

First name	Last name	Email	Presenter Short Bio
Neal	Banerjee	<a href="mailto:nbanerjee@espassociates.com">nbanerjee@espassociates.com</a>	Neal Banerjee is a Department Manager for ESP with over 25 years experience in engineering and GIS which includes data capture, processing, and automation. Neal holds a MS in Civil Engineering from the UNC-Charlotte, and BS in Civil Engineering and Anthropology from the University of Illinois.
Michael	Blair	<a href="mailto:mblair@innovateteam.com">mblair@innovateteam.com</a>	Michael Blair is a manager in the IT / GIS Division of Innovate Inc., headquartered in Washington D.C. with remote staff throughout the United States, where he serves as a digital strategist and geospatial developer. Michael brings over 30 years of IT and geospatial expertise to this role where he supports the full stack enterprise deployment and implementation of geospatial solutions, whether it be in system, network and server architecture, geospatial enterprise software deployment, database management, application development, geospatial data analytics and training.
Daphne	Brown	<a href="mailto:daphne.brown@duncan-parnell.com">daphne.brown@duncan-parnell.com</a>	Daphne Brown is a Geospatial Training and Support Specialist at Duncan-Parnell. Daphne provides training and technical support to clients utilizing GNSS Receivers and GIS software. She focuses on Trimble Unity Remote Monitoring and Work Management.
Tripp	Corbin	<a href="mailto:tcorbin@sam.biz">tcorbin@sam.biz</a>	Tripp Corbin is the GIS and Aerial Business Development Manager for Survey and Mapping LLC. also known as SAM. With over 28 years of Surveying, Mapping and GIS experience, Mr. Corbin is recognized as an industry expert with a variety of geospatial solutions including Esri, Autodesk and Trimble products. During his career, he has assisted various organizations use and implement GIS throughout the US and Canada. This has included local governments, non-profits, educational institutions, utilities and private companies. He holds multiple GIS and IT certifications including Microsoft Certified Professional (MCP), GIS Certified Professional (GISP), CompTIA Certified Technical Trainer (CTT+), Esri Certified ArcGIS Desktop Professional and Esri Enterprise System Design Associate. In addition, Tripp has written three books on Esri's latest desktop GIS application ArcGIS Pro, Learning ArcGIS Pro, Learning ArcGIS Pro 2 and ArcGIS Pro 2.x Cookbook. He is also very active in the GIS community as a Past President of URISA and member of xyHt Geospatial Magazine Editorial Board.

Elijah	Dalton	<a href="mailto:egd1323@uncw.edu">egd1323@uncw.edu</a>	Elijah is a Master of Science student at the University of North Carolina Wilmington (UNCW) studying Geoscience with a thesis track in geospatial technologies. He completed his undergrad at the UNCW in May 2022 with a BS in Environmental Science and a BA in Geography with GEOINT certification. This past summer, Elijah completed an internship with NASA's DEVELOP National Program on their Matto Grosso Agricultural project where he worked with a team to improve crop classification mapping using Optical and Radar satellite sensors to enhance agricultural management. Elijah is interested in using remote sensing technology for environmental analysis and in his free time he enjoys camping, kayaking, and
Skip	Daniels	<a href="mailto:Anthony.Daniels@greensboro-nc.gov">Anthony.Daniels@greensboro-nc.gov</a>	Skip works for the City of Greensboro, NC in the IT dept. GIS division Skip is a graduate of Western Carolina University with a BSBA in Computer Information Systems and a BS in Emergency Medical Care. He has been working with GIS as a developer since 2006 and been developing with Python since 2008. Skip's job title for the City of Greensboro is "GIS Web Developer" but most of his work consists of administrating the city's ArcGIS Enterprise, internally and externality, data ETL with the city's systems and 3rd party systems and vendors, and major GIS projects. Skip fortunate to be working with a great and supportive GIS team in the City of Greensboro, NC. When Skip finds the time, he works with the BSA, designing and
Peter	Erlenbach	<a href="mailto:perlenbach@esri.com">perlenbach@esri.com</a>	Peter Erlenbach is a Solution Engineer at Esri and joined the NCAUG Board in 2020. Peter holds a Master's in Geographic Information Science from North Carolina State University. Prior to his graduate career, Peter graduated from Virginia Tech with a focus in Geography and dual minors in GIS and Geology. Peter has 9 professional years of experience in GIS where he primarily focuses on helping State and Local Governments realize the power of GIS. Within the realm of GIS, Peter enjoys python scripting, web & mobile GIS, and field mobility workflows. When he is away from his desk, you can find Peter jogging, hiking, and enjoying the outdoors.
Richard	Fogelman	<a href="mailto:Richard.Fogleman@aecom.com">Richard.Fogleman@aecom.com</a>	Richard Fogleman, GISP, CFM, AECOM is a Technical Director at AECOM and brings more than 24 years of experience with FEMA floodplain mapping projects, the North Carolina Floodplain Mapping Program, and focused experience in GIS administration and workflow development. He holds a BA in Geography from the University of North Carolina at Greensboro.

