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Emergency Response & NG911

Lights, Camera, NG9-1-1! NG9-1-1 and GIS Call Flow Skit - *Diana Gijselaers, NGCS, Airbus DS Communications* - **Presentation** 1

Spatial Relationships Breaking Down the GIS Requirements for NG9-1-1 - *Sandi Stroud,, Michael Baker International* - **Presentation** 11

2017 ESIG Award Exemplary System, Single Process System Category: GIS in the Emergency Operations Center (EOC) 26 *Langdon Sanders, City of Sandy Springs Public Works* - **Presentation**

The Joy of Addressing: A Local Government Perspective - Albert Romanowski, & Robert Drow, GISP, Orange County Government - Presentation 50

Implementing a Multi-Jurisdiction Master Address Repository - Colleen Sharpe, GISP, Spatial Focus, LLC & Wayne Brewer, City of Raleigh - 66

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GIS and NextGen 9-1-1 Who Knows What When and How N/A John Peabody, Collier County Sheriff's Department Melissa Liebert, Wahkiakum County Diana Gijselaers, Airbus DS Communications

Trey Forgety, National Emergency Number Association

Overcoming GIS Challenges of Transitioning to Next Generation 9-1-1 - Dave Peck, & Peter White, West Safety Services - Presentation 74
Tomorrow's 911, Today: Washington State's Journey to NG911 - Melissa Liebert, Wahkiakum County - Presentation 85

Preparing for NextGen911 - A Regional Approach - Wendy Peloquin, GISP, GISinc.

GIS Hurricane Systems – The Response to "Irma" - Stephen Herczeg, GISP, City of Jacksonville, ITD/JaxGIS - Presentation 96

Surviving Hurricane Matthew's impact is one thing... responding to an emergency event using a GIS-Centric Platform and high-speed asset management decision making is another - *Rocky Agbunag, MSCIS, GISP, St. Johns County* - **Presentation**

Using Oblique Imagery for Hurricane Damage Assessment - Carl Decator, EagleView & Fred Morawietz, Volusia County - Presentation 112

Damage Assessment and the GIS Connection N/A

John Cox, The Schneider Corp/qPublic

Emerging and Effective Technologies

Zika: Location Technology to Reduce Your Risk - Wendy Peloquin, GISP, GISInc

Engaging the Public to Fight Zika - Wansoo Im, Ph.D., Meharry Medical College - Presentation 130

Community Mapping Public Health Hackathon: Lessons Learned - Wansoo Im, Ph.D., Meharry Medical College - Presentation 154

USACE Modeling, Mapping and Consequences Production Center Inundation Mapping - Randal Goss & Taylor Johnson, GISP, Jacksonville District, U.S. Army Corps of Engineers- Presentation 172

Deployment of GIS for Flood Response at the City of Baton Rouge - *Justin Priola, GISP, City of Baton Rouge-Parish of East Baton Rouge -* 201

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Dollars and (Common) Sense: The Path to Mitigating Natural Hazard Risk - Kevin Mickey, GISP, CTT+, The Polis Center-IUPUI - Presentation N/A
Web-Access Facility Mapping and Management for the University of Georgia - Helen Peng, GISP, GIS Analyst, University of Georgia - Presentation 217
Using 3D-GIS Based Parametric Modeling to Understand the Future Growth of Cities - Leilei Duan, University of Florida - Presentation 228
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University of Southern California - Presentation

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Leveraging GIS towards a Better Picture of Human Trafficking in Kentucky - Chris Alldredge, GISP, Louisville & Jefferson County Information N/A Consortium

LiDAR: Practical Use for a Powerful Product - Joseph Merritt, Clinton County Ohio GIS Department - Presentation 284

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2017 ESIG Award Exemplary System, Enterprise System Category: <u>Integration & Innovation at Racine County: Building a GIS that Opens</u>

<u>Doors for the Enterprise and Beyond</u> –*Tyson Fettes, Racine County* - <u>Presentation</u>

