you can conveniently use ENVI image analysis tools in ArcGIS® for Desktop, ArcGIS for Server, and ArcGIS® Online.
Conference at a Glance

**Esri Store**
Sunday, July 7
NOON–6:00 PM
Monday, July 8
8:00 AM–6:00 PM
Tuesday, July 9
8:00 AM–6:00 PM
Wednesday, July 10
8:00 AM–6:00 PM
Thursday, July 11
8:00 AM–5:00 PM
Hall D Lobby

**Meet the Author**
Tuesday, July 9
10:00 AM–11:00 AM
John “Jack” Wennberg, MD, author of *Tracking Medicine*, will be available to discuss his work and sign copies of his book.

**User Experience (UX) Design Summit**
Tuesday, July 9
1:00 PM–5:00 PM
Room 33 B/C

**SpeedGeeking**
Tuesday, July 9
3:15 PM–5:00 PM
Ballroom 20 D Foyer Alcove

**5k Fun Run/Walk**
Wednesday, July 10
6:45 AM
Embarcadero Boardwalk, behind Marriott Marquis & Marina

**Special Achievement in GIS Awards Ceremony**
Wednesday, July 10
3:30 PM–5:30 PM
Ballroom 20 B/C/D

**An Evening in Balboa Park**
Esri UC Thursday Night Party
Thursday, July 11
5:30 PM–10:00 PM
Balboa Park, San Diego**

**Closing Session**
Friday, July 12
10:30 AM–NOON
Ballroom 20 B/C/D

* Books will not be available on Friday.
** Bus transportation from the SDCC to the Balboa Park will be provided starting at 5:00 PM, and return transportation will be available from the Park to the Gaslamp District and the SDCC until 10:30 PM.
HERE helps businesses run smarter, faster and more efficiently.

With powerful location intelligence products specifically designed for Enterprise, HERE offers integrated solutions to fleet, government, developer, mobile and web GIS.

Visit us at BOOTH #717

www.here.com
GeoLounge

Ballroom 20 A

Stop by the GeoLounge to blog, Tweet, check your e-mail, or just relax in this ideal spot for staying connected and starting conversations. Remember to use #esriuc.

Internet Access

The esriUC2013 wireless network is available throughout the convention center. If you have a laptop without a wireless connection, there are Internet connections available in the GeoLounge.

uc@esri.com

www.twitter.com/esriuc

www.facebook.com/esriuc

www.flickr.com/esri

www.pinterest.com/esri

www.instagram.com/esriuc
Track Codes

Session Types

**IFS**  **Industry Focus Sessions**
Get in-depth insight into how geospatial technology helps you meet goals and address challenges in your particular industry. These 75-minute nontechnical sessions are led by Esri industry experts and may feature panel discussions or special presentations by industry insiders.

**LNG**  **GIS Discussion Lounge**
Come and participate with Esri professionals and your peers in a relaxed discussion of everyday GIS topics. This session is designed for sharing your expertise and ours.

**MPS**  **Moderated Paper Sessions**
Discover case studies and best practices while networking with fellow Esri users. See how others use GIS to solve today’s problems. Each 75-minute session features several Esri users and is moderated by an expert from Esri.

**TW**  **Technical Workshops**
Get specific training on Esri software and learn about the latest tips and tricks that will help you optimize your GIS resources. Each 75-minute workshop is led by Esri software developers or product managers.

Special Sessions

**KEY**  Technical Keynote

**PD**  Panel Discussions

**SP**  Special Presentations

Meetings

**SIG**  Special Interest Group Meeting

**RUG**  Regional User Group Meeting

Paper Sessions

**3D**  3D GIS

**AGR**  Agriculture Aid and Development

**AGP**  Analysis

**ACH**  Archaeology

**AEC**  Architecture, Engineering, and Construction

**ATM**  Atmosphere, Climate, and Weather

**BCM**  Business and Commercial

**CDA**  Cadastral and Land Records

**CRT**  Cartography and Map Production

**CEN**  Census and Statistical Data
<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCH</td>
<td>Climate Change</td>
</tr>
<tr>
<td>CMP</td>
<td>Community Maps Program</td>
</tr>
<tr>
<td>CPD</td>
<td>Computer-Aided Dispatch and 911</td>
</tr>
<tr>
<td>CNS</td>
<td>Conservation</td>
</tr>
<tr>
<td>CNT</td>
<td>Content</td>
</tr>
<tr>
<td>DBM</td>
<td>Database Design and Management</td>
</tr>
<tr>
<td>DEF</td>
<td>Defense and Intelligence</td>
</tr>
<tr>
<td>DEV</td>
<td>Developer</td>
</tr>
<tr>
<td>DIS</td>
<td>Disaster and Emergency Management</td>
</tr>
<tr>
<td>EDU</td>
<td>Education and Training</td>
</tr>
<tr>
<td>ELC</td>
<td>Electric Utilities</td>
</tr>
<tr>
<td>ENV</td>
<td>Environmental Management</td>
</tr>
<tr>
<td>FAC</td>
<td>Facilities</td>
</tr>
<tr>
<td>FED</td>
<td>Federal Applications and Enterprise Management</td>
</tr>
<tr>
<td>EMS</td>
<td>Fire, Rescue, and EMS</td>
</tr>
<tr>
<td>FOR</td>
<td>Forestry</td>
</tr>
<tr>
<td>GDN</td>
<td>Geodesign</td>
</tr>
<tr>
<td>GDB</td>
<td>Geographic Data</td>
</tr>
<tr>
<td>GIS</td>
<td>GIS Concepts and Fundamentals</td>
</tr>
<tr>
<td>HHS</td>
<td>Health and Human Services</td>
</tr>
<tr>
<td>HOM</td>
<td>Homeland and National Security</td>
</tr>
<tr>
<td>IMG</td>
<td>Imagery</td>
</tr>
<tr>
<td>IEG</td>
<td>Implementing Enterprise GIS</td>
</tr>
<tr>
<td>INSP</td>
<td>Interoperability and Standards</td>
</tr>
<tr>
<td>LAW</td>
<td>Law Enforcement and Criminal Justice</td>
</tr>
<tr>
<td>LOC</td>
<td>Location Analytics</td>
</tr>
<tr>
<td>LID</td>
<td>Lidar and 3D Mapping</td>
</tr>
<tr>
<td>MAV</td>
<td>Mapping</td>
</tr>
<tr>
<td>MIN</td>
<td>Mining and Geosciences</td>
</tr>
<tr>
<td>MOB</td>
<td>Mobile GIS</td>
</tr>
<tr>
<td>NMP</td>
<td>National Mapping</td>
</tr>
<tr>
<td>OCE</td>
<td>Ocean, Coastal, and Marine Resources</td>
</tr>
<tr>
<td>ONL</td>
<td>Online Services</td>
</tr>
<tr>
<td>PNR</td>
<td>Parks, Natural Reserves, Fisheries, and Wildlife Management</td>
</tr>
<tr>
<td>PET</td>
<td>Petroleum</td>
</tr>
<tr>
<td>PIP</td>
<td>Pipeline and Gas Utilities</td>
</tr>
<tr>
<td>PSF</td>
<td>Public Safety</td>
</tr>
<tr>
<td>PWK</td>
<td>Public Works</td>
</tr>
<tr>
<td>RLE</td>
<td>Real Estate</td>
</tr>
<tr>
<td>REN</td>
<td>Renewable Energy</td>
</tr>
<tr>
<td>RET</td>
<td>Retail</td>
</tr>
<tr>
<td>SDI</td>
<td>Spatial Data Infrastructure</td>
</tr>
<tr>
<td>STA</td>
<td>State and Local Governments</td>
</tr>
<tr>
<td>SUR</td>
<td>Surveying</td>
</tr>
<tr>
<td>TK</td>
<td>Technology Keynotes</td>
</tr>
<tr>
<td>TEL</td>
<td>Telecommunications and Location-Based Services</td>
</tr>
<tr>
<td>TRN</td>
<td>Transportation</td>
</tr>
<tr>
<td>TRI</td>
<td>Tribal/Indigenous GIS Programs</td>
</tr>
<tr>
<td>URP</td>
<td>Urban and Regional Planning</td>
</tr>
<tr>
<td>WRE</td>
<td>Water Resources</td>
</tr>
<tr>
<td>WWS</td>
<td>Water, Wastewater, and Storm Water</td>
</tr>
<tr>
<td>WEB</td>
<td>Web and Server</td>
</tr>
<tr>
<td>WFM</td>
<td>Wildland Fire Management</td>
</tr>
</tbody>
</table>
On a smarter planet, the question isn’t what can we do. The question is what will we do?
Let’s build a Smarter Planet.
ibm.com/smarterplanet
Visit IBM at Booth #1017
### Tuesday, July 9

**8:30 AM–9:45 AM**

<table>
<thead>
<tr>
<th>3D TW</th>
<th>3D Analyst—An Introduction</th>
<th>Room 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEN MPS</td>
<td>Address, Road, and Boundary Data Sharing: A Collaboration between Tribal, State, and Local Governments and the US Census Bureau</td>
<td>Room 24 B</td>
</tr>
<tr>
<td>GDB TW</td>
<td>Administering Your Microsoft SQL Server Geodatabase</td>
<td>Ballroom 6 E</td>
</tr>
<tr>
<td>WWS MPS</td>
<td>ArcGIS Online for Water, Wastewater, and Storm Water</td>
<td>Room 28 C</td>
</tr>
<tr>
<td>AGR MPS</td>
<td>Agriculture—Analysis for Policy and Decision Making</td>
<td>Room 24 C</td>
</tr>
<tr>
<td>WFM MPS</td>
<td>Analyzing Spatial Models for Wildland Fire Management</td>
<td>Room 30 D</td>
</tr>
<tr>
<td>AGP MPS</td>
<td>Applying Statistical Methods in Analysis</td>
<td>Room 27 A</td>
</tr>
<tr>
<td>GIS TW</td>
<td>ArcGIS as a Platform—Putting It All Together</td>
<td>Room 8</td>
</tr>
<tr>
<td>DEV TW</td>
<td>ArcGIS for Developers—An Introduction</td>
<td>Room 14 A</td>
</tr>
<tr>
<td>STA TW</td>
<td>ArcGIS for Local Government—An Overview</td>
<td>Room 17 A</td>
</tr>
<tr>
<td>MOB TW</td>
<td>ArcGIS for Mobile Overview</td>
<td>Room 7 A/B</td>
</tr>
<tr>
<td>MOB TW</td>
<td>ArcGIS for Windows Mobile—An Introduction</td>
<td>Room 17 B</td>
</tr>
<tr>
<td>ONL TW</td>
<td>ArcGIS Online Content</td>
<td>Room 15 A</td>
</tr>
<tr>
<td>WEB TW</td>
<td>ArcGIS for Server Performance and Scalability—Optimizing GIS Services</td>
<td>Ballroom 6 C</td>
</tr>
<tr>
<td>MAV TW</td>
<td>Best Practices for Designing Effective Map Services</td>
<td>Ballroom 6 D</td>
</tr>
<tr>
<td>GDB TW</td>
<td>Big Data—Using ArcGIS with Apache Hadoop</td>
<td>Room 10</td>
</tr>
<tr>
<td>MAV TW</td>
<td>Building Map Books</td>
<td>Ballroom 6 B</td>
</tr>
<tr>
<td>CCH MPS</td>
<td>Climate Change—Analysis and Adaptation</td>
<td>Room 23 C</td>
</tr>
<tr>
<td>ELC IFS</td>
<td>Electric and Gas Industry Focus Session</td>
<td>Room 29 A/B</td>
</tr>
<tr>
<td>ENV MPS</td>
<td>Environmental Management—Assessment I</td>
<td>Room 27 B</td>
</tr>
<tr>
<td>BCM TW</td>
<td>Esri Business Analyst—Overview and Update</td>
<td>Room 15 B</td>
</tr>
<tr>
<td>LOC IFS</td>
<td>Esri Location Analytics</td>
<td>Room 30 B</td>
</tr>
</tbody>
</table>

Agenda is subject to change.
CRT TW  Esri Production Mapping—An Introduction  
Room 31 C

WRE MPS  Flood Modeling  
Room 28 B

FOR MPS  Forestry—Reforestation  
Room 26 A

AGP TW  Geocoding—An Introduction  
Room 5 B

GDB TW  Geodatabase—An Introduction  
Ballroom 6 F

AGP TW  Geostatistical Analyst—An Introduction  
Room 5 A

DIS MPS  GIS for Disaster Management  
Room 30 E

SEC MPS  GIS for Protecting Our Critical Infrastructure  
Room 30 C

ATM MPS  GIS Tools for Weather Forecasting  
Room 23 B

HHS MPS  Human Services Policy  
Room 29 D

IMG IFS  Imagery Industry Focus Session—Part 1  
Room 28 D

FAC MPS  Improving Facilities Energy Efficiency, Sustainability, Carbon Footprint, and Health  
Room 28 A