Jay	Fowler	<a href="mailto:jfowler@esri.com">jfowler@esri.com</a>	Jay Fowler is a Solution Engineer team lead at Esri specializing in local government. He is located in Charlotte, North Carolina and connects with GIS users across the Southeast. Jay attended the University of South Carolina receiving a Bachelors in Media Arts and a Master of Science in Geography.
Matt	Franklin	<a href="mailto:matt.franklin@timmons.com">matt.franklin@timmons.com</a>	Matthew Franklin is a Geospatial Transportation Specialist who works with state and local government departments of transportation in both Data Analysis and Linear Referencing System (LRS) capacities. He uses his knowledge of GIS data governance, workflows, and quality standards to develop robust data models, configure applications, and provide technical analyses to clients in easily understood formats. Matt holds a Bachelor's degree in Geography from the University of Richmond.
Jamey	Gray	<a href="mailto:jgray@gpinet.com">jgray@gpinet.com</a>	Mr. Gray is a PLS with over 17 years of diverse surveying experience. Jamey's current focus area involves GIS applications, municipal infrastructure inventory, geodetic control surveys, and UAS operations. He is a licensed surveyor in NC, SC, & TN , a GISP, and FAA remote pilot. Jamey joined GPI Geospatial as a senior geospatial manager in October 2021.
William	Hague	<a href="mailto:William.Hague@aecom.com">William.Hague@aecom.com</a>	William Hague, GISP, CFM, AECOM is a GIS Specialist with over 11 years of experience with AECOM specializing in GIS applications including database development and programming for NCEM and FEMA products. He has a BS in Geography from Appalachian State University and an MGIST from NC State University.
Joanne	Halls	<a href="mailto:hallsj@uncw.edu">hallsj@uncw.edu</a>	Dr. Halls is a Professor of Geography in the Dept. of Earth & Ocean Sciences at UNC Wilmington studying spatial patterns in barrier islands, tidal creeks, land use, wildlife movement, and recently human health versus environmental condition.

