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Tuesday, October 4

- **Welcome & Keynote Address:** *Jack Dangermond*

National Emergency Response

- RAPT: An Equitable and Inclusive GIS tool for Understanding Community Resilience - *Benjamin Rance* 56
- Disaster Management and Visualization of Spatial Data: USGS Event Support Maps - *Xan Fredericks, GISP; Chris Cretini* N/A
- Web-First Solutions and Experience Builder Reporting: FEMA and Flood Hazard Risk - *Steve Savage, GISP* 297

Leveraging ArcGIS Hub for Pro-Equity Anti-Racism

- Leveraging ArcGIS Hub For Pro-Equity Anti-Racism - *Nicole D. Franklin; Clinton Johnson* 79

A Migration Path to ArcGIS Pro

- ArcGIS Pro Add-In Development: An Introduction for the GIS Layperson - *David Howes, Ph.D.* N/A
- Programmatic Geoprocessing Workflows using Pandas Dataframes in ArcGIS Pro Notebooks - *Zachary Uhlmann* 328
- Migrating to ArcGIS Pro and Map Templates - *Eric Buehler, GISP* 121

Talking About Ethics

- Talking About Ethics - *Mike Goodchild* 224

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- Deep Dive into NG9-1-1 GIS Data Model - *Deb Rozeboom, PMP, ENP, GISP; Keri Brennan, GISP* 111
- Implementing Configurable NG9-1-1 GIS Solutions - *Sheila Steffenson; Steve Steinberg, Ph.D., MPA, GISP; Rachel Marquez, GISP; Eric Shreve; Natalie Lee, GISP* 1

Evaluating Efficiency and Equity of Urban Systems with Spatial Analysis

- Metro's High Injury Corridors and Intersections - *Al Mowbray, GISP* 31
- Setback Analysis and the Revitalization of Zoning Ordinances - *Trisha Brush, GISP* 760
- Evaluation Spatial Accessibility to Health Care Facilities in Jeddah City - *Abdulkader Murad, Ph.D* N/A

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- La Mesa Watershed Landscape Analysis - *Paul Nikolai Ruivivar* 243
- Local Applications of Redistricting - *Mark Salling, PhD, GISP* 179

Supporting Your Enterprise GIS Infrastructure

- Assessing Your Enterprise GIS Environment - *Chris Akin, GISP; Alex Bakhtin* 62
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- Balloon-Eye View to Support Urban Water - *John Nolte, GISP; Andrew Antonio* 47
- The Licking River Blue Water Trail - *Trisha Brush, GISP* 314

Surveying and GIS - Challenges and Opportunities with Rapidly Advancing Technologies

- Rapidly Advancing Technology and Cooperating Professions - *Brent Jones, PE, PLS; Tim Burch, PLS; Teresa Townsend, AICP* N/A

GIS Leadership & Management

- Enterprise GIS Program Best Practices: The Path to GIS Success - *Adam Carnow* 13

Excellence in GIS

- **Single Process System Winner:** Franklin County Auditor’s Office Tax Incentive Hub - *Matt Shade, GISP* 195
- **Single Process Distinguished System:** Lead Services - *Rafael Hernandez*
- **Enterprise System Winner:** The Sussex County - DeIDOT Permit Tracker - *Megan Nehrbas* 217
- **Enterprise Distinguished System:** ETRG Program Enterprise System - *Kristina Deitz, GISP* 171

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- Maximizing Mentorship - *Sid Pandey, CSM; Rachel Layko; Kristin Johnston, GISP* 209

Preparing for Emergency Response

- Utility Wildfire Risk Analysis Using Public Data - *Sephe Fox* N/A

- Green Scores for Red Actors- Using GIS for Situational Awareness with PV Systems - *Dave Cook, GISP*

Data Collection & Management

- Z-axis and Indoor Maps, the Intersection of Location for Public Safety - *Keri Brennan, GISP, ENP* N/A

Mapping Equity and Community Participation

- Mapping Equity: The Los Angeles County Equity Explorer - **2022 ESIG Distinguished System Award Winner** - *Shannon Julius, GISP; Robert Graham, GISP; Dr. Steve Steinberg, GISP* 943
- The Case for a Community Participation Plan for Every GIS Program - *Greg Babinski, GISP* 950