AGP TW  Interpreting Your Data with Statistics  
Room 4

PWK MPS  Management of Public Assets  
Room 31 A

SUR MPS  Managing Mapping Documents in GIS  
Room 24 A

AGP TW  ModelBuilder—Getting Started  
Room 2

TRN MPS  Multimodal Transportation and Logistics—Leading Examples  
Room 28 E

AGP TW  Network Analyst—An Introduction  
Room 32 B

STA MPS  New Enterprise GIS—Lessons Learned from the Trenches  
Room 23 A

OCE MPS  Ocean—Ocean Solutions  
Room 29 C

PET MPS  Petroleum—Field Operations—Mobile/Tracking  
Room 25 A/B

AGP TW  Spatial Analyst—An Introduction  
Room 3

MAV TW  Story Maps—Using ArcGIS as a Communications Medium  
Room 1 A/B
**EDU TW** Technical Certification Program Overview  
*Room 31 B*

**TEL SIG** Telecommunications Special Interest Group Meeting  
*Marina—Salon E, Marriott Marquis & Marina*

**MDA MPS** The Art and Science of Map Stories  
*Room 25 C*

**TRN MPS** Transportation Network Analysis and Planning  
*Room 26 B*

**HHS MPS** Visualizing the Data—Public Health  
*Room 30 A*

**IEG TW** What You Need to Know about Managing an Enterprise GIS Project  
*Room 16 B*

**WEB TW** What’s New in ArcGIS 10.2 for Server  
*Ballroom 20 D*

**MAV TW** ArcGIS Explorer Desktop—Getting Started  
*Room 14 B*

**3D TW** ArcGIS for 3D Cities—An Introduction  
*Room 9*

**WEB TW** ArcGIS Viewer for Flex—An Introduction  
*Room 14 A*

**MAV TW** ArcMap—Tips and Tricks  
*Ballroom 6 E*

**GDB TW** Automating Geodatabase Creation with Geoprocessing Tools  
*Room 32 A*

**MAV TW** Best Practices for Map Design  
*Room 10*

**TEL MPS** Broadband and Wireless Planning  
*Marina—Salon E, Marriott Marquis & Marina*

**WEB TW** Building Real-Time Web Applications Using ArcGIS GeoEvent Processor for Server  
*Ballroom 6 C*

**CCH MPS** Climate Change—Oceans  
*Room 23 C*

**DEV TW** Creating .NET Add-ins for ArcGIS for Desktop  
*Room 15 A*

**DIS MPS** Earthquakes, Tornadoes, and Snowfall—Oh My!  
*Room 30 E*
<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Session Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 PM</td>
<td>Ballroom 6 B</td>
<td>Editing in ArcMap—An Introduction</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 5 B</td>
<td>Editing Versioned Geodatabases—An Introduction</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 29 A/B</td>
<td>Electric Vehicles—GIS for EV Infrastructure</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 28 C</td>
<td>Enterprise GIS</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 27 B</td>
<td>Environmental Management—Assessment II</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 28 E</td>
<td>Forestry—Web-Based Forest Management</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 24 A</td>
<td>Geodesy Tools in GIS</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 15 B</td>
<td>Geoprocessing—Sharing Workflows with Geoprocessing Packages</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 30 C</td>
<td>Geospatial Solutions for Homeland and National Security</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 4</td>
<td>Geostatistical Analyst—Concepts and Applications of Kriging</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 5 A</td>
<td>Getting to Know Esri Community Maps</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 30 D</td>
<td>GIS for Wildland Fire Management</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 23 A</td>
<td>GIS in the Cloud—Sky-High Benefits Forecast</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 16 B</td>
<td>How to Successfully Collect, Analyze, and Implement User Requirements</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 28 D</td>
<td>Imagery Industry Focus Session—Part 2</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 28 A</td>
<td>Increasing Operational Efficiency for Educational Institutions</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 30 A</td>
<td>Infectious Disease Surveillance</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 28 B</td>
<td>Integrated GIS and Numerical Modeling</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 17 A</td>
<td>Migrating Your Data to the ArcGIS for Local Government Information Model</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 2</td>
<td>ModelBuilder—Advanced Techniques—Branching and Iterating</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 25 C</td>
<td>National GIS Best Practices in SDI</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 32 B</td>
<td>Network Analyst—Performing Network Analysis</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Room 29 C</td>
<td>Ocean—Fisheries and Marine Mammals</td>
</tr>
</tbody>
</table>
**PET MPS** Petroleum—Field Operations, Survey, and Leasing  
Room 25 A/B

**ELC MPS** Populating GIS with Good Data  
Room 26 A

**WEB TW** Portal for ArcGIS—An Introduction  
*Ballroom 6 D*

**HHS MPS** Public Health and Policy  
Room 29 D

**MAV TW** Python Map Automation—Introduction to Arcpy.mapping  
Room 8

**ONL TW** Road Ahead—ArcGIS Online  
*Ballroom 6 A*

**AGP TW** Spatial Analyst—Suitability Modeling  
Room 3

**BCM MPS** Spatial Business Analytics  
Room 31 A

**AGP TW** Spatial Statistics—Using Pattern Analysis to Identify Trends and Clusters  
Room 1 A/B

**TRI MPS** Supporting Tribal Governance with GIS  
Room 27 A

**PWK MPS** The Evolution of Sign Management  
Room 30 B

**TRN MPS** Transportation Planning for Rural Areas  
Room 26 B

**CEN MPS** US Census Bureau—Geospatial Data Tools for Sharing Address, Road, and Boundary Data  
Room 24 B

**GIS TW** What Is GIS and How Can It Help Me?  
Room 31 B

**MOB TW** Windows Phone—Developing Applications  
Room 17 B

**11:45 AM–1:15 PM**

**STA SIG** City Government Meeting  
*Indigo Ballroom A, Hilton Bayfront*

**STA SIG** County Government Meeting  
*Indigo Ballroom B, Hilton Bayfront*

**NOON–1:00 PM**

**SIG** ArcGIS Workflow Manager User Group Meeting  
Room 29 D

**SP** Being GEOptimized—The Future of GIS Data Collection  
Room 26 A

**SP** Bringing Location Intelligence to Your Business Data  
Room 28 D
Tuesday, July 9

**WWS SIG**  CA/NV AWWA Meeting  
*Room 23 A*

**SIG**  CSU GIS Specialty Center Lunch  
*Room 19*

**ELC SIG**  Electric and Gas User Group (EGUG) Meeting  
*Room 29 A/B*

**SIG**  Esri and SAP for Public Sector (Federal, State, Local, Defense) Meeting  
*Room 31 B*

**TRN SIG**  Fleet Management and Logistics Meeting  
*Room 27 B*

**AID SIG**  GIS for Aid and Development SIG Meeting  
*Room 24 B*

**SEC SIG**  GIS for National Security SIG Meeting  
*Room 30 C*

**EMS SIG**  GIS for Search and Rescue SIG Meeting  
*Room 30 D*

**TRN SIG**  Highway and DOT SIG Meeting  
*Room 26 B*

**TW**  History of GIS—The Foundations (1940–1975)—Part 1  
*Room 5 B*

**SIG**  Los Angeles County eGIS Meeting  
*Plaza Terrace (Upper Level)*

**GDB SIG**  Microsoft SQL Server Users Special Interest Group Meeting  
*Room 28 A*

**WRE SIG**  NHD User Group Meeting  
*Room 23 C*

**OCE SIG**  Ocean and Maritime SIG Meeting  
*Room 29 C*

**PWK SIG**  Public Works SIG Meeting  
*Room 30 B*

**PET SIG**  PUG List Meeting  
*Room 25 A/B*

**SP**  Simplified Deployment of Your GIS Implementation with IBM PureSystems  
*Room 24 C*

**SUR SIG**  Surveying SIG Meeting  
*Room 24 A*

**ATM SIG**  Team Atmospheric, Climate, and Weather User Group Meeting  
*Room 23 B*

**TEL RUG**  Telecommunications User Group Meeting  
*Marina—Salon E, Marriott Marquis & Marina*

**CNS SIG**  The Nature Conservancy Staff Meeting  
*Room 12*

**SP**  TomTom Geospatial for Esri  
*Room 25 C*

**SIG**  Trails SIG Meeting  
*Room 28 C*
Revealing the WHERE in Government

Sewer Lines
Streets
Building & Inspections
Parcels

SEE US AT Esri UC BOOTH 1917
Tuesday, July 9

**TRI SIG** Tribal/Indigenous User Group Meeting  
*Room 27 A*

**SIG** US Customs and Border Protection GIS Users Group Meeting  
*Room 30 A*

**DEF SIG** US Navy Operations SIG Meeting  
*Ballroom A/B, Omni*

**1:00 PM–4:00 PM**

**SIG** CSU GIS Specialty Center Board Meeting  
*Room 19*

**1:30 PM–2:45 PM**

**3D TW** 3D Analyst—Working with 3D Analyst and CityEngine  
*Room 9*

**AGR MPS** Agriculture—Tools for Crop Management  
*Room 24 C*

**WEB TW** ArcGIS API for Flex—An Introduction  
*Room 15 A*

**WEB TW** ArcGIS API for JavaScript—An Introduction  
*Ballroom 6 C*

**GDB TW** ArcGIS Data Reviewer—An Introduction  
*Room 32 A*

**ISR MPS** ArcGIS for Insurance Risk Management  
*Room 29 A/B*

**STA TW** ArcGIS for Land Records—An Overview  
*Room 15 B*

**GDB TW** CAD—Introduction to Using CAD Data in ArcGIS  
*Room 4*

**CCH MPS** Climate Change—Terrestrial Systems  
*Room 23 C*

**MAV TW** Creating Successful Map Services for ArcGIS Online  
*Room 3*

**PWK MPS** Customer and Route Optimization in Public Works  
*Room 30 B*

**DBM MPS** Data Collection Techniques  
*Room 25 C*

**BCM MPS** Decision Making through Location Analytics  
*Room 31 A*

**IEG TW** Deploying ArcGIS in the Cloud—A Business Perspective  
*Room 16 B*

**WEB TW** Designing and Using Cached Map Services  
*Room 8*

**WRE MPS** Detailed 3D Terrain Modeling  
*Room 24 B*

**HHS MPS** Disease Surveillance—Environmental  
*Room 30 A*

**GDB TW** Editing Tips and Tricks  
*Room 7 A/B*

**FOR MPS** Enhancing the Application of GIS in Urban Forestry  
*Room 28 E*
**LAW** **MPS**  Enterprise GIS for Strategic Operations  
*Room 30 C*