ArcGIS Online Adventures: One County's Story - Amy Hunter, GISP & Robert Drow, GISP, Orange County Government - Presentation

Next Generation Property Search using AGOL - http://ocpagis.maps.arcgis.com/apps/MapJournal/index.html? N/A

appid=035db08f5d204a9c87f38aa0b5a541f1 - Natalie Harris, Bruce Harris & Associates Inc

Which Field Data Collection App Should I Use? - Michael Gilbrook, PhD, GISP, AICP, HDR - Presentation 369

Out with the Old: Implementing a Modern County Enterprise GIS - Greg Galarneau, Pro-West & Associates N/A

What Does LUCA Mean to Your Community & How Can GIS Help? - Randal Krejcarek, PE, GISP, Spatial Focus, LLC - Presentation 382

Metro Spatial Patterns of Firm Locations as a Self-Organizing System over Time - Mark Salling, PhD, GISP, Cleveland State University N/A

Automation of GIS Data Integration at Region of Niagara - Lesley MacKenzie, Consortech Solutions - Presentation 396

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Getting Started with the GISCMM, Local Government Experiences with GIS Program Assessment and Improvement - Bryan Townsend, GISP, York 485 County - Presentation

GIS Capability Maturity Modeling at State DOTs - Allen Ibaugh, AICP, GISP, Data Transfer Solutions - Presentation 496

Lessons Learned in GIS Strategic Planning - Ashley Hitt, GISP, Connected Nation - Presentation 851

Strategic Planning, Team Building, and Change Management in a Global AEC Co. - John Hurd, GISP, CH2M - Presentation 546

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GIS and HR Partnering for Success - Louis Schoolkate, GISP, Orange County Government - Presentation 577

Communicating Effectively with your Geospatial Research Team - Allison Bailey, Ed.D., University of North Georgia - Presentation 588

GIS Team Building & Staff Retention - Ashley Hitt, GISP, Connected Nation & Melisa Caric Lee, GISP, Compass Rose GIS - Presentation 595

The Practice of Geospatial Leadership - Presentation 601

John Wilson, Ph.D., Professor and Director, Spatial Sciences Institute, University of Southern California

Advocating for the Profession - Presentation 612

Brent Jones, Global Manager, Land Records/Cadastre, Esri

Tripp Corbin, GISP, CFM, MCP, CIT+, President, eGIS Associates, Inc.

Kim McDonough, GISP, GIS Coordinator, Tennessee Department of Transportation

Gary Kent, Integrated Services Director, The Schneider Corporation

Glenn O'Grady, Chair, URISA Policy Advisory Committee/URISA Rep to the Coalition of Geospatial Organizations/URISA Past President

GISP Exam Fundamentals

To Certify or Not to Certify: Level of Acceptance by the Industry - *Tripp Corbin, GISP, CFM, MCP, CIT+, eGIS Associates, Inc.* - **Presentation** 617
The Development and Future of the GISCI Core Technical Knowledge Exam® - *Rebecca, Somers, GISP, Somers-St.Claire GIS Management 627 Consultant* - **Presentation**

GISP: The Road To and Through an Exam - Bill Hodge, GISP, GIS Certification Institute - Presentation 645

The GISP Application: Planning, Documenting, and Demonstrating Your Experience and Skills - Presentation 663

Tripp Corbin, GISP, eGIS Associates

Kevin Mickey, GISP, CTT +, The Polis Center-IUPUI

Keri Brennan, GISP, Michael Baker International

Lynda Wayne, GISP ASLA, Principal, GeoMaxim, Inc.

