

2024 AAG Annual Meeting, Hawai'i
University of Florida Department of Geography

Updated 4/10/2024

April 16

Dr. Joann Mossa	7:20 AM	Insights from Pit Avulsions in Rivers with Floodplain Mining
Christopher Williams	9:00 AM	Demonstrating Decision Arc Model Robustness Using Tornado Case Studies
Dr. Jason Blackburn	10:40 AM	Integrating phylogenies, diversity indices, and ecological niche models to examine Bacillus anthracis evolution, diffusion, and establishment across spatial scales
Neha Kohli	3:00 PM	Navigating wait times, absences, and anxieties: embodied research in island territories

April 17

Morgan Metrailer	9:00 AM	Investigating Spatial Patterns and Environmental Covariates of Melioidosis Sero-Prevalence in Lai Chau, Vietnam
Jessica Striley	10:40 AM	Fine-scale land cover analysis of Luwire Wildlife Conservancy in Niassa Special Reserve, Mozambique for community-based conservation applications
Mashoukur Rahaman	1:20 PM	Examining Machine and Deep Learning Techniques to Predict Almond Crop Locations in Central Valley California Using Remote Sensing Technologies
Torit Chakraborty	1:20 PM	From Grapes to Pixels : Advanced Deep Learning Techniques in Stellenbosch Vineyard Management
Dr. Jane Southworth	1:20 PM	Redefining Boundaries: Geography's Role in Tomorrow's Challenges
Lacey Harris-Coble	3:00 PM	The geography of agricultural trade in West Africa: A network approach

April 18

Audrey Smith	7:20 AM	Social-Ecological and Environmental Impacts of Rapid Urban Expansion in Addis Ababa, Ethiopia
Dr. Sadie Ryan	7:20 AM	Mapping geographic and demographic shifts in container breeding mosquito-borne disease transmission suitability in Central and South America in a warming world
Anusha Chaudhary	10:40 AM	The Changing Landscape of Dengue: A Spatiotemporal Examination in Ecuador
Natalia Dambe	10:40 AM	Do climate extremes like drought influence wind power development in the United States?

Airin Akter	10:40 AM	Comparing the Spatial Patterns of Rainfall and Atmospheric Moisture for Three Major Tropical Cyclones: A Case Study of Bangladesh
Erin Mariotti	10:40 AM	Transforming Abandoned Mines into Solar Farms: A Pathway to Renewable Energy Development and Sustainable Land Use
Dr. Johanna Engstrom	10:40 AM	Organizer for "Renewable Energy Development" session
Debjani Das	1:20 PM	Analysis of large-scale brand networks based on Consumers' spatial shopping behavior
Dr. Jane Southworth	1:20 PM	Chair for "GIS Certification - Get a certificate program started at your institution"
Dr. Jane Southworth	1:20 PM	Panelist for "What is progress in Environmental Geography?"
Yue Jing	3:00 PM	Multi-scale complex network analysis of commuting efficiency: urban connectivity, hierarchy, and labor market
Dr. Jane Southworth	3:00 PM	Panelist for "GIS Certification - Grow or improve your certificate program"
Dr. Joann Mossa	3:00 PM	Panelist for "Moving the Needle on Gender Equity in Academia: Tracking the Status of Women and Marginalized Groups in Geography"
Dr. Amobi Amanambu	3:00 PM	Hydrological Drought and Disconnectivity: Quantifying Low Flow Conditions in Apalachicola River

April 19

Mohammad Safaei	7:20 AM	Land Use and Land Cover Classification in Addo Elephant National Park: Analyzing the Impact of Variables, Algorithms, and Object-Based Approach
Dr. David Keellings	7:20 AM	Heat Waves and Connections to Climate Variability and Change Across the United States
Md Shaharier Alam	9:00 AM	Retirees on the Move: Examining Mobility Responses and Recovery Dynamics During Hurricane Ian in Southwest Florida
Tan Luong	9:00 AM	Spatial network epidemiology identifies health disparities in an ethnic minority group and the common geographical anthrax transmission pathways in northern Vietnam.
Dr. Heidi Lannon	9:00 AM	Collaborative Discourse in Geography – Lessons from the Dreaded Group Project
Anuska Narayanan	10:40 AM	Integrating Humidity into the Heat Severity and Coverage Index (HSCI) for Enhanced Heatwave Severity Assessment
Zeyu He	10:40 AM	Probing the 'Returners and Explorers' Divide: Human Mobility Patterns in the Face of Natural Hazards
Md Muyeed Hasan	10:40 AM	Spatiotemporal Rainfall Modeling in Bangladesh: A Comparison of Different Kriging Techniques as Spatial Interpolation Methods
Jinpeng Wang	10:40 AM	Multi-Scale Analysis of the Mobility Network of Southwest Florida Communities Amid Hurricane Ian
Dr. Joann Mossa	12:10 PM	Dr. Mossa will be presented with the Mel Marcus Distinguished Career Award

Dr. Johanna Engstrom	1:20 PM	Drought vulnerability assessment of high-income countries
Neha Kohli	1:20 PM	Panelist for "The Past Before Us: Navigating Island-centered Histories and Futures 4"

April 20

Dr. Chang Zhao	7:20 AM	Geospatial Artificial Intelligence Detects Invasive Cactus Species across Large Heterogeneous Landscape of Laikipia, Kenya using Sentinel-2 Satellite Imagery
David Russell	3:00 PM	Areas of Operations: An application of spatialized social network analysis to conflict actors
Dr. Olivier Walther	3:00 PM	The spatial conflict life cycle in Africa