**ENV** **MPS**  Environmental Management—Land Use  
*Room 27 B*

**LOC** **TW**  Esri Maps for Microsoft Office  
*Ballroom 6 B*

**GDB** **TW**  Geodatabase Administration—An Introduction  
*Ballroom 6 F*

**GDN** **MPS**  Geodesign  
*Room 27 A*

**WWS** **MPS**  Getting the Most Out of Your Assets  
*Room 28 C*

**FAC** **MPS**  How to Acquire and Import Data for Facilities—CAD, BIM, 3D, and More  
*Room 28 A*

**DIS** **MPS**  Hurricane Analysis and Modeling  
*Room 30 E*

**TRN** **TW**  Indoor Location, Tracking, and Routing  
*Room 31 B*

**IMG** **TW**  Introduction to Imagery and Raster Data in ArcGIS  
*Room 5 A*

**MOB** **TW**  iOS—Developing Applications  
*Room 17 B*

**MOB** **TW**  JavaSE—Developing Applications  
*Room 17 A*

**INSP** **TW**  Leveraging Metadata Standards for Supporting Interoperability in ArcGIS  
*Room 14 A*

**ELC** **TW**  Managing and Analyzing Lidar for Use in Electric Transmission Corridor Management  
*Room 31 C*

**TEL** **MPS**  Managing and Sharing Telecom Data  
*Marina—Salon E, Marriott Marquis & Marina*

**GDB** **TW**  Managing Your Distributed Geodatabase  
*Room 2*

**AGP** **TW**  Network Analyst—Network Analysis with ArcGIS Online and On-Premises Services  
*Room 32 B*

**WRE** **MPS**  NHD Stewardship and Development  
*Room 23 B*

**OCE** **MPS**  Ocean—Coastal Management  
*Room 29 C*

**PET** **MPS**  Petroleum—Environmental Health and Safety—Sustainability and International Programs  
*Room 25 A/B*

**SUR** **MPS**  Preparing for High-Precision GPS  
*Room 24 A*
Tuesday, July 9

**WEB TW** Publishing GIS Services to ArcGIS for Server  
*Ballroom 6 E*

**AGP TW** Python—Getting Started  
*Ballroom 6 A*

**RLE MPS** Real Estate Analysis and Spatial Decision Making  
*Room 30 D*

**RET MPS** Retail Analysis and Modeling—The New Customer Insight  
*Room 28 D*

**WEB TW** Securing ArcGIS for Server Services—Introduction  
*Ballroom 6 D*

**AGP TW** Spatial Statistics—Modeling Spatial Relationships Using Regression Analysis  
*Room 1 A/B*

**EDU MPS** Strategic Planning and Decision Support in Educational Institutions  
*Room 28 B*

**STA MPS** Taking GIS on the Road—There’s an App for That!  
*Room 23 A*

**SDI PD** The Future of SDI—Key Issues in Design and Implementation  
*Room 26 A*

**GDB TW** Topology in the Geodatabase—An Introduction  
*Room 5 B*

**GIS TW** What Is Geographic Data and Where Can I Find It?  
*Room 14 B*

**WEB TW** What’s New in ArcGIS 10.2 for Server  
*Ballroom 20 D*

**MAV TW** Working with Temporal Data  
*Room 10*

---

**3:00 PM–5:00 PM**

**ISR SIG** Insurance SIG—Making Location-Based Decisions  
*Indigo 202 A/B, Hilton Bayfront*

**LOC SIG** Location Analytics SIG  
*Indigo Ballroom B, Hilton Bayfront*

**RET SIG** Retail SIG—Next-Generation Retail—What Is a Location Enhanced Retailer?  
*Indigo Ballroom A, Hilton Bayfront*

---

**3:15 PM–4:30 PM**

**3D TW** 3D Analyst—Surface Analysis  
*Room 9*

**GDB TW** Administering Your PostgreSQL Geodatabase  
*Room 5 B*

**AGR MPS** Agriculture—Agribusiness  
*Room 24 C*

**LAW MPS** Analyzing Crime Data for Decision Making  
*Room 30 C*

**MOB TW** Android—Developing Applications  
*Room 17 B*
<table>
<thead>
<tr>
<th>TW</th>
<th>Title</th>
<th>Room/Media</th>
</tr>
</thead>
<tbody>
<tr>
<td>ONL</td>
<td>ArcGIS for Organizations—An Introduction</td>
<td>Ballroom 6 C</td>
</tr>
<tr>
<td>STA</td>
<td>ArcGIS for State Government—An Overview</td>
<td>Room 15 A</td>
</tr>
<tr>
<td>DEF</td>
<td>ArcGIS for the National Guard</td>
<td>Ballroom C, Omni</td>
</tr>
<tr>
<td>WEB</td>
<td>ArcGIS GeoEvent Processor for Server—An Introduction</td>
<td>Room 10</td>
</tr>
<tr>
<td>WEB</td>
<td>ArcGIS for Server—An Introduction</td>
<td>Ballroom 6 D</td>
</tr>
<tr>
<td>FAC</td>
<td>Asset and Space Management in Facilities</td>
<td>Room 28 A</td>
</tr>
<tr>
<td>CCH</td>
<td>Climate Change—Sustainable Communities</td>
<td>Room 23 C</td>
</tr>
<tr>
<td>FNS</td>
<td>Communicating with Executives Using Location Analytics</td>
<td>Room 31 A</td>
</tr>
<tr>
<td>TRN</td>
<td>Data Collection, Analysis, and Reporting for Highway and Road Agencies Using GIS</td>
<td>Room 28 B</td>
</tr>
<tr>
<td>IEG</td>
<td>Deploying ArcGIS for Server Using Managed Services</td>
<td>Room 16 B</td>
</tr>
<tr>
<td>IEG</td>
<td>Designing an Enterprise GIS Security Strategy</td>
<td>Room 31 C</td>
</tr>
<tr>
<td>MAV</td>
<td>Designing Maps for the ArcGIS Platform</td>
<td>Room 1 A/B</td>
</tr>
<tr>
<td>HHS</td>
<td>Disease Surveillance—Health</td>
<td>Room 30 A</td>
</tr>
<tr>
<td>ELC</td>
<td>Electric Asset Management</td>
<td>Room 29 A/B</td>
</tr>
<tr>
<td>ENV</td>
<td>Environmental Management—Watersheds</td>
<td>Room 27 B</td>
</tr>
<tr>
<td>ONL</td>
<td>Esri Global Demographic, Business, and Lifestyle Data</td>
<td>Room 17 A</td>
</tr>
<tr>
<td>TRN</td>
<td>Esri Roads and Highways—An Introduction</td>
<td>Room 31 B</td>
</tr>
<tr>
<td>FOR</td>
<td>Forestry—Forest Carbon</td>
<td>Room 28 E</td>
</tr>
<tr>
<td>DIS</td>
<td>Getting People Out of Harm’s Way</td>
<td>Room 30 E</td>
</tr>
<tr>
<td>MAV</td>
<td>Getting the Most from the Maplex Label Engine</td>
<td>Ballroom 6 F</td>
</tr>
<tr>
<td>PWK</td>
<td>GIS-Based Pavement Management</td>
<td>Room 30 B</td>
</tr>
<tr>
<td>TRN</td>
<td>GIS for Nonmotorized Transport</td>
<td>Room 26 B</td>
</tr>
<tr>
<td>STA</td>
<td>GIS in the Business of Government—Session 1</td>
<td>Room 23 A</td>
</tr>
</tbody>
</table>
Tuesday, July 9

**WWS MPS** GIS Tools for Storm Water Billing  
*Room 28 C*

**WRE MPS** Groundwater Applications  
*Room 24 B*

**HHS MPS** Healthy Communities—Risk  
*Room 29 D*

**AGP TW** Hydrologic and Hydraulic Modeling with ArcGIS  
*Room 4*

**PIP MPS** Innovative Uses of GIS in Pipelines  
*Room 26 A*

**GDB TW** Introduction—The ArcGIS for AutoCAD Plug-in  
*Room 32 A*

**MAV TW** Making Beautiful Maps  
*Room 2*

**WRE MPS** National Datasets—NHDPlus V2, WBD, and Ele-Hydro  
*Room 23 B*

**AGP TW** Network Analyst—Creating Network Datasets  
*Room 32 B*

**OCE MPS** Ocean—Seafloor Mapping  
*Room 29 C*

**PET MPS** Petroleum—New Web Applications, Data Models, and Operations Processes  
*Room 25 A/B*

**AGP TW** Python—Beyond the Basics  
*Ballroom 6 A*

**AGP TW** Python—Raster Analysis  
*Room 3*

**GIS TW** Thinking Spatially with GIS  
*Room 14 B*

**URP MPS** Urban Growth and Settlements  
*Room 25 C*

**MOB MPS** Using a Mobile GIS to Manage Assets in the Field  
*Room 24 A*

**IMG MPS** Visualize and Explore Collections of Imagery  
*Room 28 D*

**GIS TW** What Is Location Analytics?  
*Room 8*

**WEB TW** What’s New in ArcGIS API for Silverlight  
*Room 14 A*

**IMG TW** What’s New with Imagery in ArcGIS  
*Room 5 A*

**URP MPS** Where the Landscape Kisses the Sky  
*Room 30 D*

**DEF SIG** National Guard (Army/Air/National Guard Bureau)  
*Ballroom A/B, Omni*

---

4:30 PM–6:00 PM
ELC SIG  Telecoms and Utilities Working Together to Enable Smart Grid  
Room 31 B

DEF SIG  US Navy Basing Community SIG Meeting  
Ballroom D/E, Omni

5:30 PM–7:00 PM

DEF SIG  Air National Guard SIG Meeting  
Gaslamp 2, Omni

RUG  Asia Pacific Regional User Group Meeting  
Room 8

RUG  CA/HI/NV Regional User Group Reception  
West Terrace (Upper Level)

SIG  CAGIS Members Meeting  
Room 23 A

RUG  Caribbean User Group Meeting  
Room 15 B

RUG  China Regional User Group Meeting  
Room 16 B

ELC SIG  Colocated EGUG/TeilUG Reception  
East Terrace (Upper Level)

RUG  Encuentro de Usuarios Latinoamericanos de Esri  
Room 7 A/B

SIG  Esri and SAP Business Intelligence (BusinessObjects and SAP HANA) Meeting  
Room 31 A

RUG  European User Group Meeting  
Room 17 A

SDI SIG  Geoportal SIG Meeting  
Room 12

DEF SIG  METOC SIG Meeting  
Gaslamp 3, Omni

SIG  Mid-Atlantic User Group (MUG) Meeting  
Room 27 A

RUG  Middle East and North Africa Regional User Group Meeting  
Room 14 B

RUG  Northeast Arc Users Group Meeting  
Room 26 A

RUG  Northwest Regional User Group Meeting  
Room 10

RUG  South Central Arc User Group Meeting  
Plaza Terrace (Upper Level), Room 28 C

RUG  Southeast Regional User Group Meeting  
West Terrace (Upper Level)

RUG  Southwest Regional User Reception  
Ballroom 6 B

RUG  Sub-Saharan Africa Regional User Group Meeting  
Room 14 A
Tuesday, July 9

6:00 PM–9:00 PM

**PET RUG PUG Social**
Coronado Terrace, Marriott Marquis & Marina

6:30 PM–8:00 PM

**RUG International Regional User Group Social**
West Mezzanine Terrace
Get more value from your Geospatial Data with Valtus

Industry Leading Spatial Data Access Solutions.

Valtus is a proud Esri® Partner and sponsor of the 2013 International User Conference

Get the data you need in the format you need it...FAST.

Valtus Views | Spatial Data as a Service
Valtus Vault | Spatial Data Cloud Solutions
Valtus Spatial Data Store | Online Data

It’s all online at Valtus.com
Wednesday, July 10

7:00 AM–8:30 AM

HHS SIG Health and Human Services User Group Meeting
Marina—Salon E, Marriott Marquis & Marina

8:30 AM–9:00 AM

LID MPS 3D GIS—Lidar Use in Coastal and Environment Mapping Using ArcGIS
Room 24 B

TRN MPS Accessibility, Livability, Demographics, and GIS—Effective Transit Planning
Room 29 D

AGR MPS Agriculture—Soil Productivity
Room 24 C

WEB TW ArcGIS API for JavaScript—Advanced Topics
Room 8

DEV TW ArcGIS for Developers—An Introduction
Room 31 B

DIS TW ArcGIS for Emergency Management—An Overview
Room 17 A

DEF TW ArcGIS for the Military—Maritime Operations
Ballroom A/B, Omni

WEB TW ArcGIS for Server—An Introduction
Ballroom 6 B

WEB TW ArcGIS Viewer for Flex—An Introduction
Room 14 B

GDB TW ArcGIS Workflow Manager—An Introduction
Room 14 A

ACH MPS Archaeology—Using GIS to Help Study Early Human Settlements
Room 23 B

MOB TW ArcPad—An Introduction
Room 17 B

GDB MPS Assessing OpenStreetMap Data Quality Using the Data Reviewer Extension
Room 26 B

3D TW CityEngine—An Introduction
Room 9

CCH MPS Climate Change—Disaster Management
Room 30 A

GDB TW Editing Versioned Geodatabases—An Introduction
Room 5 B

FED MPS Effective Uses of Portals and Apps
Room 25 A/B

ENV MPS Environmental Management—Change Detection Analysis
Room 27 B

LOC TW Esri Maps for Business Intelligence (BI)
Ballroom 6 D

CRT TW Esri Production Mapping—An Introduction
Room 31 C

Agenda is subject to change.
**FAC MPS**  Facilities Project, Construction, Planning, and Portfolio Management  
*Room 28 A*

