# Mapping Industry: Events and Activities

**The Esri International User Conference has many presentations and events with hundreds of topics covered. To help you find your way to the Mapping, Charting, Topographic Mapping, Defense Mapping, Maritime, Aviation, and Nation GIS/NSDI sessions and events, please use the following focused agenda.**

## National GIS Executive Forum

July 18 - 21        Hilton San Diego Bayfront Hotel

**Providing Foundational Information through Mapping, Charting, Land Administration, NSDI, and Statistics**

The Esri National GIS Executive Forum brings together chief executive officers and their senior managers from national agencies, who are responsible for mapping, charting, surveying, cadastre, land administration, and statistics. This is an invitation only event, but you can request to attend and get more information at: http://www.esri.com/events/gis-executive-forum

## Esri 3D Mapping Forum

July 18 - 21        Omni San Diego Hotel

**Creating the Future of 3D GIS**

Expanded use of 3D GIS and mapping technology is increasingly common because of its ability to realistically render natural and man-made features for better analysis and decision-making. Recent developments in Esri CityEngine and the ArcGIS platform include advanced capabilities to quickly generate intelligent 3D visualizations that retain the modeling capabilities found in 2D GIS.  Get more information at http://www.esri.com/events/3dforum\

## National Government Showcase - Mapping | Statistics Area

Tuesday, July 9, 9:00 AM–6:00 PM
Wednesday, July 10, 9:00 AM–6:00 PM
Thursday, July 11, 9:00 AM–1:30 PM
Ground Level Exhibit Hall D, San Diego Convention Center (SDCC)

Visit the Mapping and Statistics area in the National Government Showcase to see GIS solutions for all aspects of Mapping and Statistics. The Showcase will feature Topographic Mapping, Maritime, Aviation, Cadastre, Land Administration, Statistics, and Nation GIS/NSDI solutions. These applications are deployed using Internet, servers, PCs and handheld devices. You can interact with Esri mapping and statistics GIS experts and meet GIS users from national government agencies and see demonstrations of their work.

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## Demo Theater Schedule

### Tuesday, July 21

| Time | Session | Location |
|---|---|---|
| 10:30 AM - 11:15 AM | ArcGIS Data Reviewer: Assessing Positional Accuracy | Geodata Management Exhibit Hall C |
| 11.30 AM - 12.15 PM | Managing Workflows via the Server Extension | Web & Server GIS Exhibit Hall C |
| 11:30 AM - 12:15 PM | Automating Map Generalization Workflows | Mapping & Visualization Exhibit Hall |
| 11:30 AM - 12:15 PM | Integrating ArcGIS Data Reviewer & ArcGIS Workflow Manager | Geodata Management Exhibit Hall C |
| 12:30 PM - 1:15 PM | Esri Production Mapping: Performing cartographic QA/QC | Mapping & Visualization Exhibit Hall B |
| 12:30 PM - 1:15 PM | Leveraging Geoprocessing for Data Validation | Geodata Management Exhibit Hall C |
| 12:30 PM - 1:15 PM | Performing cartographic QA/QC | Mapping & Visualization Exhibit Hall |
| 12:30 PM - 1:15 PM | Esri Defense Mapping: Cartographic Production | National Security Showcase Exhibit Hall D |
| 1:30 PM - 2:15 PM | Quality Assessment for Elevation Raster Datasets | Geodata Management Exhibit Hall C |
| 2:00 PM - 2:30 PM | ArcGIS for Aviation: Airports and GIS | General Theater 2 Exhibit Hall A |
| 2:30 PM - 3:15 PM | Generating High Quality Product-On-Demand Maps Over the Web | Web & Server GIS Exhibit Hall C |
| 3.30 PM - 4.15 PM | ArcGIS Workflow Manager: Getting Started Out-of-the-Box Templates | Geodata Management Exhibit Hall C |
| 4.30 PM - 5.15 PM | Tasks and Enterprise Workflows | Geodata Management Exhibit Hall C |
| 4:30 PM - 5:15 PM | Esri Production Mapping: Configuring Business Rules | Mapping & Visualization Exhibit Hall B |
| 5.30 PM - 6.15 PM | Using Custom Properties to Automate Workflows | Geodata Management Exhibit Hall C |
| 5:30 PM - 6:15 PM | Configuring the solution for Civilian Topographic Agencies | Mapping & Visualization Exhibit Hall B |