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- How ArcGIS Field Maps can Digitally Transform and Connect your Mobile Staff - *Chiosa-abuofu (Kennedy) Esume; Jacob (Jake) Wittenberg* N/A

GIS Leadership & Management

- Building a Business Model for your GIS - *Pravin Mathur, GISP, MIAM* 253

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- *Peter Croswell, GISP, PMP, CMS; Alex Harper; Regina Hagger, GISP; Trisha W. Brush, PMP, GISP*

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- Adventures in Broadband Mapping - *Jeremy Jurick, GISP* 448

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- Supporting Extract, Transform, and Load Development for Next Generation 9-1-1 - *Matt Gerike, PhD, GISP* N/A
- Supporting the Transition from E9-1-1 to NG9-1-1 with GIS - *Lauren DiGiovanni, GISP* N/A

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- Clarifying the Boundaries of GIS and Survey Professional Practice - *Bruce Joffe, GISP; Ed Wells, GISP; Tim Burch, PLS; Ryan Hunsicker PLS, GISP* 420

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- The Power of Communicating Technical Work in a Way that Everyone Can Understand - *Janeale Dean* 442
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- Roller Coasters, Safety Nets, and Professional Networks - *Ryan E. Bowe, GISP, PMP* 651

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- Applications of GIS for Community Resilience across Geographies - *Sheila Steinberg; Steve Steinberg, GISP* 667

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- Open-Source Data: Using Infrastructure Datasets for Planning, Recovery and Resiliency - *Katharine Hewlings* 931
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- Advanced GIS Insights with 3D Mesh Layers - *Joe Oddi; Jim Michel* N/A
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- Developing Web-based Tools for the Collection and Evaluation of Wildlife Carcass Removal Data - *Michelle Fults, GISP* 577

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- From the Office to Work from Home and Back to the Office - *Thomas P. Fisher, GISP, AICP* 694

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- Trends in State & Local Government: Keeping Pace with Technology & Policy Driven GIS - *Adam Carnow* N/A

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- Agricultural Mapping Using Machine Learning - *Heather Sauerland* 403

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- NEORS: Rockin' Stormwater in the CLE using GIS and Apps - *Leila Jackson, GISP* 530
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- Sprinting to the Finish - *Matt Gerike, PhD, GISP* 567
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- Importance of Art in Map-Making - *Heather Studley, GISP* 410
- Winds of Change: How Spatial Data Informs New Energy Development near Wildlife - *Bradley Dawson* 354
- Addressing for Everyone: Making the Complex Approachable - *Lauren DiGiovanni, GISP* 540
- Tying SharePoint to Your GIS – Innovate SharePoint Widget for Experience Builder - *Frank Roberts*

Thursday, October 6

Career Trajectories

- Crafting the Impactful Resume - *Susan Kamei; Chris Akin, GISP; John Nolte, GISP; Jordan Carmona, GISP* N/A

Asset Mapping & Management

- Timber Sale Process from Planning through Completion - *Robin Dunn* N/A
- Integration of Tax Ditch Drainage System Data into the Delaware Enterprise GIS - *Brittany Haywood* N/A

GIS for Property Valuation and Asset Management

- GIS for Analyzing & Preventing Property Undervaluation in Guyana, India & USA - *Mark Leipnik, Ph.D.; Sanjay Mehta, PhD* 839
- Asset Management Dashboards for Efficiency and Transparency - *Kara Utter, MSES, BS* N/A
- How GIS based Asset Management and Rate Setting Helps Local Governments - *Arnab Bhowmick* N/A

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- 5 Ways Public Works Agencies are Leading Smart Communities - *Adam Carnow* 801

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- Evolution of the JHU US Map COVID-19 Dashboard - *Adam Lee* 823
- URISA and NSGIC Working Together - *Glenn O'Grady, GISP; Cy Smith, GISP* 829

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- A National Framework for High Quality, High Resolution Land Cover - *Sory Toure* 855
- From 2D Base Maps to Digital Twins - *Srini Dharmapuri, GISP; Scott Faust* 873

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