**FOR MPS**  Forestry—Forest Policy  
*Room 23 A*

**MAV TW**  Generalization for Multiscale Mapping  
*Room 15 B*

**GDB TW**  Geodatabase—An Introduction  
*Ballroom 6 F*

**GDB TW**  Geometric Networks—An Introduction  
*Room 10*

**AGP TW**  Geoprocessing with ArcGIS for Server  
*Room 4*

**AGP TW**  Geoprocessing—Efficient Data Management and Analysis with Geoprocessing  
*Room 2*

**TRN MPS**  GIS and Linear Referencing for Highway Agencies I  
*Room 28 D*

**EMS MPS**  GIS for Emergency Response Communications  
*Room 31 A*

**WWS MPS**  GIS for Storm Water Management  
*Room 30 B*

**LAW MPS**  GIS for Surveillance and Road Safety  
*Room 30 E*

**WWS MPS**  GIS Implementation  
*Room 29 A/B*

**STA MPS**  GIS in the Business of Government—Session 2  
*Room 28 E*

**AEC MPS**  GIS in the Engineering Workflow  
*Room 23 C*

**EDU MPS**  GIScience Research—Session I  
*Room 28 B*

**PIP MPS**  Innovative Uses of GIS in Gas Utilities—Part 1  
*Room 30 D*

**GIS TW**  Learning Common GIS Workflows  
*Room 16 B*

**PWK MPS**  Leveraging the Cloud in Public Works  
*Room 30 C*

**MAV TW**  Mapmaking beyond the Basics  
*Ballroom 6 E*

**DEF MPS**  Modeling and Simulation in Defense  
*Ballroom C, Omni*

**AGP TW**  Network Analyst—Creating Network Datasets  
*Room 32 B*

**AGP TW**  Network Analyst—Network Analysis with ArcGIS Online and On-Premises Services  
*Room 32 A*

**OCE MPS**  Ocean—Japanese Tsunami/Marine Debris  
*Room 29 C*
Wednesday, July 10

PNR MPS Managing Capital, Revenue, and Economical Concerns of Our Parks’ Natural Resources
Room 28 C

AGP TW Python—Getting Started
Ballroom 6 A

KEY Solutions—Expanding the Use of GIS
Ballroom 6 C

AGP TW Spatial Analyst—Creating Surfaces
Room 3

MAV TW Story Maps—Using ArcGIS as a Communications Medium
Room 1 A/B

MAV TW Supporting High-Quality Printing in Web Applications with ArcGIS for Server
Room 15 A

CNS MPS Tree Inventory and Vegetation Modeling
Room 26 A

ELC MPS Using Aerial Data Collection and Inspection in Electric Transmission
Room 27 A

MAV MPS Visualization—Mapping Techniques from Historical Military Data with ArcGIS
Room 25 C

WRE MPS Web Technologies in Water Resources
Room 24 A

SDI TW Working with Metadata in ArcGIS
Room 5 A

10:00 AM–NOON

SP Leica Geosystems—New Technologies for GIS Data Collection and Management
Room 16 A

10:15 AM–11:30 AM

LID MPS 3D GIS—Lidar in Urban Risk and Infrastructure Analysis Using ArcGIS
Room 24 B

3D MPS 3D Visualization
Room 23 A

AGR MPS Agriculture—Remote Sensing
Room 24 C

AGP TW Applying ArcGIS Spatial Analysis Techniques to Make Better Decisions
Room 4

FED MPS Approaches to Data Management
Room 25 A/B

LAW TW ArcGIS for Law Enforcement—An Overview
Room 17 B

DEF TW ArcGIS for the Military—Land Operations
Ballroom A/B, Omni

WEB TW ArcGIS for Server for Administrators
Ballroom 6 B
WEB TW  ArcGIS Viewer for Flex—Advanced Topics  
Room 14 B

WEB TW  Building Applications with ArcGIS Viewer for Silverlight  
Room 15 A

WEB TW  Building Secure Applications  
Room 7 A/B

MOB TW  Collector for ArcGIS—An Introduction  
Room 17 A

PWK PD  COTS Solutions in Public Works  
Room 30 C

EDU TW  Creating a Staff Development Plan with Esri  
Room 31 B

GDB TW  Data Interoperability—An Introduction  
Room 14 A

DBM MPS  Data Management Case Studies  
Room 27 A

GDB TW  Editing in ArcMap—An Introduction  
Ballroom 6 E

IMG MPS  Efficiently Manage Large Volumes of Imagery  
Room 30 A

ENV MPS  Environmental Management—Invasive Species  
Room 27 B

LOC TW  Esri Maps for SharePoint  
Ballroom 6 D

CRT TW  Esri Production Mapping—Advanced Cartography  
Room 31 C

DEF MPS  Geospatial Support for the Warfighter  
Ballroom C, Omni

CMP TW  Getting to Know Esri Community Maps  
Room 16 B

DIS MPS  GIS for Emergency Management  
Room 30 E

AID MPS  GIS for Nonprofits in Community Development  
Room 23 B

STA MPS  GIS in the Cloud—Sky-High Benefits Forecast—Session 2  
Room 28 E

EMS MPS  GIS Tools for First Responders  
Room 31 A

EDU MPS  GIScience Research—Session II  
Room 28 B

CNS MPS  Habitat Degradation, Restoration, and Modeling  
Room 26 A

TRN MPS  Innovative Applications in Public Transit  
Room 29 D

PIP MPS  Innovative Uses of GIS in Gas Utilities—Part 2  
Room 30 D
Wednesday, July 10

AGP TW Integrating Open-Source Statistical Packages with ArcGIS
Room 2

GDN TW Introduction to Geodesign with ArcGIS
Room 9

IMG TW Managing Imagery and Raster Data Using Mosaic Datasets
Room 10

DEF MPS National Guard GIS Programs
Ballroom D/E, Omni

AGP TW NetCDF and HDF Data in ArcGIS
Room 32 B

AGP TW Network Analyst—Automating Workflows with Geoprocessing
Room 32 A

OCE MPS Ocean—Tools and Modeling for Marine Ecosystems
Room 29 C

PNR MPS Parks, Maps, and Management
Room 28 C

INSP TW Providing Interoperability Using the Open Geoservices REST Specification
Room 5 A

AGP TW Python—Beyond the Basics
Ballroom 6 A

MAV TW Python Map Automation—Introduction to Arcpy.mapping
Room 1 A/B

AGP TW Python: Building Geoprocessing Tools with Python
Room 3

ROAD TW Road Ahead—Apps and ArcGIS Runtime SDKs
Ballroom 6 C

WEB TW Strategies for Building Mobile Apps Using ArcGIS Web APIs
Ballroom 6 F

GDB TW Topology in the Geodatabase—An Introduction
Room 5 B

AEC MPS Urban Design
Room 23 C

TRN MPS Using GIS for Highway Safety Analysis and Improvement
Room 28 D

AGP MPS Using Imagery in Location Analysis
Room 30 B

FAC MPS Utilizing ArcGIS Online and Mobile Tools to Improve Facilities Mapping and Work Order Reporting and Operations
Room 28 A

MAV MPS Visualization—Using Cloud to Map Cyberspace and Social Media with ArcGIS
Room 26 B

MAV MPS Visualization—Utilizing ArcGIS for Coastal and Inland Waterway Data
Room 25 C
WRE MPS  Water Resources Information Systems  
Room 24 A  

WEB TW  Web Enabling Databases with ArcGIS for Server  
Room 8  

WWS MPS  Web Technologies for Water  
Room 29 A/B  

MAV TW  Working with Temporal Data  
Room 15 B  

NOON–1:00 PM  

AGR SIG  Agriculture SIG Meeting  
Room 24 C  

SIG  ArcGIS Data Reviewer Special Interest Group Meeting  
Room 28 B  

STA SIG  ArcGIS for Local Government Special Interest Group Meeting  
Room 29 C  

SIG  ArcGIS with Teradata User Group Meeting  
Room 27 A  

SIG  Big Data/NOSQL Special Interest Group Meeting  
Room 24 A  

RUG  Blue Marble User Group Meeting  
Room 28 A  

WEB TW  Building Killer Apps  
Ballroom 6 A  

DEF SIG  CBRNE/WMD SIG Meeting  
Gaslamp 3, Omni  

CON SIG  Conservation SIG (SCGIS) Meeting  
Room 26 A  

SP  Exploiting Same-Day High-Resolution Satellite Imagery with ArcGIS  
Room 26 B  

FOR SIG  Forestry and Land Management Special Interest Group Meeting  
Room 23 A  

LAW SIG  GIS for Law Enforcement SIG Meeting  
Room 30 D  

WFM SIG  GIS for Structure Fire and Wildland Fire Management SIG Meeting  
Room 31 A  

Room 5 B  

SP  IBM Smarter Cities and Esri Deliver IT without Boundaries  
Room 23 C  

CDA SIG  Land Records Meet Up/SIG Meeting  
Room 24 B  

SIG  Mobile Mapping Using Lasers  
Room 28 C  

MOB SIG  Mobile Special Interest Group (SIG) Meeting  
Room 4
Wednesday, July 10

**SP** Nokia Lunch Session  
*Room 27 B*

**TRN SIG** Public Transport and Railroads Meeting  
*Room 29 D*

**DEF SIG** SPAWAR Meeting  
*Gaslamp 2, Omni*

**WWS SIG** Team Water/Wastewater User Group Meeting  
*Room 29 A/B*

**SIG** University of Redlands—MS GIS Program Meeting  
*Room 23 B*

**SP** Update on Lidar-Based 3D Mobile Mapping  
*Room 25 C*

**DEF SIG** US Army IGI&S SIG Meeting  
*Ballroom A/B, Omni*

**1:30 PM—2:45 PM**

**3D TW** 3D Analyst—Feature and Volumetric Analysis  
*Room 9*

**LID MPS** 3D GI—Utilizing Lidar in GIS Operations and Planning Using ArcGIS  
*Room 24 B*

**3D MPS** 3D Modeling  
*Room 23 A*

**HHS MPS** Access to Services  
*Room 30 A*

**GDB TW** Administering Your Oracle Geodatabase  
*Room 14 A*

**AGR MPS** Agriculture—Pest Management  
*Room 24 C*

**WEB TW** ArcGIS API for Flex—An Introduction  
*Room 15 B*

**WEB TW** ArcGIS API for JavaScript—An Introduction  
*Ballroom 6 C*

**GDB TW** ArcGIS Data Reviewer—An Introduction  
*Room 31 C*

**MAV TW** ArcGIS Explorer Desktop—Getting Started  
*Room 17 B*

**EMS TW** ArcGIS for Fire Service—An Overview  
*Room 14 B*

**DEF TW** ArcGIS for Intelligence  
*Ballroom A/B, Omni*

**MOB TW** ArcGIS for Mobile Overview  
*Room 1 A/B*

**ONL TW** ArcGIS Online Content  
*Room 16 B*

**MOB MPS** Building Cross-Platform Mobile Web Apps  
*Room 30 C*

**CRT MPS** Cartographic Design  
*Room 28 B*

**DEF MPS** Defense GIS Leveraging the Web  
*Ballroom C, Omni*

**WEB TW** Designing and Using Cached Map Services  
*Room 8*
Come see us at Booth N625!

Bradshaw Consulting Services

High Performance Solutions

- MARVLIS
- Crime Analysis Tools
- TheAddresser
- iMAP
- HyperPic.MOBILE

Isn’t it about time?

www.bcs-gis.com

facebook/bcsgis
@bcsgis, @hp_ems

©2013 BCS. All rights reserved. BCS is a registered trademark of Bradshaw Consulting Services, Inc.
### Wednesday, July 10