### Wednesday, July 22

| Time | Session | Location |
|---|---|---|
| 9.30 AM - 10.15 AM | Esri Defense Mapping: Cartographic Production | National Security Showcase Exhibit Hall D |
| 11:00 AM - 11:30 AM | Integrating Open-Source Statistical Packages with ArcGIS | General Theater 2 Exhibit Hall A |
| 11:30 AM - 12:15 PM | Methods for Mapping Temporal Data | Mapping & Visualization Exhibit Hall B |
| 1:00 PM - 1:30 PM | Pixels and Points: Imagery Sources and Usage in GIS | General Theater 2 Exhibit Hall A |
| 1:30 PM - 2:15 PM | ArcGIS for INSPIRE: Implementation Patterns | Web & Server GIS Exhibit Hall C |
| 2:30 PM - 3:15 PM | Automating map production workflows using ArcPyProduction site pkg. | Mapping & Visualization Exhibit Hall B |
| 2:30 PM - 3:15 PM | Esri Defense Mapping: Enterprise Production Management | National Security Showcase Exhibit Hall D |
| 3:30 PM - 4:15 PM | Automate Map Production With ArcGIS Workflow Manager | Mapping & Visualization Exhibit Hall B |
| 5:00 PM - 5:30 PM | Using ArcGIS Online Analysis widgets | General Theater 3 Exhibit Hall A |
| 5:30 PM - 6:15 PM | Creating Smart Surround Elements | Mapping & Visualization Exhibit Hall B |

## Industry Focused Sessions and Technical Workshops

### Tuesday, July 21

| Time | Session | Room |
|---|---|---|
| 8:30 AM - 9:45 AM | Ocean - Multi-Dimensional Data and Modeling | Room 25 C |
| 8:30 AM - 9:45 AM | Imagery Use Stories | Room 25 A/B |
| 8:30 AM - 9:45 AM | 3D Cartographic Techniques: An Introduction | Room 31 B |
| 8:30 AM - 9:45 AM | CAD: Introduction to using CAD Data in ArcGIS | Room 03 |
| 10:15 AM - 11:30 AM | Ocean - Hydrography, Dredging, and Bathymetry | Room 25 C |
| 10:15 AM - 11:30 AM | ArcGIS Online: Smart Mapping - Make Brilliant Maps Quickly and With Confidence | Room 09 |
| 10:15 AM - 11:30 AM | Imagery: What's New | Room 25 A/B |
| 1.30 PM - 2.45 PM | ArcGIS Workflow Manager: An Introduction | Room 16 B |
| 1:30 PM - 2:45 PM | Ocean - Marine Spatial Planning | Room 25 C |
| 1:30 PM - 2:45 PM | ArcGIS for the Military: Land Operations: An Introduction | Omni Ballroom A/B |
| 3.15 PM - 4.30 PM | ArcGIS Workflow Manager: Advanced Workflows and Concepts | Room 16 B |
| 3:15 PM - 4:30 PM | 3D Mapping and Lidar best practices for natural hazards and natural resources | Room 23 A |
| 3:15 PM - 4:30 PM | Ocean - AIS, ROV, and Drone Applications | Room 25 C |
| 3:15 PM - 4:30 PM | An Overview of Geospatial Standards Support within the ArcGIS platform | Room 32 B |
| 3:15 PM - 4:30 PM | Esri Geoportal Server: Implementing a Spatial Data Infrastructure | Room 31 A |
| 4:00 PM - 5:00 PM | NextGen GEOINT Fusion Powered by IBM i2 Enterprise Insight Analysis (EIA) & COPLink | Room 16 A |

