

IALE-NORTH AMERICA 2026



IALE - NORTH AMERICA

Landscape Ecology at 40: Learning from the Past, Shaping Resilient Futures
 Join us where it all began in 1986 | Athens, GA | April 26-30, 2026

SCHEDULE AT A GLANCE

SUNDAY, APRIL 26TH

12:00 PM - 7:00 PM	Registration Desk Open	Grand Hall Prefunction
12:00 PM - 6:30 PM	Exhibitor Setup	Grand Hall Prefunction
2:30 PM - 5:00 PM	Student Walk Around Athens - All Students Welcome	Offsite - meet at Registration
6:30 PM - 8:30 PM	Welcome Social	Atrium

MONDAY, APRIL 27TH

7:00 AM - 5:00 PM	Registration Desk Open	Grand Hall Prefunction
7:30 AM - 8:30 AM	Breakfast	Grand Hall 7
8:30 AM - 9:30 AM	Welcome & Plenary Presentation I - Dr. Monica Turner, University of Wisconsin - Madison	Grand Hall 7
9:30 AM - 10:00 AM	Break and Visit Sponsors	Grand Hall Prefunction
10 AM - Noon	Concurrent Sessions	See Schedule Grid
Noon - 1:30 PM	Student/ Mentor Lunch (RSVP required)	Grand Hall 6
1:30 PM - 3:10 PM	Concurrent Sessions	See Schedule Grid
3:10 PM - 3:30 PM	Break and Visit Sponsors	Grand Hall Prefunction
3:30 PM - 5:10 PM	Concurrent Sessions	See Schedule Grid
5:30 PM - 7:00 PM	Poster Social	Atrium
7:00 PM - 9:00 PM	NASA/MSU Dinner (invitation only)	Grand Hall 6
8:00 PM - 10:00 PM	Offsite Student Social - All Students Welcome	Little Kings: 223 W. Hancock Ave

TUESDAY, APRIL 28TH

7:00 AM - 6:00 PM	Registration Desk Open	Grand Hall Prefunction
7:30 AM - 8:30 AM	Breakfast	Grand Hall 7
7:30 AM - 8:30 AM	Open Discussion: Equity in Landscape Ecology	Grand Hall 7
8:30 AM - 9:30 AM	Plenary Presentation II - Christi Lambert, The Nature Conservancy	Grand Hall 7
9:30 AM - 10:00 AM	Break and Visit Sponsors	Grand Hall Prefunction
10 AM - Noon	Concurrent Sessions	See Schedule Grid
Noon - 1:30 PM	Lunch on Your Own	
1:30 PM - 5:30 PM	Workshop-01: Mapping Ecosystem Services for Decision Making (requires pre-registration and additional fee)	Grand Hall 1
1:30 PM - 5:30 PM	Workshop-02: MultiScaleR: Approachable and Generalizable Multiscale Ecological Modeling in R (requires pre-registration and additional fee)	Grand Hall 2

TUESDAY, APRIL 28TH (CONTINUED)

1:30 PM - 5:30 PM	Workshop-03: AI-Powered Analysis of Animal Space Use, Movement, and Connectivity with SpatChat (requires pre-registration and additional fee)	Grand Hall 3
1:30 PM - 5:30 PM	Workshop-04: Metacoupling and Telecoupling: Using Interdisciplinary Frameworks to Connect Landscapes Across Scales (requires pre-registration and additional fee)	Grand Hall 5
1:30 PM - 5:30 PM	Workshop-05: Lidar for Forestry, Ecology, and Natural Resources in R: A primer (requires pre-registration and additional fee)	Grand Hall 4
1:30 PM - 5:30 PM	Birding at the State Botanical Garden of Georgia (requires pre-registration and additional fee)	Offsite - Meet at conference registration
1:30 PM - 5:30 PM	Botanizing at the State Botanical Garden of Georgia (requires pre-registration and additional fee)	Offsite - Meet at conference registration
1:30 PM - 5:30 PM	Sandy Creek Nature Center (requires pre-registration and additional fee)	Offsite - Meet at conference registration
6:00 PM - 7:00 PM	Networking Reception and "We'll Pick up the Tab" Social	Grand Hall Prefunction
7:00 PM - 8:30 PM	Awards Banquet	Grand Hall 7