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>GDB TW</strong> Editing and Maintaining Parcels with ArcGIS</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td><strong>GDB TW</strong> Editing Tips and Tricks</td>
<td>7 A/B</td>
</tr>
<tr>
<td></td>
<td><strong>ENV MPS</strong> Environmental Management—Urban Assessment</td>
<td>27 B</td>
</tr>
<tr>
<td></td>
<td><strong>WEB TW</strong> Esri Geoportal Server—An Introduction</td>
<td>15 A</td>
</tr>
<tr>
<td></td>
<td><strong>LOC TW</strong> Esri Maps for Customer Relationship Management (CRM)</td>
<td>6 D</td>
</tr>
<tr>
<td></td>
<td><strong>FAC TW</strong> Facilities and Real Property Management</td>
<td>31 B</td>
</tr>
<tr>
<td></td>
<td><strong>AGP TW</strong> Geocoding—An Introduction</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>GDB TW</strong> Geodatabase Administration—An Introduction</td>
<td>6 F</td>
</tr>
<tr>
<td></td>
<td><strong>AGP TW</strong> Geostatistical Analyst—An Introduction</td>
<td>5 A</td>
</tr>
<tr>
<td></td>
<td><strong>AEC MPS</strong> Geotechnical and Environmental Engineering</td>
<td>23 C</td>
</tr>
<tr>
<td></td>
<td><strong>LAW MPS</strong> GIS for Crime Analysis</td>
<td>30 D</td>
</tr>
<tr>
<td></td>
<td><strong>AID MPS</strong> GIS for Nonprofits and Volunteer Communities in Global Development</td>
<td>23 B</td>
</tr>
<tr>
<td></td>
<td><strong>CNS MPS</strong> Habitat Change Detection</td>
<td>26 A</td>
</tr>
<tr>
<td></td>
<td><strong>TRN MPS</strong> Innovative Applications for Highway Planning</td>
<td>26 B</td>
</tr>
<tr>
<td></td>
<td><strong>TRN MPS</strong> Innovative Practice in Highway Data Collection for Asset Management</td>
<td>28 D</td>
</tr>
<tr>
<td></td>
<td><strong>PIP MPS</strong> Innovative Uses of GIS in Gas Utilities—Part 3</td>
<td>31 A</td>
</tr>
<tr>
<td></td>
<td><strong>GDB TW</strong> Introduction—The ArcGIS for AutoCAD Plug-in</td>
<td>32 A</td>
</tr>
<tr>
<td></td>
<td><strong>HHS MPS</strong> Local Government—Well-Being</td>
<td>29 D</td>
</tr>
<tr>
<td></td>
<td><strong>GDB TW</strong> Managing Your Distributed Geodatabase</td>
<td>5 B</td>
</tr>
<tr>
<td></td>
<td><strong>DBM MPS</strong> Migrating Data Using ArcSDE Geodatabase</td>
<td>27 A</td>
</tr>
<tr>
<td></td>
<td><strong>AGP TW</strong> ModelBuilder—Getting Started</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>FED MPS</strong> Modernizing GIS Solutions</td>
<td>25 A/B</td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
<td></td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>3:00 pm–5:00 pm</td>
<td>DEF MPS NATO Use GIS Ballroom D/E, Omni</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AGP TW Network Analyst—An Introduction Room 32 B</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OCE MPS Ocean—Marine Cloud and Web Applications Room 29 C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MOB TW Operations Dashboard for ArcGIS—An Introduction Room 17 A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PNR MPS Managing Sensitive Bird Habitats Room 28 C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AGP MPS Processing Large Dataset for Analysis Room 30 B</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TRN MPS Public Transit—Accessibility and Land Use Room 28 A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WEB TW Publishing GIS Services to ArcGIS for Server Room 29 A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DIS MPS Risk Analysis and Vulnerability Assessment Room 30 E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ROAD TW Road Ahead—Desktop GIS Ballroom 6 A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AGP TW Spatial Analyst—An Introduction Room 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STA MPS Stimulating Economic Growth and Commercial Development Room 28 E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WRE MPS Storm Water Applications of GIS Room 24 A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>KEY The Power of Maps Ballroom 6 B</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MAV MPS Visualization—Mapping of Government Regulatory Patterns for Energy and Cadastre with ArcGIS Room 25 C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WWS MPS Water Modeling and GIS Room 29 A/B</td>
<td></td>
</tr>
<tr>
<td>3:15 pm–4:30 pm</td>
<td>SP DigitalGlobe Meeting Room 16 A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SP Exelis—Use ENVI to Exploit Imagery from New and Emerging Sensors Room 12</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3D TW 3D Analyst—Lidar—Working with LAS Datasets Room 9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LID MPS 3D GIS—Lidar Automation and Feature Interpretation Using ArcGIS Room 24 B</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WEB TW ArcGIS API for Flex—Advanced Topics Room 15 A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DEF TW ArcGIS for the Military—Managing Operational Factors Ballroom A/B, Omni</td>
<td></td>
</tr>
</tbody>
</table>
Wednesday, July 10

**STA TW**  ArcGIS for Water Utilities—An Overview  
*Room 32 A*

**WEB TW**  ArcGIS GeoEvent Processor for Server—An Introduction  
*Room 10*

**ONL TW**  ArcGIS Online Steps for Success  
*Room 16 B*

**MAV TW**  ArcGIS Tracking Analyst—An Introduction  
*Room 32 B*

**GDB TW**  ArcGIS Workflow Manager—Advanced Workflows and Concepts  
*Room 14 A*

**GDB TW**  Big Data—Using ArcGIS with Apache Hadoop  
*Room 5 B*

**CNS MPS**  Biodiversity Modeling  
*Room 26 A*

**ONL TW**  Building Custom Applications with ArcGIS Online for Application Developers  
*Ballroom 6 C*

**GDB TW**  CAD—Using Geoprocessing Tools and Other Techniques to Better Use CAD in ArcGIS  
*Room 5 A*

**MOB MPS**  Citizen Science and Mobile GIS  
*Room 23 C*

**DIS MPS**  Communications and Tracking with GIS  
*Room 30 E*

**IEG TW**  Creating an Effective GIS Technology Strategy  
*Room 31 B*

**GDB TW**  Data Alignment and Management in ArcMap  
*Room 7 A/B*

**IEG TW**  Designing an Enterprise GIS Security Strategy  
*Room 31 C*

**EDU MPS**  Education for GIS Professionals  
*Room 28 B*

**DEF MPS**  Enterprise Data Sharing in Defense  
*Ballroom C, Omni*

**TRN MPS**  Enterprise GIS for Highway Agencies  
*Room 26 B*

**ENV MPS**  Environmental Management—Applied Infrastructure  
*Room 27 B*

**AGP MPS**  Extending ArcGIS Analysis Using Python  
*Room 30 B*

**AGP TW**  Geoprocessing—Sharing Workflows with Geoprocessing Packages  
*Room 15 B*

**AGP TW**  Geostatistical Analyst—Concepts and Applications of Kriging  
*Room 4*

**ELC MPS**  GIS as a Platform for Smart Grid  
*Room 27 A*
AID MPS  GIS for International Organizations  
Room 23 B

EMS MPS  GIS for Risk Assessment, Routing, and Rescue  
Room 31 A

WWS MPS  Innovations in Water GIS  
Room 29 A/B

URP MPS  Linking Housing and Jobs  
Room 24 C

HHS MPS  Local Government  
Room 29 D

MAV TW  Making Beautiful Maps  
Room 8

FAC MPS  Making Enterprise-Level Facilities GIS a Reality  
Room 28 A

FED MPS  Management Strategies  
Room 25 A/B

MOB MPS  Mobilizing an Enterprise GIS  
Room 23 A

MOB MPS  Natural Resource Field Mapping  
Room 30 C

OCE MPS  Ocean—Time and Tracking in the Marine Environment  
Room 29 C

MOB TW  OS X—Developing Applications  
Room 17 A

PNR MPS  Mapping and Managing Invasive Species  
Room 28 C

WEB TW  Portal for ArcGIS—An Introduction  
Room 14 B

LAW MPS  Protecting the Home and Family from Crime  
Room 30 D

MAV TW  Python Map Automation—Beyond the Basics of arcpy.mapping  
Room 1 A/B

HHS MPS  Research  
Room 30 A

WEB TW  Securing ArcGIS for Server Services—Advanced  
Ballroom 6 F

STA MPS  Small Jurisdictions Deliver Big GIS Benefits  
Room 28 E

DEV TW  Social Coding with GitHub  
Ballroom 6 E

AGP TW  Spatial Analyst—Suitability Modeling  
Room 3

IMG MPS  Techniques for Realizing More Value from Satellite and Aerial Imagery  
Room 28 D

WEB TW  Using ArcGIS for Server in the Amazon Cloud  
Ballroom 6 D
## Wednesday, July 10

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:30 PM–4:00 PM</td>
<td><strong>SIG</strong> Intelligence Community SIG Meeting</td>
<td>Ballroom D/E, Omni</td>
</tr>
<tr>
<td>4:30 PM–6:00 PM</td>
<td><strong>DEF SIG</strong> Defense Logistics SIG Meeting</td>
<td>Gaslamp 3, Omni</td>
</tr>
<tr>
<td>5:00 PM–7:00 PM</td>
<td><strong>FAC SIG</strong> Facilities Special Interest Group Meeting</td>
<td>Plaza Terrace (Upper Level), Room 28 A</td>
</tr>
<tr>
<td>5:30 PM–7:00 PM</td>
<td><strong>IMG SIG</strong> Landsat SIG Meeting</td>
<td>Room 2</td>
</tr>
<tr>
<td>9:00 AM–9:30 AM</td>
<td><strong>GDB TW</strong> CAD—Lining Up CAD Data in ArcGIS</td>
<td>Hall F, Room 1</td>
</tr>
</tbody>
</table>

**GIS Discussion Lounge and 30-Minute Technical Workshops**

### 8:30 AM–9:00 AM

- **MAV LNG** Packaging Maps and Layers  
  *Hall H, GIS Discussion Lounge*
- **3D TW** 3D Analyst—Lidar—Working with Terrain Datasets  
  *Hall F, Room 1*
- **CRT TW** ArcGIS for Aviation—Airports—An Introduction  
  *Hall G, Room 2*

### 9:00 AM–9:30 AM

- **GDB TW** CAD—Lining Up CAD Data in ArcGIS  
  *Hall F, Room 1*
- **GIS TW** What Every Manager Needs to Know about Cloud GIS  
  *Hall G, Room 2*
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Room</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30 AM–10:00 AM</td>
<td><strong>GDB TW</strong> ArcReader—An Introduction</td>
<td>Hall F, Room 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>MAV TW</strong> Converting Labels to Annotation—Getting Started</td>
<td>Hall G, Room 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>GDB LNG</strong> Esri Roads and Highways—Migrating Your LRS</td>
<td>Hall H, GIS Discussion Lounge</td>
<td></td>
</tr>
<tr>
<td>10:00 AM–10:30 AM</td>
<td><strong>ONL TW</strong> Security and ArcGIS Online</td>
<td>Hall G, Room 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>ONL TW</strong> Online Content—The Road Ahead</td>
<td>Hall F, Room 1</td>
<td></td>
</tr>
<tr>
<td>10:30 AM–11:00 AM</td>
<td><strong>GIS LNG</strong> What Is a Spatial Reference?</td>
<td>Hall H, GIS Discussion Lounge</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>IEG TW</strong> Agile or Waterfall? How to Choose the Right Implementation Life Cycle for Your GIS Project</td>
<td>Hall F, Room 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>AGP TW</strong> Spatial Analyst—Performing Regression Analysis Using Raster Data</td>
<td>Hall G, Room 2</td>
<td></td>
</tr>
<tr>
<td>11:00 AM–11:30 AM</td>
<td><strong>WEB TW</strong> ArcGIS GeoEvent Processor for Server—Monitoring Routes</td>
<td>Hall G, Room 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>AGP TW</strong> Geoprocessing—Recommended Approaches to Building Geoprocessing Tools</td>
<td>Hall F, Room 1</td>
<td></td>
</tr>
<tr>
<td>11:30 AM–NOON</td>
<td><strong>GIS LNG</strong> Understanding GIS Imagery</td>
<td>Hall H, GIS Discussion Lounge</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>GDB TW</strong> Migrating Data to the Geodatabase</td>
<td>Hall G, Room 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>GIS TW</strong> Using GIS Technology on Smartphones</td>
<td>Hall F, Room 1</td>
<td></td>
</tr>
<tr>
<td>NOON–12:30 PM</td>
<td><strong>MAV TW</strong> Building 2D Animations</td>
<td>Hall G, Room 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>GIS TW</strong> What Is a GIS Service?</td>
<td>Hall F, Room 1</td>
<td></td>
</tr>
<tr>
<td>12:30 PM–1:00 PM</td>
<td><strong>AGP LNG</strong> Performing Spatial Analysis in ArcGIS Online</td>
<td>Hall H, GIS Discussion Lounge</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>MAV TW</strong> Mapping Flow Data</td>
<td>Hall F, Room 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>GIS TW</strong> Types of Geodatabases—Which One Is Right for Me?</td>
<td>Hall G, Room 2</td>
<td></td>
</tr>
<tr>
<td>1:00 PM–1:30 PM</td>
<td><strong>AGP TW</strong> Python—Tips on Improving Python Script Performance</td>
<td>Hall F, Room 1</td>
<td></td>
</tr>
</tbody>
</table>
Wednesday, July 10

