2024 SCGIS Pre-Conference Schedule - Wednesday September 4th				
PRE-CONFERENCE WORKSHOPS				
TIME	**ROOMS**			
6:30 - 8:30	**Breakfast**			
8:30 - 12:00	**An Introduction to Remote Sensing and Land Cover Change Analysis using Open Source Tools. Instructors: Cindy Schmidt (NASA) & Nancy Thomas (GIF, UC Berkeley)**	**Data in Action: Esri's Tools for Effective Field Data Collection and Volunteer Management. Instructor: Lydia Troup (Esri).**	**Harpers Ferry Field Trip (Group 1, 10:00-11:30am)**	**Board Retreat**
12:00 - 1:00	**Lunch**			
1:00 - 5:00	**morning workshop continues**	**Google Earth Engine: Introduction & Basic Analysis. Instructor: Amy Pickens (UMD)**	**Harpers Ferry Field Trip (Group 2, 3-4:30pm)**	**Board Retreat continues**
5:00 - 6:00	**Registration and Break**			
5:30 - 7:30	**Dinner**			
7:30 - 9:30	**Registration and Welcome Reception**			

TIME	2024 SCGIS Conference Schedule - Thursday September 5th		
6:30 - 8:30	**Breakfast**		
8:30- 9:15	**Opening session**		
9:15 - 10:30	**Keynote Address - Breece Robertson (45 min + Q&A)**		
10:30 - 10:45	**Break**		
10:45 - 12:00	**Conservation Remote Sensing Part 1** **Abstract 4:** Identifying Callery Pear from multi-temporal, high-resolution satellite imagery using machine learning by Justin Krohn **Abstract 10:** Oil and Water Leveraging Remote Sensing and Machine Learning to Identify and Monitor Marine Pollution Events by Christian Thomas **Abstract 11:** Placed-Based Geospatial Analyses from Remote Sensing of Rapid ʻŌhiʻa Death in Hawaiʻi by Brian Tucker **Abstract 15:** Challenges in reconstructing the historical fire record in South African nature reserves using satellite data by Maria Zubkova	**Planning: Conservation Prioritization** **Abstract 23:** Prioritizing restoration sites that improve connectivity in the Appalachian landscape, USA by G.A. Pabodha Galgamuwa **Abstract 24:** Modeling Recreation Impact on Wildlife Habitat in Colorado's San Luis Valley Region by Alison Gallensky **Abstract 39:** The Architecture of the Appalachian Trail Conservancy's Aggregated Spatial Infromation Tool by Josh Foster **Abstract 13:** Empowering local communities to oppose mining using Python-generated maps by Meg Southee **Abstract 5:** Greensprings Natural Cemetery: Conserving Open Space, and Going Back to the Land by Karen Edelstein	**Developing, Launching, and Maintaining Geospatial Platforms and Products**
12:00 - 1:00	**Lunch**		
1:00 - 2:15	**SCGIS ALL MEMBERSHIP MEETING** **ANNUAL GROUP PHOTO**		
2:15 - 2:30	**Break**		

2:30 - 3:30	**Conservation Remote Sensing Part 2** **Abstract 35**: A framework for guiding management decisions for amphibians in an uncertain future by Mae Lacey **Abstract 44**: Impacts of flooding around Lake Victoria by Herine Ondolo **Abstract 7**: LiDAR-based remote detection of landforms and application to study Eurasian lynx (Lynx lynx) ecology by Špela Čonč **Abstract 28:** Near-real time global vegetation monitoring to aid conservation efforts by Amy Pickens	**Forest Conservation** **Abstract 31**: Spatial and temporal variability of the process of change in the Atlantic Forest of Brazil by Mikayla Schappert **Abstract 36**: Advancing Natural Climate Solutions for Mitigating Climate Change in Tropical Forested Countries by Janet Nackoney **Abstract 9:** Toward a More Cohesive Geospatial Approach to National Forest Management Planning by Bo Wilmer **Abstract 38**: Assessing landscape conservation values of sustainably certified managed forests in the biodiverse southeastern U.S. by Healy Hamilton	Building geospatial tools for conservation
3:30 - 3:45	**Break**		
3:45 - 5:15	**Panel Session Professional Development**		
5:15 - 5:30	**Break**		
5:30 - 7:30	**Dinner**		
7:30 - 9:30	**Map Gallery and Wine Reception**		