Daisy	Iyangbe	<a href="mailto:miyangbe@eagles.nccu.edu">miyangbe@eagles.nccu.edu</a>	Majemite Daisy Iyangbe, is a current graduate student and teaching assistant on Nanotechnology at NC Central University Durham. She has a master's degree in Hydrobiology and Fisheries and a bachelor's degree in Zoology from Delta State University, Abraka Nigeria. Daisy is married with 2 kids and hails from Nigeria. She has worked with the Fisheries Department of the Ministry of Agriculture and Natural Resources as a Senior Statistical officer for over 12 years. She developed interest in GIS when she listened to a student talk passionately about this tool at a conference in Africa. She intends to pursue a Doctorate Degree in Environmental and Geospatial sciences, to gain a wealth of knowledge in this great field of science. She advocates for GIS to become a core subject in middle and high schools because that will give teenagers an opportunity to develop early interest in data, statistics, and programming. She loves watching movies and playing volleyball.
Chaula	Jain	<a href="mailto:chaula.jain@mecklenburgcountync.gov">chaula.jain@mecklenburgcountync.gov</a>	Chaula Jain has been working as a GIS DBA for the last 17 years and has experience managing both SQL server and Postgres database servers. She is a Database Architect (GIS DBA role) for Mecklenburg County GIS. She completed her Master of Science from the University of Florida where her thesis work was a GIS application to help preserve the historic districts of St. Augustine. She has presented at several conferences on various GIS topics. She is also an Adjunct Faculty at the University of North Carolina at Charlotte. During her spare time, she loves to read, travel and listen/sing classical music. She also runs a non-profit organization to promote Indian Classical music in Charlotte.
John	Lay	<a href="mailto:john.lay@ncdps.gov">john.lay@ncdps.gov</a>	John Lay has been a GIS Analyst with the North Carolina Office of Risk Mapping for 14 years. His projects include the Integrated Risk Program, Spatial Data Download, and the new statewide QL1/QL2 LiDAR collection. Before working for the state, he spent 9 years in the private sector as a photogrammetrist and GIS/LiDAR Specialist,
Frank	Marshall	<a href="mailto:fmarshall@coastalprotectioneng.com">fmarshall@coastalprotectioneng.com</a>	Frank Marshall is a coastal geologist at Coastal Protection Engineering in Wilmington, NC. He is a license drone operator and has experience with drone operations, GIS analysis, geotechnical analysis, and environmental monitoring.

David	Mathern	<a href="mailto:david.mathern@wginc.com">david.mathern@wginc.com</a>	David Mathern started working for the NCDOT Rail Division in 2017 as an intern while pursuing a Master's Degree in Geospatial Information Science and Technology at North Carolina State University. After graduating he was brought on as a consultant to support the Rail Division's GIS needs.
Timothy	Mulrooney	<a href="mailto:tmulroon@ncsu.edu">tmulroon@ncsu.edu</a>	Tim Mulrooney is an Associate Professor in the Department of Environmental, Earth and Geospatial Sciences at North Carolina Central University. The focus of his research is on data development standard in support of high-quality research and geostatistical analysis.
Kevin	Nichols	<a href="mailto:Kevin.Nichols@aecom.com">Kevin.Nichols@aecom.com</a>	Kevin Nichols is a GISP and CFM and is a GIS department lead for AECOM in Raleigh NC. He has over 22 years' experience in GIS, working on a variety of riverine/coastal mapping and risk assessment projects primarily for NCEM and across numerous FEMA Regions. He holds a BA in Geography from the University of North Carolina at Greensboro.
Wendy	Peloquin	<a href="mailto:wpeloquin@avineon.com">wpeloquin@avineon.com</a>	Wendy is a Business Development Manager at Avineon with over 14 years of experience in the geospatial industry. Wendy has a bachelor's degree in Geography and Certificate in GIS from the University of Georgia and a Masters Degree in GIS Administration from the University of West Florida. Wendy is an active member of URISA International and currently serves as an instructor for the GIS Leadership Academy (GLA).
Zach	Petersen	<a href="mailto:zachary.petersen@greensboro-nc.gov">zachary.petersen@greensboro-nc.gov</a>	Zach Petersen has almost two decades of experience in GIS. He has managed GIS projects for military, public and private agencies. He trained Assistant Engineers to use GIS / GPS / survey technology for deployment. He was the mapping lead for the US Air Force 2011 Wings Over Wayne Air Show where he designed and mapped the master layout of \$3.1B worth of aircraft, and assisted in the logistics for accommodating 300K people. Today he enjoys working for the City of Greensboro as their Water Resources GIS Utility Analyst. His current focus is facilitating the migration of a midsized utility GIS over to ESRI's new Utility Network data model for water, sewer and stormwater systems and exploring the new functionalities that a new model can provide. When he is not at his desk he enjoys orcharding, fishing, skiing, and being outdoors with his kids.