Conceptual Foundations - Gary Kent, The Schneider Corporation - Presentation 683

Cartography & Visualization - Xan Fredericks, GISP, US Geological Survey - Presentation 69:

GIS Analytical Methods - Dr. Jochen Albrecht, City University of New York - Presentation 700

Data Manipulation - Carl Anderson, GISP, New Light Technologies - Presentation 708

Geospatial Data - Al Karlin, GISP, Southwest Florida Water Management District - Presentation 715

GIS Ethics and Growing the Profession - David DiBiase, GISP, CMS, Esri

GISP: Practice Makes Perfect - Bill Hodge, GISP, GIS Certification Institute

Transportation & Asset Management

Implementing a GIS-based Utility Network: The Journey - *Chris Friel, GISP, Avineon, Inc.* - **Presentation** 723

GIS Asset Management: Ronald Wastewater District & the City of Shoreline - *Clayton Putnam, Ronald Wastewater District* - **Presentation** 731

It is your asset management data... put it to use to justify your organization's needs - *Rocky Agbunag, MSCIS, GISP, St. Johns County* - **Presentation** 744

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Intelligent Transportation Systems Using GIS - Hersh Singh & Brad Thompson, Regional Transportation Authority - Presentation 778

Juxtaposition of T.NC. Performance Data Relative to Classic Paratransit - Zev Naiditch, Transportation America - Presentation 960

Increasing Child Safety with GIS - Dean Salmons, GISPOrange County Government - Presentation 787

Sidewalk Analysis for ADA Compliance - Douglas Adams, GISP, Baltimore County Department of Public Works - Presentation 798

Young Professionals Inspiring the Future of GIS

Mentorship: The Low-Down and the Meet-Up N/A

Christina Boggs-Chavira, Engineering Geologist, California Department of Water Resources

Melisa Caric Lee, President, Compass Rose GIS, and President-Elect, SoCal URISA

Kara Utter, Vanguard Cabinet

Mapping Geohazards in the Churia Region of Nepal: An Application of Remote Sensing and Geographic Information Systems to Quantify Change 814 - Terri Bannister, University of Louisiana at Lafayette - Presentation

Advanced Geospatial Application for Groundwater Conservation Mapping - Ni Made Pertiwi Jaya, Yamaguchi University - Japan - Presentation 873

 $Finding\ Downhill\ Skate\ Spots\ in\ Florida\ -\emph{Joshua}\ Sheldon,\ University\ of\ Central\ Arkansas$

Roundtable Discussion between Young Professionals and Veteran GIS'ers N/A

Kara Utter, MSES, Dynamic Vision Mapping Services

Alyssa Randall, Planning Communities

Rui Pires, Spartanburg County

Growing Importance of Soft Skills (GISS) - Billy Moore, GISP, Shelby Energy Cooperative - Presentation 820

With a Little Help From Our Friends: Real Life Mentoring through URISA Resources - Ryan Bowe, GISP & Mike Zoltek, LS, CP, CFedS, GISP, 825 Woolpert - Presentation

Jumpstart Your Personal Branding - Susan Kamei, University of Southern California, Spatial Sciences Institute - Presentation 841

Thinking About Graduate School? N/A

Wendy Peloquin, GISP, GISInc.

Eric S. Money, Ph.D., North Carolina State University

Daniel Behnke, GISP, Data Transfer Solutions

Amber Bloechle, MS, GISP, University of West Florida GIS

GIS-Pro 2017 Quick Hits

Mystery Deck - Presentation 879

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Geographic Distribution of the Great Pacific Tree Octopus: Puget Sound & Beyond - Clayton Putnam, Ronald Wastewater District Best - 910

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Practices for Publishing Map Services - Anna Verrill, GISP, The Baldwin Group, Inc. - Presentation 919

A Soft Approach to Soft Skills - Kendrick Watson, USC Spatial Sciences Institute - Presentation 929

URISA Vanguard Cabinet: Making a Mark! - Alyssa Randall, Planning Communities - Presentation 931

GIS Strategic Planning - Why Do One? - Randal Krejcarek, PE, GISP, Spatial Focus, LLC - Presentation 938

Women in GIS - Christina Boggs-Chavira, California Department of Water Resources - Presentation 950