### Wednesday, July 22

| Time | Session | Room |
|---|---|---|
| 8:30 AM - 9:45 AM | Advanced Analysis, Prediction and Dissemination of Big Data | Room 29 A/B |
| 8:30 AM - 9:45 AM | AppStudio for ArcGIS: The Basics | Room 17 A |
| 8:30 AM - 9:45 AM | ArcGIS Data Reviewer: An Introduction | Room 14 B |
| 8:30 AM - 9:45 AM | ArcGIS for the Military: Maritime Operations: An Overview | Omni Ballroom A/B |

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|---|---|---|
| 8:30 AM - 9:45 AM | Enhanced Techniques in Cartographic Depiction | Room 30 A |
| 8:30 AM - 9:45 AM | High Resolution 3D Mapping for Urban Environments with ArcGIS | Room 26 B |
| 8:30 AM - 9:45 AM | Real-Time GIS: Applying Real-Time Analytics | Room 14 B |
| 8:30 AM - 9:45 AM | Survey Control | Room 23 A |
| 8:30 AM - 9:45 AM | Using the Operations Dashboard for ArcGIS | Room 31 C |
| 8:30 AM - 9:45 AM | Map Design: Introduction to Best Practices | Room 08 |
| 10:15 AM - 11:30 AM | Bathymetric Data Development | Room 25 A/B |
| 10:15 AM - 11:30 AM | Esri Production Mapping: Map Automation & Advanced Cartography | Room 15 B |
| 10:15 AM - 11:30 AM | GIS in Aviation | Room 27 B |
| 10:15 AM - 11:30 AM | Leveraging metadata standards in ArcGIS to support Interoperability | Room 32 B |
| 10:15 AM - 11:30 AM | Map Automation & Advanced Cartography | Room 15 B |
| 10:15 AM - 11:30 AM | Understanding the Impacts Accuracy on Lidar and 3D Deliverables with ArcGIS | Room 26 B |
| 10:15 AM - 11:30 AM | USACE and USARNG Web Applications | Omni Ballroom C |
| 10:15 AM - 11:30 AM | Collector for ArcGIS: An Overview | Ballroom 06 D |
| 10:15 AM - 11:30 AM | Desktop Mapping: Using Cartographic Representations | Ballroom 06 C |
| 10:15 AM - 11:30 AM | Map Design: Mapping Statistical Data | Room 08 |
| 1:30 PM - 2:45 PM | ArcGIS: UAS to GIS | Room 23 B |
| 1:30 PM - 2:45 PM | Designing the New Map | Room 30 A |
| 1:30 PM - 2:45 PM | Desktop Mapping: Working with Metadata in ArcGIS | Room 32 B |
| 1:30 PM - 2:45 PM | GIS for Ports and Maritime | Room 27 B |
| 1:30 PM - 2:45 PM | GIS for Situational Awareness and Decision Making | Room 30 D |
| 1:30 PM - 2:45 PM | Portal for ArcGIS Administration | Room 04 |
| 1:30 PM - 2:45 PM | ArcGIS Online: Smart Mapping - Make Brilliant Maps Quickly and With Confidence | Room 15 B |
| 1:30 PM - 2:45 PM | Map Design: Full-throttle Mapping! | Room 08 |
| 3:15 PM - 4:30 PM | Applying Spatial Analysis Techniques to Make Better Decisions | Room 17 B |
| 3:15 PM - 4:30 PM | ArcGIS Online: Deploying and using apps across the organization for everyone | Room 28 C |
| 3:15 PM - 4:30 PM | Extending the Operations Dashboard for ArcGIS | Room 32 B |
| 3:15 PM - 4:30 PM | Field Collection Using Smartphones and Tablets | Room 29 C |
| 3:15 PM - 4:30 PM | Planning and deploying data quality services | Room 31 C |
| 3:15 PM - 4:30 PM | Desktop Mapping: Labeling Features with Maplex | Ballroom 06 B |
| 5:30 PM - 7:00 PM | US-Mexico, US-Canada International boundaries | Room 25 C |
| **Thursday, July 23** | | |
| 8:30 AM - 9:45 AM | 3D Campus and Facility Modeling | Room 27 B |
| 8:30 AM - 9:45 AM | ArcGIS Data Reviewer: An Introduction | Room 16 B |
| 8:30 AM - 9:45 AM | Communication with 3D Maps | Room 23 C |
| 8:30 AM - 9:45 AM | Essential Mapping Apps Overview | Ballroom 06 F |
| 8:30 AM - 9:45 AM | GIS and Next-Gen Aviation | Room 23 B |
| 8:30 AM - 9:45 AM | Portal for ArcGIS Administration | Room 02 |
| 8:30 AM - 9:45 AM | Smart Mapping | Ballroom 06 D |
| 8:30 AM - 9:45 AM | Spatial Analyst: Getting Started | Room 17 A |
| 8:30 AM - 9:45 AM | Technology for Cadastral Systems | Room 24 A |
| 8:30 AM - 9:45 AM | CAD: Introduction to using CAD Data in ArcGIS | Room 15 A |
| 8:30 AM - 9:45 AM | Desktop Mapping: Labeling Features with Maplex | Room 32 B |
| 8:30 AM - 9:45 AM | Map Design: Introduction to Best Practices | Room 08 |
| 10:15 AM - 11:30 AM | Applying Spatial Analysis Techniques to Make Better Decisions | Room 14 A |
| 10:15 AM - 11:30 AM | ArcGIS Extension: Tools for Improving Data and Map Production | Room 16 B |
| 10:15 AM - 11:30 AM | ArcGIS for Intelligence: How to Create Meaningful Map Products | Omni Ballroom A/B |
| 10:15 AM - 11:30 AM | Data Compilation and Analysis with ArcGIS | Room 24 B |
| 10:15 AM - 11:30 AM | Modernizing American Land Records | Room 24 A |
| 10:15 AM - 11:30 AM | Online Decision Support Systems | Room 31 A |
| 10:15 AM - 11:30 AM | Spatial Analyst - Suitability Modeling | Room 09 |
| 10:15 AM - 11:30 AM | Working with Feature Services | Room 31 B |
| 10:15 AM - 11:30 AM | Map Design: Mapping Statistical Data | Room 08 |
| 1.30 PM - 2.45 PM | ArcGIS Workflow Manager: An Introduction | Room 16 B |
| 1:30 PM - 2:45 PM | Applying Spatial Statistics: The Analysis Process in Action | Room 05 A |

