

TIME	2025 SCGIS Conference Schedule - Sunday, June 29th
4:00 PM - 7:30 PM	Registration
5:30 PM - 7:30 PM	Dinner
7:30 PM - 9:30 PM	Registration and Welcome Reception Roosevelt Room – Headwaters Lodge
9:30 PM - 11:00 PM	Fire Ring Social

TIME	2025 SCGIS Conference Schedule - Monday, June 30th		
6:30 AM - 8:30 AM	Breakfast		
8:45 AM - 9:30 AM	Opening session Land Acknowledgement - Welcome SCGIS President - SCGIS Scholarship Program - Confluence Center Auditorium		
9:30 AM - 9:45 AM	Break		
9:45 AM - 11:00 AM	Keynote Address - David Saah Confluence Center Auditorium		
11:00 AM - 11:20 AM	Coffee Break		
11:20 AM - 12:00 PM	Room - Confluence Center Auditorium	161IW in the Lemon Building	Gallery room - Headwaters Lodging
	Environmental Justice/Heritage mapping	Invasive species/Woody encroachment	Aquatic Systems
	<i>Mapping Justice: Teaching GIS for Climate Action by Olivia Zhang</i>	<i>Everything We Don't Know About Woody Encroachment by Maria Zubkova</i>	<i>Quantifying and mapping the flood pulse in the Upper Amazon River Floodplains between</i>

			2017 - 2023 by Juan Lozano
	<i>Conservation GIS and Social Justice: Mapping Indigenous Displacement in Africa's Carbon Economy</i> by Daisy Jelagat	<i>Developing Unoccupied Aerial Vehicle (UAV) Technology to Improve Brush Management in Florida's Grazing Lands</i> by Allison Schumacher	<i>Adapting Water Typing Field Protocols to Remote Sensing Workflows for Landscape-Scale Analyses</i> by Leah Nagel
	<i>Community Legacy in the Face of Wildfires: Using GIS to Understand the Palisades and Eaton Fire Impacts to Built Heritage</i> by Morgan Quirk	<i>Predictive modelling of the current and future distribution of Tephrocactus articulatus (Pfeiff.) Backeb in South Africa: Its implication for Karoo region</i> by Moleseng Moshobane	<i>Support for Integrated Pest Management in the Lemon Fair Floodplain - Vermont</i> by Bill Hegman
12:00 PM - 1:00 PM	Lunch		
1:00 PM - 2:30 PM	Panel Session Geospatial Technology Innovations for Conservation Confluence Center Auditorium		
2:30 PM - 2:50 PM	Break		
2:50 PM - 3:50 PM	Conservation Remote Sensing <i>Application of GeoAI to Map and Characterize natural resources and human use of NJ's</i>	Coastal/Wetlands Conservation <i>GIS-Based Tracking and Preventing Plastic Pollution from Coastal City Drains into Oceans</i> by Princewill Odum	Leveraging Real-Time GIS for Effective Conservation with EarthRanger by Joshua Krautwurst

	<i>coastal zone by Richard Lathrop</i>		
	<i>Assessing Physicochemical Parameters of Water Pans Using Remote Sensing (GEE) and In-Situ Data: A Time Series Analysis in Taita Taveta, Kenya by Angela Too</i>	<i>Using Image Classification to Map Estuary Vegetation in the Pacific Northwest by Elizabeth Martin</i>	
	<i>An Integrated Framework for Wildfire Risk Assessment Using Open-Source Geospatial Data in Small Forests and National Parks by Mohd Amin Khan</i>	<i>Applying Landscape Metrics to Reveal and Analyze Land Cover Dynamics of a San Antonio de Guerra Wetland, Dominican Republic, 2024 by Lisette Rodriguez</i>	
	<i>Remote Detection of Soil Carbon and Nitrogen Through Decomposition of Spectral Signals by Mohammed Braimah</i>	<i>Predictive Modeling of Ghost Net Accumulation in Coastal and Marine Ecosystems Using Machine Learning and Spatial Analytics by Erick Odire</i>	
3:50 PM - 4:10 PM	Coffee break		
4:10 PM - 5:10 PM	Speed Networking Confluence Center Auditorium		
5:10 PM - 5:30 PM	Break		

5:30 PM - 7:30 PM	Dinner
7:30 PM -9:30 PM	Map Gallery and Wine Reception - Roosevelt Room – Headwaters Lodge
9:30 PM - 11:00 PM	Fire Ring Social

TIME	2025 SCGIS Conference Schedule - Tuesday, July 1st		
6:30 AM - 8:30 AM	Breakfast		
9:00 AM - 10:30 AM	Keynote Address - Allen Carroll Confluence Center Auditorium		
10:30 AM - 11:00 AM	Group Photo & Coffee Break		
11:00 AM- 12:00 PM	From Division to Justice: Reclaiming Mapping for Equity and Belonging - NorthStar of GIS by Clinton Johnson Confluence Center Auditorium		
12:00 PM - 1:00 PM	Lunch		
1:00 PM - 2:10 PM	SCGIS ALL MEMBERSHIP MEETING Confluence Center Auditorium		
2:10 PM - 2:30 PM	Break		
2:30 PM - 3:30 PM	Room - Confluence Center Auditorium	161IW in the Lemon Building	Gallery room - Headwaters Lodging
	NASA GIS-ready data and services for conservation training session	Conservation Planning (Part 1) <i>Implementing 30x30: Lessons from Country Case Studies</i> by Susmita Dasgupta	Land Trust (Curated session)