TIME	2024 SCGIS Conference Schedule – Friday September 6		
7:30 – 9:00	**Breakfast**		
9:00 - 10:15	**Scholar Sessions**		
10:15 - 10:30	**Break**		
10:30 - 12:00	**Panel Session** **Discussion on Conservation for Action Breece Robertson**		
12:00 - 1:00	**Lunch**		
1:00 - 2:00	**Getting to Know USGS Topographic Maps and Data Products** Training session (laptops required)	**Mapping Agricultural Climate Resilience and Risk in the State of Maryland**	**Ocean/Marine Conservation** **Abstract 16:** Patterns of illegal, unreported, and unregulated fishing in the Philippines by Paige Roberts **Abstract 21:** Spatial Analysis of Movement and Prevention of Plastic Pollution from Coastal Cities Drains into Oceans by Princewill Odum **Abstract 30:** Weaving Modern Science and GIS with Indigenous Knowledge on the Ulithi Atoll, Micronesia by Sarah Godfrey
		Break	
2:00 - 3:00	**An introduction to NASA GIS-ready data and services for conservation** Training session (laptops required)	**Online Systems, Apps, and Databases for Conservation Part 1** **Abstract 19**: Community-First Conservation Technology: Launching the Jane Goodall Institute's Alert System for Environmental Monitoring and Response in Western Tanzania and Uganda by Abigail Pendry **Abstract 40**: The Appalachian Trail Landscape's Aggregated Spatial Information Tool (ATLASIT): Highlighting the role of GIS decision support tools in partnership building by Maxwell Olsen	**Conservation Storytelling and Storymaps** **Abstract 25**: The Use of GIS and Story Maps in a Museum Environment for Scientifically Educating the Public by Daniel Cole **Abstract 22**: Perspectives on the Mapped Representation of a Forested World Heritage Site by Joel Masselink

		Abstract 14: The Decision Support Tools Database – Your one stop shop for finding and accessing DSTs for conservation research by Heather Peacock **Abstract 8**: From Data to Decision: Applying NatureServe's Biodiversity Dashboards to Guide Regional Conservation by Ellie Linden	**Abstract 17:** Teaching Coffee Companies GIS Basics for EUDR Compliance by Kellee Koenig **Abstract 43**: Learn to Use ArcGIS StoryMaps for Conservation by David Asbury
3:00 - 3:15		**Break**	
3:15 - 4:15		**Online Systems, Apps, and Databases for Conservation Part 2** **Abstract 33:** On Demand, Custom, Topographic Maps with topoBuilder by Marcelle Caturia **Abstract 41:** Shiny Happy People Sharing Geospatial Data: Low-Cost Tools to Highlight Your Work by Melissa Albino Hegeman **Abstract 27:** Streamlining Field Work Planning and Execution with Esri Tech by Kayla Flamm **Abstract 29**: Can we change the way conservation is funded? by Craig Beech	**Nature's Symphony:** Conservation through Acoustic Recording by Wil Hershberger **Wetlands Conservation** **Abstract 18**: Scalable GIS Framework for Nationwide Wetland Protection Analysis: A Case Study on the Impact of Sackett vs. EPA Decision by Abigail Pendry **Abstract 6:** Identifying potential locations for water quality wetland installation using GIS modeling by Annina Rupe
4:15 - 4:30		**Break**	
		Biodiversity Conservation **Abstract 12**: Mapping patterns of direct drivers of biodiversity loss on imperiled species in the United States by Becca Settele	**Watersheds Conservation** **Abstract 37**: Supporting the conservation and maintenance of healthy watersheds by Sophie Waterman

4:30 - 5:15		**Abstract 32**: Revisiting Global Biodiversity: A Spatial Analysis of Species Occurrence Data from the Global Biodiversity Information Facility by Brian Blankespoor	**Abstract 20**: Identifying Emerging Vegetation to Inform Conservation Efforts at the Salton Sea by Keilani Bonis-Ericksen
		Abstract 34: Estimating Extinction Risks with Species Occurrence Data from the Global Biodiversity Information Facility by Susmita Dasgupta	**Abstract 26**: Mussel Richness Map for the Virginia Chesapeake Bay Watershed by Joseph Weber
		Break	
5:30 - 7:30	**Dinner**		
7:30 - 10:00	**Closing Reception**		