**MAV TW** Troubleshooting Printing and Exporting from ArcMap  
*Hall G, Room 2*

**1:30 PM–2:00 PM**

**GIS LNG** What You Should Know before Mapping Social Media Content  
*Hall H, GIS Discussion Lounge*

**CRT TW** Generating Topographic Map Products on Demand  
*Hall G, Room 2*

**2:00 PM–2:30 PM**

**GDB TW** Accessing Spatial Databases in ArcGIS  
*Hall F, Room 1*

**2:30 PM–3:00 PM**

**ONL LNG** Building and Maintaining ArcGIS Online Hosted Tiled Services  
*Hall H, GIS Discussion Lounge*

**3D TW** 3D Analyst—Publishing Globe Services  
*Hall F, Room 1*

**AGP TW** Python—Useful Python Libraries for the GIS Professional  
*Hall G, Room 2*

**3:00 PM–3:30 PM**

**MAV TW** Efficient and Effective Labeling with ArcGIS  
*Hall F, Room 1*

**3:30 PM–4:00 PM**

**AGP LNG** Problem Solving Using Spatial Statistics  
*Hall H, GIS Discussion Lounge*

**LOC TW** Esri Maps for Office Tips and Tricks  
*Hall G, Room 2*

**AGP TW** Geocoding—What’s New in Geocoding  
*Hall F, Room 1*

**4:00 PM–4:30 PM**

**GDB TW** CAD—Georeferencing CAD Datasets  
*Hall F, Room 1*

**IMG TW** Working with Elevation Data  
*Hall G, Room 2*

**4:30 PM–5:00 PM**

**IMG LNG** Imagery for State and Local Government  
*Hall H, GIS Discussion Lounge*

**AGP TW** Network Analyst—Designing Your Network Analyst Workflow  
*Hall G, Room 2*

**GIS TW** What Are Spatial Analysis and Geoprocessing?  
*Hall F, Room 1*
Global daily imaging
Booth No. 1700
Thursday, July 11

7:00 AM–9:00 AM

**SP** TerraGo SIG Breakfast—Maximize Your ArcGIS Assets
Room 16 A

**MAV TW** Best Practices for Designing Effective Map Services
Room 7 A/B

**GDB TW** CAD—Introduction to Using CAD Data in ArcGIS
Room 4

8:30 AM–9:45 AM

**AGP MPS** Analysis on the Web
Room 30 B

**WEB TW** ArcGIS API for Flex—Advanced Topics
Room 15 A

**GIS TW** ArcGIS as a Platform—Putting It All Together
Room 31 C

**CRT MPS** Cartographic Production
Room 25 A/B

**NMP MPS** Collaboration Enabling National Mapping
Room 31 A

**MOB TW** Collector for ArcGIS—An Introduction
Room 17 A

**DIS MPS** Crisis Mapping and Disaster Relief
Room 30 D

**STA TW** ArcGIS for Local Government Address Maps and Apps—An Overview
Room 14 B

**IEG TW** ArcGIS Enterprise Systems—Performance and Scalability
Room 31 B

**MAV TW** Designing Maps for the ArcGIS Platform
Room 1 A/B

**WEB MPS** Developing Solutions for Improving and Automating Web GIS Workflows
Room 24 B

**ONL TW** ArcGIS for Organizations—An Introduction
Ballroom 6 D

**WEB TW** ArcGIS for Server Performance and Scalability—Optimizing GIS Services
Ballroom 6 A

**KEY** ArcGIS Vision and Direction
Ballroom 6 C

**MAV TW** ArcGIS Workflow Manager—An Introduction
Room 14 A

**OCE MPS** Electronic Navigational Charts
Room 29 C

**ENV MPS** Environmental Management—Soil, Erosion, and Sediment
Room 27 B

**ONL TW** Esri Global Demographic, Business, and Lifestyle Data
Room 17 B

Agenda is subject to change.
MAV TW Generalization for Multiscale Mapping
Room 15 B

GDB TW Geometric Networks—An Introduction
Room 10

MAV TW Getting the Most from the Maplex Label Engine
Ballroom 6 F

WWS MPS GIS and Asset Management
Room 29 A/B

TRN MPS GIS and Linear Referencing for Highway Agencies II
Room 26 B

CDA MPS GIS and Real Estate Valuation
Room 28 E

TRN MPS GIS Use in the Airport Industry
Room 23 B

IEG MPS How to Leverage Web-Based Technologies for Your Enterprise GIS Implementation
Room 23 A

CNS MPS Landscape Conservation and Restoration
Room 27 A

INSP MPS Meeting Data Interoperability Challenges
Room 25 C

GDB TW Migrating Data into the Parcel Fabric Solution
Room 2

DEF MPS NGA Programs
Ballroom C, Omni

MIN MPS Mining—Data Analysis
Room 23 C

MOB MPS Mobile GIS in Government
Room 28 B

CMP TW Ocean Basemap—An Introduction
Room 9

IEG TW Planning Enterprise Geodatabase Solutions
Room 5 B

PNR MPS Habitat Suitability and Management for Mammals
Room 28 C

CEN MPS Proximity Analysis, Areal Interpretation, and Presentation of Historical Demographic Data
Room 28 D

AGP TW Python—Raster Analysis
Room 3

MAV TW Python Map Automation—Beyond the Basics of Arcpy.mapping
Room 8

HHS MPS Research—Public Health
Room 30 A

CPD MPS Spatial Solutions for 911 Data
Room 30 E
# Thursday, July 11

**AGP TW** Spatial Statistics—Using Pattern Analysis to Identify Trends and Clusters  
*Ballroom 6 B*

**WRE MPS** TMDL and Water Quality Monitoring  
*Room 24 A*

**ELC TW** Using ArcGIS Online to Manage Your Utility Business  
*Room 32 B*

**IEG MPS** Using Enterprise GIS for Data Sharing and Collaboration  
*Room 26 A*

**DEF TW** Using Imagery for Intelligence Analysis  
*Ballroom D/E, Omni*

**ONL TW** Using the ArcGIS Landscape Analysis Services  
*Room 5 A*

**HHS MPS** Visualizing the Data  
*Room 29 D*

**IEG TW** What You Need to Know about Managing an Enterprise GIS Project  
*Room 16 B*

**CNS MPS** Wildlife Habitat and Corridors  
*Room 28 A*

**STA MPS** Working with Data  
*Room 24 C*

**9:00 AM–10:00 AM**

**SIG** Design Matters—The New Elements of Esri Design  
*Room 12*

**10:15 AM–11:30 AM**

**REN MPS** Analysis of Solar Energy Potential  
*Room 27 B*

**AGP MPS** Applications Using the ArcGIS Spatial Analyst Extension  
*Room 30 B*

**DEV TW** ArcGIS Explorer Desktop SDK  
*Room 15 B*

**OCE TW** ArcGIS for Maritime—Creating, Managing, and Sharing Maritime Data  
*Room 32 B*

**ONL MPS** ArcGIS Online—More Than Just a Mapping Platform  
*Room 28 D*

**ONL TW** ArcGIS Online Steps for Success  
*Room 9*

**WEB TW** ArcGIS for Server for Administrators  
*Ballroom 6 E*

**SDI MPS** Best Practices of Metadata  
*Room 27 A*

**GDB TW** Big Data Spatial Analytics—An Introduction  
*Ballroom 6 C*

**WEB TW** Building Applications with ArcGIS Viewer for Silverlight  
*Room 15 A*

**MAV TW** Building Map Books  
*Ballroom 6 A*
CNS MPS Community Engagement  
Room 28 A

STA TW Configuring ArcGIS Online in Your Local Government  
Room 14 B

GDB TW Coordinate Systems and Datum Transformations in Action  
Room 2

MAV TW Creating Successful Map Services for ArcGIS Online  
Room 3

AGP TW Creating Watersheds, Stream Networks, and Hydrologically Conditioned DEMs  
Room 31 C

GDB TW Data Alignment and Management in ArcMap  
Room 7 A/B

GDB TW Data Interoperability—An Introduction  
Room 14 A

NMP MPS Database-Driven National Mapping  
Room 31 A

DEV TW Developing .NET Applications for ArcGIS Engine  
Room 5 A

GDB TW Editing and Maintaining Parcels with ArcGIS  
Room 10

LOC IFS Esri Location Analytics  
Room 29 C

WEB MPS Extend the Capabilities of Your Web Apps  
Room 24 B

HHS MPS Facilities Management  
Room 30 A

MAV TW Having Fun with Tables and Reports  
Room 31 B

DIS MPS Hazard Mitigation Best Practices  
Room 30 D

IEG TW How to Successfully Collect, Analyze, and Implement User Requirements  
Room 16 B

IEG MPS Implementing Enterprise GIS—People and Organizational Capacity Building  
Room 23 A

TRN MPS Innovative Applications for Rail  
Room 25 C

TRN MPS Innovative Practice for Highway Agencies  
Room 26 B

CEN MPS International Census Efforts  
Room 28 B

AGP TW Interpreting Your Data with Statistics  
Room 4

MAV TW Mapmaking beyond the Basics  
Ballroom 6 F
Thursday, July 11

**DEF TW** Military Planning and Operations  
*Ballroom D/E, Omni*

**MIN MPS** Mining—Data Management  
*Room 23 C*

**CPD MPS** Next-Generation Emergency Call Taking and Handling  
*Room 30 E*

**MOB TW** Operations  
*Dashboard for ArcGIS—An Introduction*  
*Room 17 A*

**CDA MPS** Parcel Management GIS  
*Room 28 E*

**IEG TW** Planning the Work—How to Create a Manageable Enterprise GIS Project Plan  
*Room 5 B*

**PNR MPS** Restoring Riparian Areas and Protecting Fish Habitats  
*Room 28 C*

**MOB TW** Qt—Developing Applications  
*Room 32 A*

**ROAD TW** Road Ahead—Desktop GIS  
*Ballroom 6 B*

**AGP TW** Spatial Statistics—Modeling Spatial Relationships Using Regression Analysis  
*Room 1 A/B*

**WEB TW** Strategies for Building Mobile Apps Using ArcGIS Web APIs  
*Ballroom 6 D*

**WEB MPS** Supporting Large Collections of Spatial Resources with Web GIS  
*Room 25 A/B*

**URP MPS** Urban Planning  
*Room 30 C*

**DEF MPS** US Army Sustainable Range Program  
*Ballroom C, Omni*

**WWS MPS** Using GIS for Field Operations  
*Room 29 A/B*

**IEG MPS** Using ROI to Evaluate Enterprise GIS Implementation Alternatives  
*Room 26 A*

**HHS MPS** Visualizing the Data—Decision Making  
*Room 29 D*

**WRE MPS** Water Quality Modeling Techniques I  
*Room 24 A*

**STA MPS** Web Applications—Delivering the Right GIS to the Right Users  
*Room 24 C*

**WEB TW** Web Enabling Databases with ArcGIS for Server  
*Room 8*
Increase Officer Safety While Optimizing Patrol Resource Allocation

To learn more about how this can work for your organization call us today at 858-450-2590 or visit our website at http://www.theomegagroup.com/precisionpolicing.
Thursday, July 11

**NOON–1:00 PM**

**TRN SIG**  Airports and Ports Meeting  
*Room 23 B*

**CRT SIG**  Cartography Special Interest Group Meeting  
*Room 23 C*

**SIG**  GIS and SAP for Utilities (Electric, Water, Gas, Telco) Meeting  
*Room 27 A*

**CPD SIG**  GIS for Emergency Call-Taking and Dispatch SIG Meeting  
*Room 30 E*

**DIS SIG**  GIS for Emergency Management SIG Meeting  
*Room 30 D*

**DEF SIG**  Military Symbology Standards SIG Meeting  
*Gaslamp 2, Omni*

**WRE SIG**  Team Water Resources User Group Meeting  
*Room 29 A/B*

**3D MPS**  3D GIS  
*Room 29 C*

**WEB TW**  ArcGIS Viewer for Flex—Advanced Topics  
*Room 31 C*

**MAV TW**  ArcMap—Tips and Tricks  
*Ballroom 6 E*

**REN MPS**  Assessing Impact of Wind Generation  
*Room 27 B*

**CNS MPS**  Avian Habitat  
*Room 28 A*

**MAV TW**  Best Practices for Map Design  
*Room 10*

**ONL TW**  Building Custom Applications with ArcGIS Online for Application Developers  
*Ballroom 6 D*

**WEB TW**  Building Secure Applications  
*Room 7 A/B*

**ONL MPS**  Building Web Applications with Online Services  
*Room 28 D*

**CMP MPS**  Community Maps Contributors Share Their Best Practices  
*Room 24 B*

**CRT MPS**  Data and Map Production  
*Room 29 D*

**CRT MPS**  Data-Driven Cartography  
*Room 23 B*

**IEG TW**  Deploying ArcGIS in the Cloud—A Business Perspective  
*Room 16 B*

**DEV TW**  Developing .NET Applications for ArcGIS Engine  
*Room 5 B*

**URP MPS**  Envisioning Urban Growth  
*Room 30 B*
DIS MPS  Flood Inundation and Modeling  
Room 30 D  

WEB MPS  Following the Right Path to Web GIS  
Room 25 A/B  

HHS MPS  Geomedicine  
Room 30 A  

AGP TW  Geoprocessing with ArcGIS for Server  
Room 4  

CDA MPS  GIS and Land Records  
Room 28 E  

CEN MPS  GIS for Local Government Finance and Economic Development  
Room 25 C  

WWS MPS  GIS for Wastewater  
Room 29 A/B  

IEG MPS  Implementing Enterprise GIS—Technology Approaches  
Room 23 A  

URP MPS  Improving Disparities in Urban Quality of Life  
Room 30 C  

DEF TW  Intelligence Analysis with ArcGIS  
Ballroom D/E, Omni  

STA MPS  Managing Projects for Improved Transparency, Accountability, and Communication  
Room 24 C  