Yuri	Potawsky	<a href="mailto:ypotawsky@esri.com">ypotawsky@esri.com</a>	<p>Yuri Potawsky is a Solution Engineer at Esri who focuses on providing local governments the tools and support they need to successfully use GIS technology. After completing a master's degree in Geography at Appalachian State he moved to Washington, D.C. and worked as an Imagery/Lidar Scientist with the Department of Defense on a variety of critical projects. Upon moving back to North Carolina, he was hired by Esri into educational services where he provided technical support to users across multiple industries focusing on the ArcGIS platform, WebGIS, and GIS development through the ArcGIS web APIs. His interest lies in the ability of Raster and 3D data coupled with developer products to model real world landscapes in an increasingly realistic and representative manner.</p>
Narcisa	Pricope	<a href="mailto:pricopen@uncw.edu">pricopen@uncw.edu</a>	<p>Dr. Narcisa Pricope is a Professor of applied geography in the Department of Earth and Ocean Sciences at the University of North Carolina Wilmington. She is also the Program Director of UNCW's externally-accredited (through the United States Geospatial Intelligence Foundation) Geospatial Intelligence (GEOINT) Certificate. While at UNCW, Dr. Pricope was the first advocate for the inception of a drone program aimed at training students for a burgeoning industry and utilizing the emerging technology on various research applications. Since then, she offered one of the first graduate courses in aerial drone applications in geosciences in the UNC system and has garnered over half a million dollars in research funding that leverages the power of UAS and remote sensing technologies for a wide variety of applications. She received a PhD from the University of Florida in Geography and Environmental Engineering in 2011, a Master's of Science degree in Geoscience from Western Kentucky University in 2006 and a double Bachelors' degree in Geography and English from Romania's flagship research university, Babes-Bolyai Cluj-Napoca. To date, Dr. Pricope has published over 40 peer-reviewed articles on the various aspects of integrating earth observation, remote sensing and drone photogrammetry and spatio-temporal modeling to advance human-well being.</p>

Nancy	Ross	<a href="mailto:nancy.ross@mecknc.gov">nancy.ross@mecknc.gov</a>	Nancy is a Senior GIS Analyst with Mecklenburg County in GIS Mapping & Project Services. She has 35 years of GIS experience, all in local government. She's served on the board of NCAUG for 7 years. In her free time, she loves to read, hike, camp, explore & work out.
Kent	Rothrock	<a href="mailto:krothrock@avineon.com">krothrock@avineon.com</a>	Kent Rothrock is the Director of Managed Services for Avineon, Inc. With 25 years in GIS, he has a long record of helping clients implement solutions for their GIS challenges. Kent holds an MA Degree in Geography from Appalachian State University.
Morgan	Rowden	<a href="mailto:mrowden@stewartinc.com">mrowden@stewartinc.com</a>	As a cartographer and GIS Analyst, Morgan synthesizes data and designs spatially analyzed user experiences through the mediums of maps and apps. Morgan is outdoors whenever she has free time to fly fish, ride horses, or explore the North Carolina mountains with her fiancé and two dogs.
Reggie	Sanders	<a href="mailto:rsanders@florenceco.org">rsanders@florenceco.org</a>	Reggie Sanders has been with Florence county since 2003, starting off in the Tax Assessor office as a cadastral mapper. Once GIS mapping was implemented he was promoted to GIS technician. He moved into the GIS Department as a GIS Analyst in 2015, then later was promoted to GIS Data Administrator.

Ben	Shelton	<a href="mailto:ben.shelton@nc.gov">ben.shelton@nc.gov</a>	Ben is a GIS Project Manager for the North Carolina Center for Geographic Information and Analysis (CGIA). Ben has over 15 years of experience in the GIS industry working with local, state, and federal agencies. He has a Bachelor's Degree from Old Dominion University and a Master's in GIS from Penn State University. Currently, he is the Project Manager for the NC 911 Board Statewide Orthoimagery Program and leads the NC broadband mapping efforts in collaboration with the NC Broadband Infrastructure Office.
Garrett	Shields	<a href="mailto:garrett.shields@woodplc.com">garrett.shields@woodplc.com</a>	Mr. Shields serves as the Carolinas Geospatial Technologies Manager for the Water Resources, Permitting & Compliance Service Line for Wood, managing a team of GIS Analysts, Application Programmers and Database administrators and all associated geospatial projects within the Carolinas.
Greer	Shivers	<a href="mailto:greer.shivers@wilmingtonnc.gov">greer.shivers@wilmingtonnc.gov</a>	WMPO is the regional transportation planning agency for the lower Cape Fear region of North Carolina. WMPO facilitates a cooperative, comprehensive, and continuing transportation planning that serves as the basis for the expenditure of all federal transportation funds in the region.
Negrete	Silver		Negrete Silver has been with the city of Rocky Mount for 24 years. Currently working as an Engineering Tech II for water and sewer.
Darrin	Smith	<a href="mailto:darrin.smith@nc.gov">darrin.smith@nc.gov</a>	Darrin Smith is the GIS Project Manager for the AddressNC Program administered by the Center for Geographic Information and Analysis (CGIA) within the N.C. Department of Information Technology. He has over 29 years of experience that includes 13 years as an information technology project manager in the private and public sector including eight years as the Manager for the NC Orthoimagery Program.