| 1:30 PM - 2:45 PM | Geodesign and Immersive 3D Modeling | Room 27 B |
| 1:30 PM - 2:45 PM | Introduction to ArcGIS Online Spatial Analysis | Room 17 B |
| 1:30 PM - 2:45 PM | Web Apps as Focused Decision Making Tools | Room 24 B |
| 1:30 PM - 2:45 PM | Desktop Mapping: Using Cartographic Representations | Room 32 B |
| 1:30 PM - 2:45 PM | Map Design: Full-throttle Mapping! | Room 08 |
| 1:30 PM - 2:45 PM | Data Organization and Dissemination | Room 31 A |
| 1:30 PM - 2:45 PM | Flood Modeling and Prediction Using GIS | Room 30 E |
| 3:15 PM - 4:30 PM | ArcGIS for Maritime: Supporting You Above and Below the Water | Room 16 B |
| 3:15 PM - 4:30 PM | Esri Production Mapping: An Introduction | Room 15 B |
| 3:15 PM - 4:30 PM | Integrate Devices and Manage Data in the Field | Room 26 B |
| 3:15 PM - 4:30 PM | Interoperability, Standards and Metadata | Room 23 A |
| 3:15 PM - 4:30 PM | Using the Operations Dashboard for ArcGIS | Room 32 A |
| 3:15 PM - 4:30 PM | Esri Geoportal Server: Implementing a Spatial Data Infrastructure | Room 31 B |
| 3:15 PM - 4:30 PM | 3D Cartographic Techniques: An Introduction | Room 17 A |