MIN MPS  Mining—Data Sharing  
Room 23 C  

CRT TW  Modernizing Map Production—A New Approach to Enterprise Data Management  
Room 31 B  

SDI MPS  National GIS—NSDI  
Room 27 A  

AGP TW  Network Analyst—Performing Network Analysis  
Room 32 B  

AGP TW  Network Analyst—Automating Workflows with Geoprocessing  
Room 32 A  

MOB TW  Customizing the Operations Dashboard for ArcGIS  
Room 17 A  

TRN MPS  Pedestrian Routing, Transit, and Tolls  
Room 26 B  

PNR MPS  Managing and Preserving Desert Habitat  
Room 28 C  

URP MPS  Preserving Our Past, Protecting Our Future  
Room 30 E  

AGP TW  Python—Building Geoprocessing Tools with Python  
Room 3  

MOB MPS  Reporting and Public Engagement Using Devices  
Room 28 B
Thursday, July 11

**STA TW** Setting Up ArcGIS Online for a Water Utility
*Room 14 B*

**AGP TW** Spatial Statistics—Best Practices
*Room 1 A/B*

**NMP MPS** Thematic National Mapping
*Room 31 A*

**WEB TW** Using ArcGIS for Server in the Amazon Cloud
*Room 6 C*

**MOB TW** Using ArcGIS on Smartphones and Tablets
*Room 17 B*

**WRE MPS** Water Quality Modeling Techniques II
*Room 24 A*

**IEG MPS** What to Think about When Developing an Enterprise GIS Implementation Strategy
*Room 26 A*

**MAV TW** Working with Cartographic Representations
*Room 14 A*

### 3:15 PM–4:30 PM

**AID PD** AidData Center for Development Policy—A Cooperative Agreement with USAID
*Room 28 C*

**WEB TW** ArcGIS API for JavaScript—Advanced Topics
*Ballroom 6 C*

**DEF TW** ArcGIS for the Military—Analyzing the Operational Environment
*Ballroom D/E, Omni*

**GDB TW** Automating Geodatabase Creation with Geoprocessing Tools
*Room 32 A*

**IMG TW** Caching Imagery Using ArcGIS
*Room 5 A*

**MOB TW** Collector for ArcGIS—An Introduction
*Room 17 A*

**CRT MPS** Data Driven Pages
*Room 23 B*

**IEG TW** Enterprise GIS Architecture Deployment Options
*Room 16 B*

**URP MPS** Environmental Planning and Health
*Room 25 C*

**LOC TW** Esri Maps for Microsoft Office
*Ballroom 6 B*

**ONL MPS** Getting Information into the Hands of Your Customers
*Room 28 D*

**GIS MPS** GIS Concepts and Fundamentals
*Room 24 B*

**DIS MPS** GIS for Flood Management
*Room 30 D*
CEN MPS GIS in Elections
Room 24 A

STA MPS GIS in the Business of Government—Session 3
Room 24 C

CNS MPS Human Values
Room 28 A

AGP TW Hydrologic and Hydraulic Modeling with ArcGIS
Room 4

TRN MPS Improved Transportation Communication through GIS
Room 26 B

LOC TW Make Better Policy Decisions Using Esri Community Analyst
Ballroom 6 D

SDI MPS Management Implementation of SDI
Room 27 A

URP MPS Managing the Challenges of Urbanization
Room 30 C

MIN MPS Mining—Field Data (Mobile)
Room 23 C

ELC MPS Online and Server GIS Implementations in Utilities
Room 30 A

NMP MPS Raster and Cached Data in National Mapping
Room 31 A

REN MPS Renewable Energy Planning
Room 27 B

ROAD TW Road Ahead—Apps and Runtime ArcGIS SDKs
Ballroom 6 A

WWS MPS SCADA and GIS
Room 29 A/B

WEB TW Securing ArcGIS for Server Services—Advanced
Ballroom 6 F

DEV TW Social Coding with GitHub
Room 5 B

WEB MPS Strategies for Delivering Web GIS to Non-GIS Audiences
Room 25 A/B

IEG MPS Successful Strategies to Upgrade Your Enterprise GIS to the Next Generation
Room 23 A

CDA MPS Topics in Land Administration
Room 28 E

DEV MPS Using, Configuring, and Customizing ArcGIS Explorer Desktop
Room 26 A

MAV MPS Visualization—GIS Usage for Exploration, UAVs, and Globe Representation with ArcGIS
Room 28 B

CRT MPS Web Services
Room 29 D

MOB TW WPF—Developing Applications
Room 17 B
Thursday, July 11

GIS Discussion Lounge and 30-Minute Technical Workshops

**8:30 AM–9:00 AM**

**IEG LNG** ArcGIS Online and Cloud Computing Security Best Practices  
Hall H, GIS Discussion Lounge

**MAV TW** Esri and OpenStreetMap—Tools, Apps, Maps!  
Hall G, Room 2

**AGP TW** Network Analyst—Designing Your Network Analyst Workflow  
Hall F, Room 1

**9:00 AM–9:30 AM**

**MAV TW** Mapping Population Data  
Hall F, Room 1

**ONL TW** Online Content—The Road Ahead  
Hall G, Room 2

**9:30 AM–10:00 AM**

**GIS LNG** Making Sense of the Noise—Analyzing Crowdsourced Content  
Hall H, GIS Discussion Lounge

**10:00 AM–10:30 AM**

**INSP TW** Esri Support for GIS Standards  
Hall F, Room 1

**MAV TW** Mapping Temporal Data  
Hall G, Room 2

**10:30 AM–11:00 AM**

**AGP TW** Geocoding—What’s New in Geocoding  
Hall G, Room 2

**11:00 AM–11:30 AM**

**IEG TW** Capacity Planning Using CPT and System Designer  
Hall G, Room 2

**ONL TW** Security and ArcGIS Online  
Hall F, Room 1

**11:30 AM–NOON**

**GDB LNG** ArcGIS Deed Drafter—An Introduction  
Hall H, GIS Discussion Lounge

**MAV TW** Managing and Editing Annotation  
Hall G, Room 2

**MAV TW** Mapping Flow Data  
Hall F, Room 1

**NOON–12:30 PM**

**STA TW** Configuring ArcGIS for Local Government Web Applications—Tips and Tricks  
Hall F, Room 1

**ONL TW** Online Content and Licensing  
Hall G, Room 2

**12:30 PM–1:00 PM**

**WEB LNG** Discussion Lounge on Real-Time GIS Using GeoEvent Processor  
Hall H, GIS Discussion Lounge
MAV TW Building 2D Animations
Hall G, Room 2

1:00 PM–1:30 PM

STA TW ArcGIS for Local Government Executive Dashboard—An Overview
Hall F, Room 1

GDB TW Troubleshooting Performance Issues with Enterprise Geodatabases
Hall G, Room 2

1:30 PM–2:00 PM

LOC LNG Esri Location Analytics—Road Ahead
Hall H, GIS Discussion Lounge

IEG TW Implementation Road Map for Small GIS Projects
Hall G, Room 2

MAV TW Tips and Tricks for Publishing Hosted Services to Your ArcGIS Organization
Hall F, Room 1

2:00 PM–2:30 PM

3D TW 3D Analyst—3D Cartography for 3D Maps
Hall G, Room 2

MAV TW Troubleshooting Printing and Exporting from ArcMap
Hall F, Room 1
## Friday, July 12

### 9:00 AM–10:15 AM

**DEV TW**  ArcGIS Explorer Desktop SDK  
*Room 9*

**ONL TW**  ArcGIS Online Steps for Success  
*Room 1 A/B*

**DEV TW**  Creating .NET Add-ins for ArcGIS for Desktop  
*Room 10*

**GDB TW**  Editing Tips and Tricks  
*Ballroom 6 D*

**LOC TW**  Esri Maps for Microsoft Office  
*Ballroom 6 B*

**MOB TW**  Operations Dashboard for ArcGIS—An Introduction  
*Room 4*

**WEB TW**  Securing ArcGIS for Server Services—Introduction  
*Room 7 A/B*

**GIS TW**  What Is Location Analytics?  
*Room 2*

---

*Agenda is subject to change.*
Setting the Standard for **Lidar & Camera Integration**

- **Advanced Engineering**
- **Sensor Integration**
- **Automated Processing**
- **Unparalleled Support**

