NCAUG 2021 Virtual Fall Conference Agenda
GIS On A Roll
August 30- Sept 2, 2021

Monday August 30th	
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** *Christopher Vokaty, Esri (Limit 40 people)*
1:00pm to 4:00pm	**Pre-Conference Workshop 3: Working with Esri's New Damage Assessment Solution (v2.0)** *Tiffany Puett, Highland Mapping*

Tuesday August 31st	
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** *Omar Maher, Esri*
2:30pm to 3:15pm	**Sponsor Parade:** Civic FCU, Quantum Spatial, Aurora Engineers, GeoTG, GIS Inc, Surdex, ROK Tech, Highland Mapping, Stewart, Newland Geo, Colliers Engineering, GeoDecisions, GeoOwl, WithersRavenel, ESP Assoc, Esri, AECOM, GPI, Blue Marble, GF Net, McKim & Creed, Safe Software, Surveying & Mapping (SAM), UNCW, Duncan-Parnell
3:15pm to 3:30pm	**Break**
3:30pm to 4:45pm	**Keynote Address: Frying Pan Tower, The Restoration** *Richard Neal, Executive Director, Frying Pan Tower Inc*
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

Time			
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.** *Hope Morgan, AECOM*	**Leveraging GIS in Strategic Buyout Planning** *Elena Studier, NCORR*	**5 Forces, 5 Trends, and 5 Skills Critical to GIS and Remote Sensing in the 2020s** *Joseph Kerski, Esri*
1:30pm to 1:45pm	*Break*		
1:45pm to 2:15pm	**Detecting Erosion Vulnerability in HUC 12 Watersheds** *Jonathan Byham, GPI Geospatial*	**Navigating the Leap to Parcel Fabric** *Kristin Dillard, GeoDecisions*	
2:15 to 2:30pm	*Break*		
2:30pm to 3:00pm	**Geospatial Analysis to Estimate Streamflow in Ungauged Streams for Potential Micro-Hydroelectric Power** *Ben Capell, Appalachian State University*	**ArcGIS Online Solutions for County Reappraisal** *Lucian Stewart & Nick Haffele, Chatham County NC*	**A Geospatial Strategy for Modernizing Emergency Management Operations** *Brian Weiss, Esri*
3:00pm to 3:15pm	*Break*		
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** *Neal Banerjee, ESP Associates & James Scanlon, Mecklenburg County*	**Change Detection using Point Cloud Data** *Amanda Lind, Blue Marble Geographics*	
3:45pm to 4:00pm	*Break*		
4:00pm to 4:30pm	**Species Habitat Models: Can we do better than Species County Range Maps?** *Jessica Tisdale, HDR, Inc*	**The Hidden Value of Remote Sensing** *Eric Cole, Woolpert*	**ArcGIS Solutions for Local and State Government: An Overview** *Scott Oppmann, Esri*
4:30pm to 4:45pm	*Break*		
4:45pm to 5:15pm	**Mapping coastal wetlands: A field work design that compliments drone lidar data processing** *Joanne Halls, UNCW*	**NC Statewide Orthoimagery Program, Color Infrared, and Next Steps** *Ben Shelton, NC CGIA*	
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

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