### Friday, July 24

| 9:00 AM - 10:15 AM | Collector for ArcGIS: An Overview | Room 03 |

## Special Interest Group (SIG) Meetings

### Tuesday, July 21

| 12:00 PM - 1:00 PM | Ocean Science and METOC | Room 25 C |
| 12:00 PM - 1:00 PM | ArcGIS Workflow Manager User Group Meeting | Room 28 A |
| 12:00 PM - 1:00 PM | Surveying SIG | Room 24 A |

### Wednesday, July 22

| 12:00 PM - 1:00 PM | Spatial Data Infrastructure SIG | Room 23 A |
| 12:00 PM - 1:00 PM | 2015 Hydro SIG | Room 26 A |
| 12:00 PM - 1:00 PM | ArcGIS Data Reviewer SIG | Room 28 B |
| 12:00 PM - 1:00 PM | UAS/Drone SIG | Room 30 E |
| 1:00 PM - 3:30 PM | LADM Workshop - Land Administration Domain Model | Room 12 |
| 5:30 PM - 7:00 PM | Metadata SIG | Room 12 |

### Thursday, July 23

| 12:00 PM - 1:00 PM | Aviation SIG | Room 23 B |
| 12:00 PM - 1:00 PM | Land Records Meetup | Room 31 B |
| 12:00 PM - 1:00 PM | Cartography Special Interest Group Meeting | Room 24 A |

## Moderated Paper Presentations

### Tuesday, July 21

| 1:30 PM - 2:45 PM | Imagery Access and Use | Room 25 A/B |
| 1:30 PM - 2:45 PM | Big Data with ArcGIS: Managing and using large Lidar and 3D datasets | Room 23 A |
| 3:15 PM - 4:30 PM | Imagery Processing and Analysis | Room 25 A/B |

### Wednesday, July 22

| 8:30 AM - 9:45 AM | DISDI and SDSFIE: New Policy, New Standards | Omni Ballroom D/E |
| 8:30 AM - 9:45 AM | Utilizing New Data Sources | Room 31 A |
| 10:15 AM - 11:30 AM | Integrating Data for Quality Information Products | Room 31 A |
| 10:15 AM - 11:30 AM | City and State Spatial Data Infrastructures | Room 23 A |
| 1:30 PM - 2:45 PM | Using Collaboration to Leverage Resources | Room 31 A |
| 1:30 PM - 2:45 PM | The US National Spatial Data Infrastructure Strategic Plan: Vision and Progress to Date | Room 28 E |
| 1:30 PM - 2:45 PM | Societal Benefits of Spatial Data Infrastructures | Room 23 A |
| 3:15 PM - 4:30 PM | The National Geospatial Platform: What's New and What's Coming Soon | Room 28 E |
| 3:15 PM - 4:30 PM | Spatial Data Infrastructure Management | Room 23 A |

### Thursday, July 23

| 8:30 AM - 9:45 AM | The National Geospatial Platform: What's New and What's Coming Soon | Room 29 A |
| 10:15 AM - 11:30 AM | The US National Spatial Data Infrastructure Strategic Plan: Vision and Progress to Date | SDCC 29A |
| 12:00 PM - 1:00 PM | From Field to Folio - Trimble Land Administration Solutions | Room 30 A |
| 1:30 PM - 2:45 PM | Topics in Land Administration | Room 24 A |