Meredith	Stull	<a href="mailto:mstull@dconc.gov">mstull@dconc.gov</a>	Meredith is the GIS Analyst at the Durham County Stormwater Division. She holds a Master's of Geospatial Information Science & Technology degree from NC State University. Meredith has experience in private consulting, academic research, education, and local government.
Christopher	Susi	<a href="mailto:chris.susi@greensboro-nc.gov">chris.susi@greensboro-nc.gov</a>	Chris has over 20 years of Fire/Rescue experience that spans both career and volunteer organizations. Currently, Chris serves as an Assistant Chief within the Planning and Accountability of the Greensboro Fire Department. Additionally, he serves as a Task Force Leader for the Greensboro Fire Departments US&R and Swiftwater Rescue Teams. Chris has been working with North Carolina Emergency Management and The National Alliance for Public Safety GIS (NAPSG) for the last 6 years to develop the Search and Rescue GIS tools being used across the state.
Amanda	TerBeek	<a href="mailto:a.p.terbeek@gmail.com">a.p.terbeek@gmail.com</a>	Amanda TerBeek is a GIS Analyst at ESP Associates in Raleigh, NC. Her specialties include floodplain mapping, flood risk analysis, and database management. Amanda has 5 years of GIS experience and graduated from NC State University with degrees in Marine Sciences and Geology.
Thomas	Tiner	<a href="mailto:ttiner@aroraengineers.com">ttiner@aroraengineers.com</a>	Mr. Tiner is a Senior Project Manager and Geospatial Practice Director for Arora Engineers, Inc. Tom has over 30 years of professional experience in the government sector working with Transportation, Public Works, and Utility industries. Tom is a photogrammetrist and a GISP that specializes large-scale asset inventories (pavement and other transportation assets), including the design and development of enterprise-level asset management systems that leverage web and mobile technologies. Over the past few years, Tom has been the principal investigator on several Geospatial Strategic Planning studies. Documenting finding and

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Sallie	Vaughn	<a href="mailto:svaughn@personcountync.gov">svaughn@personcountync.gov</a>	Sallie Vaughn has been the GIS Manager/Director for Person County since 2015 and has previously worked in the public and private sector. She holds a Bachelor's in Anthropology and a Master's in Geography, both from East Carolina University. Her interests involve hiking and playing the euphonium.
Keith	Watkins	<a href="mailto:keith.watkins@greensboro-nc.gov">keith.watkins@greensboro-nc.gov</a>	Keith Watkins is the EAM and GIS Enterprise Administrator for the City of Greensboro in North Carolina, where his main goal is to improve the city's services through data analysis and innovation.
Melissa	Wright Battle	<a href="mailto:melissa.wright@rockymountnc.gov">melissa.wright@rockymountnc.gov</a>	Melissa Wright Battle has been with the city of Rocky Mount for 19 years as a GIS Technician for Public Works and Water Resources.
Jay	Young	<a href="mailto:jyoung@roktech.net">jyoung@roktech.net</a>	Senior Account Executive Jay Young, joined ROK Technologies early 2020. His role is to be the first point of contact for organizations evaluating a GIS cloud migration, assisting them through the complex assessment, and being the liaison between the customer and ROK's GIS and cloud experts.