**Visit us at booth # 1701**

[www.optech.com](http://www.optech.com)
See how the Invision\textsuperscript{SM} application suite helps you manage and protect your facilities.
<table>
<thead>
<tr>
<th>Exhibitor Listing</th>
</tr>
</thead>
<tbody>
<tr>
<td>C Curbside</td>
</tr>
<tr>
<td>F Federal Showcase</td>
</tr>
<tr>
<td>Z Startup Zone</td>
</tr>
<tr>
<td>N National Security Showcase</td>
</tr>
<tr>
<td>V Environment Showcase</td>
</tr>
<tr>
<td>1806 3Di</td>
</tr>
<tr>
<td>2008 3-GIS</td>
</tr>
<tr>
<td>1917 Accela</td>
</tr>
<tr>
<td>417 AccuWeather</td>
</tr>
<tr>
<td>2400 AECOM</td>
</tr>
<tr>
<td>1809 aero-graphics.com</td>
</tr>
<tr>
<td>1603 AeroMetric</td>
</tr>
<tr>
<td>N332 Analytical Graphics, Inc.</td>
</tr>
<tr>
<td>V1538 Algalita Marine Research Institute</td>
</tr>
<tr>
<td>416 Amazon Web Services</td>
</tr>
<tr>
<td>514 American Digital Cartography</td>
</tr>
<tr>
<td>N746 American Medical Response</td>
</tr>
<tr>
<td>1009 American Society for Photogrammetry &amp; Remote Sensing</td>
</tr>
<tr>
<td>N332 Analytical Graphics Inc.</td>
</tr>
<tr>
<td>V1441 Aquarium of the Pacific</td>
</tr>
<tr>
<td>1103 Aquaveo</td>
</tr>
<tr>
<td>411 Association of American Geographers</td>
</tr>
<tr>
<td>1716 Astrium GEO-Information Services</td>
</tr>
<tr>
<td>1913 Avenza Systems</td>
</tr>
<tr>
<td>1216 Avolve Software</td>
</tr>
<tr>
<td>1515 BAE Systems</td>
</tr>
<tr>
<td>N725 BAIR Analytics</td>
</tr>
<tr>
<td>2808 Black &amp; Veatch</td>
</tr>
<tr>
<td>V1225 Blue Raster</td>
</tr>
<tr>
<td>N625 Bradshaw Consulting Services</td>
</tr>
<tr>
<td>516 CaGIS</td>
</tr>
<tr>
<td>V1325 Cal Poly State University</td>
</tr>
<tr>
<td>2402 California Surveying &amp; Drafting Supply</td>
</tr>
<tr>
<td>901 Canon U.S.A.</td>
</tr>
<tr>
<td>318 Carahsoft</td>
</tr>
<tr>
<td>1201 Carlson Software</td>
</tr>
<tr>
<td>1901, C200</td>
</tr>
<tr>
<td>V1442 Catholic Relief Services</td>
</tr>
<tr>
<td>1011 CDM Smith</td>
</tr>
<tr>
<td>319 CE Info Systems</td>
</tr>
<tr>
<td>V1236 CGIAR Consortium for Spatial Information</td>
</tr>
<tr>
<td>612 Citilabs</td>
</tr>
<tr>
<td>N439 City of Philadelphia Police Department</td>
</tr>
<tr>
<td>N645 City of Redlands Fire Department</td>
</tr>
<tr>
<td>2516 CitySourced</td>
</tr>
<tr>
<td>2309 Cityworks</td>
</tr>
<tr>
<td>N324 ClearTerra</td>
</tr>
<tr>
<td>2100 Clevest</td>
</tr>
<tr>
<td>V1424 CLIMsystems</td>
</tr>
<tr>
<td>2004 Collins Bartholomew</td>
</tr>
<tr>
<td>1302 Colortrac</td>
</tr>
<tr>
<td>2106 CompassCom</td>
</tr>
<tr>
<td>2005 con terra</td>
</tr>
<tr>
<td>V1436 Conservation International</td>
</tr>
<tr>
<td>1406 Contex Americas</td>
</tr>
<tr>
<td>1102 Coordinates Magazine</td>
</tr>
<tr>
<td>419 CoreLogic</td>
</tr>
<tr>
<td>817 Critigen</td>
</tr>
<tr>
<td>1509 CRW Systems</td>
</tr>
<tr>
<td>616 Cutting Edge</td>
</tr>
<tr>
<td>N732 CyberTech</td>
</tr>
<tr>
<td>1208, N835</td>
</tr>
<tr>
<td>1603 DAT/EM</td>
</tr>
<tr>
<td>2507 Data East</td>
</tr>
<tr>
<td>1702 DEIMOS Imaging</td>
</tr>
<tr>
<td>2104 DeLorme</td>
</tr>
<tr>
<td>V1135 Development Gateway</td>
</tr>
<tr>
<td>Exhibitor Listing</td>
</tr>
<tr>
<td>-------------------</td>
</tr>
<tr>
<td>917</td>
</tr>
<tr>
<td>2506</td>
</tr>
<tr>
<td>2101</td>
</tr>
<tr>
<td>2509</td>
</tr>
<tr>
<td>1700</td>
</tr>
<tr>
<td>F928</td>
</tr>
<tr>
<td>2602</td>
</tr>
<tr>
<td>2012</td>
</tr>
<tr>
<td>1402</td>
</tr>
<tr>
<td>511</td>
</tr>
<tr>
<td>1117</td>
</tr>
<tr>
<td>2612</td>
</tr>
<tr>
<td>2719</td>
</tr>
<tr>
<td>V1137</td>
</tr>
<tr>
<td>1607</td>
</tr>
<tr>
<td>1413</td>
</tr>
<tr>
<td>1301</td>
</tr>
<tr>
<td>2305</td>
</tr>
<tr>
<td>410</td>
</tr>
<tr>
<td>1111</td>
</tr>
<tr>
<td>1010</td>
</tr>
<tr>
<td>N727</td>
</tr>
<tr>
<td>N629</td>
</tr>
<tr>
<td>1714</td>
</tr>
<tr>
<td>1206</td>
</tr>
<tr>
<td>N730</td>
</tr>
<tr>
<td>2417</td>
</tr>
<tr>
<td>1410</td>
</tr>
<tr>
<td>1711</td>
</tr>
<tr>
<td>1218</td>
</tr>
<tr>
<td>N224</td>
</tr>
<tr>
<td>517</td>
</tr>
<tr>
<td>513</td>
</tr>
<tr>
<td>2001</td>
</tr>
<tr>
<td>V1534</td>
</tr>
<tr>
<td>1202</td>
</tr>
<tr>
<td>1200</td>
</tr>
<tr>
<td>717</td>
</tr>
<tr>
<td>1807</td>
</tr>
<tr>
<td>1002</td>
</tr>
<tr>
<td>1409</td>
</tr>
<tr>
<td>1401</td>
</tr>
<tr>
<td>2511</td>
</tr>
<tr>
<td>1017</td>
</tr>
<tr>
<td>713</td>
</tr>
<tr>
<td>Z3000</td>
</tr>
<tr>
<td>N724</td>
</tr>
<tr>
<td>2709</td>
</tr>
<tr>
<td>1619</td>
</tr>
<tr>
<td>2415</td>
</tr>
<tr>
<td>317</td>
</tr>
<tr>
<td>2705</td>
</tr>
<tr>
<td>1116</td>
</tr>
<tr>
<td>N826</td>
</tr>
<tr>
<td>1800</td>
</tr>
<tr>
<td>V1131</td>
</tr>
<tr>
<td>518</td>
</tr>
<tr>
<td>1112</td>
</tr>
<tr>
<td>2517</td>
</tr>
<tr>
<td>1307</td>
</tr>
<tr>
<td>2301</td>
</tr>
<tr>
<td>1501</td>
</tr>
<tr>
<td>V1530</td>
</tr>
<tr>
<td>1704</td>
</tr>
<tr>
<td>2700</td>
</tr>
<tr>
<td>2501</td>
</tr>
<tr>
<td>2606</td>
</tr>
<tr>
<td>1713,</td>
</tr>
<tr>
<td>C100</td>
</tr>
<tr>
<td>1110</td>
</tr>
<tr>
<td>2718</td>
</tr>
<tr>
<td>2518</td>
</tr>
<tr>
<td>2619</td>
</tr>
<tr>
<td>Exhibitor Listing</td>
</tr>
<tr>
<td>-------------------</td>
</tr>
<tr>
<td>N435  Seattle Police Department</td>
</tr>
<tr>
<td>1808  SenseFly</td>
</tr>
<tr>
<td>1118  SkyTECH Solutions</td>
</tr>
<tr>
<td>Z2909  SmarterBetterCities</td>
</tr>
<tr>
<td>1300  Solid Terrain Modeling</td>
</tr>
<tr>
<td>1508  Source Graphics</td>
</tr>
<tr>
<td>2603  SPAR Point Group</td>
</tr>
<tr>
<td>1016  Spatial Wave</td>
</tr>
<tr>
<td>1205  Surveying And Mapping</td>
</tr>
<tr>
<td>2006  Spectra Precision</td>
</tr>
<tr>
<td>909   T3W</td>
</tr>
<tr>
<td>2401  TC Technology</td>
</tr>
<tr>
<td>2703  Teradata</td>
</tr>
<tr>
<td>1007  Tetra Tech</td>
</tr>
<tr>
<td>610   The Gartrell Group</td>
</tr>
<tr>
<td>V1536  The GIS Institute</td>
</tr>
<tr>
<td>V1332  The Green Belt Movement</td>
</tr>
<tr>
<td>N733  The Intterra Group</td>
</tr>
<tr>
<td>V1230  The Jane Goodall Institute</td>
</tr>
<tr>
<td>V1231  The Nature Conservancy</td>
</tr>
<tr>
<td>N631  The Omega Group</td>
</tr>
<tr>
<td>1106  The Sidwell Company</td>
</tr>
<tr>
<td>V1227  The Society for Conservation GIS</td>
</tr>
<tr>
<td>V1324  The Trust for Public Land</td>
</tr>
<tr>
<td>1001  Thomson Reuters</td>
</tr>
<tr>
<td>Z3004  thrdPlace</td>
</tr>
<tr>
<td>911   TMA Systems</td>
</tr>
<tr>
<td>1217  TomTom</td>
</tr>
<tr>
<td>1815  Topcon Positioning Systems</td>
</tr>
<tr>
<td>N227  Topsy</td>
</tr>
<tr>
<td>1907  TouchTable</td>
</tr>
<tr>
<td>2015  Trimble</td>
</tr>
<tr>
<td>711   Tyler Technologies</td>
</tr>
<tr>
<td>1100  UNIGIS International Association</td>
</tr>
<tr>
<td>V1139  United Nations Environment Programme</td>
</tr>
<tr>
<td>V1141  United Nations University Institute for Sustainability &amp; Peace</td>
</tr>
<tr>
<td>V1238  University Corp for Atmospheric Research</td>
</tr>
<tr>
<td>V1427  University of California Santa Barbara</td>
</tr>
<tr>
<td>1000  University of Denver</td>
</tr>
<tr>
<td>1006  University of Redlands</td>
</tr>
<tr>
<td>1101  University of Southern California</td>
</tr>
<tr>
<td>519   URISA</td>
</tr>
<tr>
<td>N233  US Army Special Operations Command</td>
</tr>
<tr>
<td>F924  US Census Bureau</td>
</tr>
<tr>
<td>2702  US Computing</td>
</tr>
<tr>
<td>F1142  US Department of Transportation</td>
</tr>
<tr>
<td>F1033  US Department of Veterans Affairs</td>
</tr>
<tr>
<td>F1132  US Forest Service</td>
</tr>
<tr>
<td>F1138  US Geological Survey</td>
</tr>
<tr>
<td>Z2907  Valarm</td>
</tr>
<tr>
<td>219   Verizon Terremark</td>
</tr>
<tr>
<td>2514  VESTRA Resources</td>
</tr>
<tr>
<td>N839  Veteran’s Emergency Technical Services</td>
</tr>
<tr>
<td>1617  Vexcel Imaging</td>
</tr>
<tr>
<td>2712  VISICOM</td>
</tr>
<tr>
<td>Z3002  Voter Gravity</td>
</tr>
<tr>
<td>1910  Western Data Systems</td>
</tr>
<tr>
<td>V1232  Wildlife Conservation Society</td>
</tr>
<tr>
<td>N454  Witt O’Brien’s</td>
</tr>
<tr>
<td>V1426  Woods Hole Research Center</td>
</tr>
<tr>
<td>1812  Woolpert</td>
</tr>
<tr>
<td>V1233  World Resources Institute</td>
</tr>
<tr>
<td>V1333  World Vision</td>
</tr>
<tr>
<td>V1331  World Wildlife Fund</td>
</tr>
<tr>
<td>1107  WorldView Solutions</td>
</tr>
<tr>
<td>Z2903  Zympi, Inc.</td>
</tr>
</tbody>
</table>
T3W is an A&E company that develops geo-enabling tools and provides data optimizing services—saving our clients time and money while maximizing their resources.

SERVICES

- Data Collection, Processing, QA, & Enterprise-wide Delivery
- Application Development (Mobile & Web)
- Space / Asset: Planning, Allocation & Optimization
- Environmental & Safety Compliance
- Utilities Surveying & 3D Mapping

SBA: 8(a), EDWOSB; CPUC: WBE; CUCP: DBE; State of CA: SBE; Coalition of Southern CA Public Agencies: SBE; City of San Diego: SLBE

3921 Ampudia Street
San Diego, CA 92119
(619) 298-0888 Fax:(619) 298-5888
info@T3W.com

Trademarks provided under license from esri
SDCC, Ground Level
Canon offers large-format printing solutions designed with exceptional speed, flexibility and quality. With our diverse family of products, you can choose the solution that is right for your business application.

*Visit booth #901*
Mark Your Calendar

The 34th Annual Esri International User Conference
July 14–18, 2014

Esri Education GIS Conference
July 12–15, 2014

Esri National Security Summit
July 12–15, 2014

Esri Business Summit
July 13–15, 2014

Esri UC Survey
Please take a moment to complete the online survey at esri.com/ucsurvey.

My Esri News: Your Personal GIS News Source
My Esri News provides an exciting way to stay connected and informed about products, training, user groups, and regional events in your community.
Subscribe online at esri.com/myesrinews.
Esri Conferences

Esri Health GIS Conference  
October 14–16, 2013  
Cambridge, MA

Esri Electric and Gas GIS Conference  
October 20–23, 2013  
San Antonio, TX

GIS for the United Nations and the International Community  
October 2013  
New York, NY

Esri Southwest User Conference  
November 13–15, 2013  
Salt Lake City, UT

Esri Mid-Atlantic User Conference  
December 10–11, 2013  
Baltimore, MD

Geodesign Summit  
January 29–30, 2014  
Redlands, CA

Esri Federal GIS Conference  
February 10–12, 2014  
Washington, DC

Esri Partner Conference  
March 8–11, 2014  
Palm Springs, CA

Esri International Developer Summit  
March 10–13, 2014  
Palm Springs, CA

Esri Petroleum GIS Conference  
April 23–25, 2014  
Houston, TX

Esri Southeast User Conference  
May 5–7, 2014  
Charlotte, NC

Esri Forestry GIS Conference  
May 20–22, 2014  
Redlands, CA

Esri International Conferences

Esri Latin America User Conference  
October 16–18, 2013  
Lima, Peru

Esri Europe, Middle East, and Africa User Conference  
October 23–25, 2013  
Munich, Germany

Esri Asia Pacific User Conference  
November 12–14, 2013  
Singapore

Esri Developer Summit—Middle East  
November 17–19, 2013  
Dubai, UAE

Esri Partner Conference—Middle East and Africa  
November 19–21, 2013  
Dubai, UAE

Esri Developer Summit—Europe  
November 2013  
London, England

esri.com/events
Here, there, everywhere—the Esri UC agenda app is the fastest, easiest, and most powerful way to get the most out of attending the Esri UC. It’s time to mobilize the power of where.

PS—It’s free.

esri.com/uciosapp

esri.com/ucandroidapp