		<p><i>Prioritization of areas for forest-based ecosystem services, with a focus on water, biodiversity, and carbon in the Upper Oconee watershed in Georgia</i> by Kanchana Balasubramanian</p> <p><i>Identifying Habitat Connectivity Priority Areas Utilizing Omniscape and Zonation Conservation Planning Softwares</i> by Mitchell Attig</p> <p><i>Mapping The Nature of Fashion</i> by Kellee Koenig</p>	
3:30 PM - 3:50 PM	Coffee break		
3:50 PM - 5:00 PM	NASA GIS-ready data and services for conservation training session (continues)	<p>Conservation Planning (Part 2)</p> <p><i>Using Google Earth Engine to develop interactive mapping tools for conservation planning</i> by Jane Kunberger</p>	Drones for Conservation 101 by Allison Schumacher
		<p><i>Geospatial Technologies</i></p>	

		<p><i>Supporting Conservation Horticulture by Kayla Flamm</i></p>	
		<p><i>GIS-Based Multi Criteria Decision Making Analysis for Solid Waste Landfill Site Selection: A Case of Bahir Dar City, Ethiopia by Hailemariam Misganaw Shiferaw</i></p>	
		<p><i>GIS Transforming Community-Led Conservation: Innovative Spatial Approaches for Kenya's Conservancies by Nancy Neema</i></p>	
5:00 PM - 5:30 PM		Break	
5:30 PM - 7:30 PM	Dinner		
7:30 PM -9:30 PM	Wine Reception - Roosevelt Room – Headwaters Lodge		
9:30 PM - 11:00 PM	Fire Ring Social		

TIME	2025 SCGIS Conference Schedule - Wednesday, July 2nd		
6:30 AM - 8:30 AM	Breakfast		
9:00 AM - 10:00 AM	160IW in the Lemon Building	161IW in the Lemon Building	Gallery room - Headwaters Lodging
	Conservation Apps, Tools, and Databases	Ecosystem Restoration	Deforestation & Reforestation
	<p><i>Enhancing the stories and management of our National Forests and Grasslands with geospatial tools by Christina Sabochick</i></p>	<p><i>Extreme years critical for determining suitable habitat areas for restoration: exploring shifts in dominant seagrass species, Enhalus acoroides, habitat in Guam by Charles Sabin</i></p>	<p><i>Analyzing Deforestation in Three DR Congo World Heritage Sites Using Global Forest Watch Alerts by Joel Masselink</i></p>
	<p><i>Building a Public Platform to Monitor 30x30 Conservation Goals by Brendan Jarrell</i></p>	<p><i>Mapping and Prioritizing Freshwater Mussel Conservation and Restoration in the Virginia Chesapeake Bay Watershed by Shiva Torabian</i></p>	<p><i>Finding unmapped old forests in Vermont using a novel application of MaxEnt habitat suitability modeling by Alex Vanko</i></p>
	<p><i>Leveraging the Cloud-Native Geospatial Stack for Conservation GIS by Christian Gass</i></p>	<p><i>Industry in Decline: Using LiDAR to identify Highwall mining operations and evaluate the true cost of ecosystem</i></p>	<p><i>Machine Learning-Driven Estimation of Forest Aboveground Biomass Using GEDI LiDAR and Multi-Sensor Earth Observations by Hamdi Zurqani</i></p>

		restoration by Christian Thomas	
	<i>Leveraging GIS for Large Carnivore Conservation in the Greater Kafue Ecosystem</i> by Blessing Samalesu	<i>From Erosion to Restoration: Addressing Land Degradation Challenges in the Ethiopian Highland</i> by Afework Mekeberia Worku	<i>Reforestation feasibility from regional to local parcel-level scales: an example workflow to assist outreach and program design</i> by David Richardson
10:00 AM - 10:20 AM	Coffee Break		
10:20 AM - 11:20 AM	Conservation Apps, Tools, and Databases (continues)	Land Cover Change	
	<i>Is Conservation Ready to Embrace a Funding Paradigm Shift?</i> by Craig Beech	<i>Deforestation and Land Use/land Cover patterns at critical mineral industrial parks in Indonesia</i> by Molly Schreier	
	<i>Democratizing Access to Spatial Information for Enhanced African Conservation Decision-making & Collaboration</i> by David Williams	<i>The Effects of Urbanization on the Barbados Landcover and Ecology</i> by Grahame Niles	

	<p><i>From the classroom to the schoolyard and beyond: measuring the effects of ecological restoration on increasing habitat connectivity for butterflies through the use of geoapps</i> by Gimena Pizzarello</p>	<p><i>Mapping Global Human Modification</i> by Zachary Simek</p>	
		<p><i>Land Use Change Monitoring: A Rupununi Perspective</i> by Mia Pierre</p>	
11:30 AM - 1:00 PM	Lunch		
1:00 PM- 5:00 PM	Social Activities: Trip to Sacred Roots Herbal Sanctuary, hike in Audubon Nature Preserve, visit Harpers Ferry		
5:00 PM - 5:30 PM	Break		
5:30 PM - 7:30 PM	Dinner		