

NCAUG 2021 Virtual Fall Conference Agenda

GIS On A Roll

August 30- Sept 2, 2021

Monday August 30 th	
8:00am to 12:00pm	Pre-Conference Workshop 1: Grasping the Power of Python Skip Daniels, City of Greensboro
1:00pm to 5:00pm	Pre-Conference Workshop 2: Preparing for Change <i>Christopher Vokaty, Esri (Limit 40 people)</i>
1:00pm to 5:00pm	Pre-Conference Workshop 3: Working with Esri's New Damage Assessment Solution (v2.0) <i>Tiffany Puett, Highland Mapping</i>

Tuesday August 31 st	
1:00pm to 1:30pm	Plenary Session – Moderator Joseph Sloop, NCAUG president Welcome from NCAUG, Business Meeting & Town Hall
1:30pm to 2:30pm	ArcGIS, GeoAI: AI meets Location Intelligence <i>Omar Maher, Esri</i>
2:30pm to 3:15pm	Sponsor Parade: Civic FCU, Quantum Spatial, Aurora Engineers, GeoTG, GISInc, Surdex, ROK Tech, Highland Mapping, Stewart, Newland Geo, Colliers Engineering, GeoDecisions/GF Net, GeoOwl, WithersRavenel, ESP Assoc, Esri, AECOM, GPI, Blue Marble, McKim & Creed, Safe Software, Surveying & Mapping (SAM), UNCW, Duncan Parnell, Atlas Geographic, Eagleview
3:15pm to 3:30pm	Break
3:30pm to 4:45pm	Keynote Address: Frying Pan Tower, The Restoration <i>Richard Neal, Executive Director, Frying Pan Tower Inc</i>
4:45pm to 5:00pm	Conference Information & Day 1 Wrap-up, Door Prizes, and Party info
5:00pm to 6:00pm	Dinner break
VIRTUAL SPONSOR PARTY Get to know our sponsors and win prizes!	
6:00pm to 7:00pm	Tour the virtual conference hall and join a breakout room for trivia & games

Wednesday September 1st

Breakout Sessions

1:00pm to 1:30pm	We're not finished - Flood maps, the impact of ongoing collection of high resolution lidar, and the public understanding of what that all means. <i>Hope Morgan, AECOM</i>	Leveraging GIS in Strategic Buyout Planning <i>Elena Studier, NCORR</i>	5 Forces, 5 Trends, and 5 Skills Critical to GIS and Remote Sensing in the 2020s <i>Joseph Kerski, Esri</i>
1:30pm to 1:45pm	Break		
1:45pm to 2:15pm	Detecting Erosion Vulnerability in HUC 12 Watersheds <i>Jonathan Byham, GPI Geospatial</i>	Navigating the Leap to Parcel Fabric <i>Kristin Dillard, GeoDecisions</i>	A Geospatial Strategy for Modernizing Emergency Management Operations <i>Brian Weiss, Esri</i>
2:15 to 2:30pm	Break		
2:30pm to 3:00pm	Geospatial Analysis to Estimate Streamflow in Ungauged Streams for Potential Micro-Hydroelectric Power <i>Ben Capell, Appalachian State University</i>	ArcGIS Online Solutions for County Reappraisal <i>Lucian Stewart & Nick Haffele, Chatham County NC</i>	
3:00pm to 3:15pm	Break		ArcGIS Solutions for Local and State Government: An Overview <i>Scott Oppmann, Esri</i>
3:15pm to 3:45pm	Mapping on the Fly: Integrating GIS with Low-Cost Sensors to Provide Continuous Real-Time Flood Inundation and Impact Analysis <i>Neal Banerjee, ESP Associates & James Scanlon, Mecklenburg County</i>	Change Detection using Point Cloud Data <i>Amanda Lind, Blue Marble Geographics</i>	
3:45pm to 4:00pm	Break		
4:00pm to 4:30pm	Species Habitat Models: Can we do better than Species County Range Maps? <i>Jessica Tisdale, HDR, Inc</i>	The Hidden Value of Remote Sensing <i>Eric Cole, Woolpert</i>	ArcGIS Solutions for Local and State Government: An Overview <i>Scott Oppmann, Esri</i>
4:30pm to 4:45pm	Break		
4:45pm to 5:15pm	Mapping coastal wetlands: A field work design that compliments drone lidar data processing <i>Joanne Halls, UNCW</i>	NC Statewide Orthoimagery Program, Color Infrared, and Next Steps <i>Ben Shelton, NC CGIA</i>	
5:15pm to 5:30pm	Day 2 Wrap-up & Door Prizes		
5:30pm to 6:30pm	Dinner break		
6:30pm to 7:30pm	Special Interest Groups Meetups: Women in GIS, GIS Leadership, GIS Early Career, Enterprise, & Natural Resources/Environmental		

Thursday September 2nd

Breakout Sessions

8:30am to 9:00am	Traffic Noise & Construction Noise/Vibration Dashboards: Real-time Monitoring and Visualization <i>Caroline Suffern, Gannett Fleming, Inc.</i>	The Art of Strategically Planning GIS Solutions <i>David Holdstock, Geographic Technologies Group</i>	Panel Discussion: Local Governments Form the Backbone of Statewide GIS Projects <i>Local Government Committee (LGC) subcommittee of the N.C. Geographic Information Coordinating Council (GICC)</i>
9:00am to 9:15am	Break		
9:15am to 9:45am	Constructing the 2021 North Carolina Political Areas Dataset <i>Allen Coats, NCEM - Risk Management</i>	Driving Digital Transformation with Enterprise Integration <i>Christian Berger & Sienna Emery, Safe Software Inc.</i>	
9:45am to 10:00am	Break		
10:00am to 10:30am	2020 Census Data and Geographic Products <i>Bob Coats, NC Office of State Budget and Management</i>	Cooking with Attribute Rules: Utilizing Esri's Data-Sous Chef <i>Jordan Carmona, Town of Prosper Tx</i>	Hands-on Workshop: Intro to PostgreSQL <i>Chaula Jain, Mecklenburg County</i> <i>(Join with a laptop where you can install Postgres and work)</i>
10:30am to 10:45am	Break		
10:45am to 11:15am	NC NG911 GIS Data - What do I do now? <i>Matthew McLamb, State of NC</i>	Educational Public Outreach through Storymaps <i>Amanda Paton, Colliers Engineering & Design</i>	
11:15am to 11:30am	Break		
11:30am to 12:00pm	ArcGIS Implementation for Public and Operational Consumption <i>Thomas Tiner, Arora Engineers, Inc.</i>	No Code Analysis Options for Web AppBuilder: My Journey to Utilizing the Geoprocessing Widget <i>Jeff Webb, City of Wilson</i>	Considerations for Moving to the Next Generation of Esri GIS Software <i>Kent Rothrock, Highland Mapping</i>
12:00pm to 12:15pm	Break		
12:15pm to 12:45pm	ArcGIS QuickCapture - Tips & Tricks <i>Jamey Gray, Stewart</i>	Leveraging GIS for Community Collaboration <i>William Moore, Map Forsyth</i>	A Single, Scalable Platform for ALL Your GIS Data <i>Eric Abrams, GeoDecisions</i>
12:45pm to 1:00pm	Day 3 Wrap-up & Door Prizes		