WEDNESDAY, APRIL 29TH

7:00 AM - 5:00 PM	Registration Desk Open	Grand Hall Prefunction
7:30 AM - 8:30 AM	Breakfast	Grand Hall 7
8:30 AM - 9:30 AM	Plenary Presentation III - Dr. Jianguo "Jack" Liu, Michigan State University	Grand Hall 7
9:30 AM - 10:00 AM	Break and Visit Sponsors	Grand Hall Prefunction
10 AM - Noon	Concurrent Sessions	See Schedule Grid
Noon - 1:30 PM	Lunch on Your Own	
1:30 PM - 3:10 PM	Concurrent Sessions	See Schedule Grid
3:10 PM - 3:30 PM	Break and Visit Sponsors	Grand Hall Prefunction
3:30 PM - 5:00 PM	Exhibitor Breakdown	Grand Hall Prefunction
3:30 PM - 5:10 PM	Concurrent Sessions	See Schedule Grid

THURSDAY, APRIL 30TH

7:00 AM - 4:00 PM	Phinzy Swamp (requires pre-registration and additional fee)	Offsite - Meet at conference registration
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GLOBAL LEVEL



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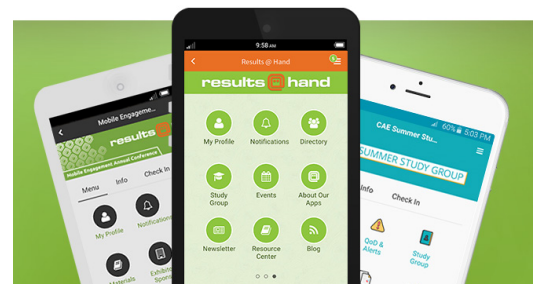
Monday Concurrent Presentations

	ATHENA AB	GRAND HALL 1	GRAND HALL 2	GRAND HALL 3	GRAND HALL 4	GRAND HALL 5
Track	S2. Remote Sensing of Landscape Change and Disturbance	S11. Landscape Genetics & Genomics Symposium...	S13. Integrative Conservation in a Fragmented World...	S9. Hurricanes, Derechos, and Droughts, Oh My...	T1. Artificial Intelligence and Remote Sensing	S5. Human-Nature Dynamics across Telecoupled...
10:00 AM	Post-Fire Forest Recovery Shaped by Interacting Disturbances in the Southern Rocky Mountains <i>Megan Cattau</i>	Landscape Genetics Turns 20: Where We Have Been, and Where are We Going <i>Samuel Cushman</i>	Consistency and Variability in Tree Community Shifts Along Ecoregional Land Cover Intensity Gradients <i>Matthew Baker</i>	An Assessment of Forest Health at the Stand- and- Landscape levels after Hurricane Helene <i>Kamal Gandhi</i>	IALE-Bot! Can AI give us a fun and useful tour down landscape ecology's memory lane? <i>Jeffrey Cardille</i>	Telecoupling and Metacoupling Frameworks in Practice: A Literature Review with Large Language Models <i>Xiang Yu</i>
10:20 AM	A fundamental trade-off among resilience, redundancy, and efficiency across the terrestrial biosphere <i>Russell Feagin</i>	Why did the beaver cross the road? Comparative landscape genomics of an ecosystem engineer in two environments <i>Kathryn Davis</i>	Balancing Conservation and Urbanization: Simulating Multiple Population Pathways Can Lead to More Targeted Conservation Strategies <i>Christina Perella</i>	Assessment of Helene-damaged forest vulnerability to non-native plant invasion in the Southern Appalachians <i>Kevin Potter</i>	Automated detection of microscale landscape elements using Google Street View imagery and Vision Language Models <i>Jianxing Guan</i>	An Agentic, Workflow-Based Telecoupling Toolbox for Reproducible Sustainability Analysis <i>Nan Jia</i>
10:40 AM	Remotely monitoring regional restoration progress: A case study in Longleaf Pine ecosystems <i>Brittany LaPointe</i>	Locks and Dams Alter Genetic Connectivity of Ohio River Flathead Catfish <i>Allison Williams</i>	Using spaceborne LiDAR (GEDI) to predict habitat use by tropical mammals in fragmented forests <i>Jessie Elliott</i>	How Plant Functional Traits and Life History Attributes Co-Determine Forest Response to Drought in Texas <i>Shakirudeen Lawal</i>	Resolving structural and plant diversity relationships along a terrestrial vegetation volume gradient at NEON sites <i>Anna Downing</i>	Understanding metacoupling in the co-production of nature's contributions to people: A qualitative study of anthropogenic capital flows <i>Anna Mayer</i>
11:00 AM	Integrating Drone Multispectral Imagery and Phenological Monitoring to Evaluate Climate-of-Origin Adaptation in <i>Quercus rubra</i> <i>Haley Siculan</i>	Simulating the Influence of Habitat Conditions on a Gopher Frog (<i>Rana Capito</i>) Metapopulation Using an Individual-Based Model <i>Eva Kerr</i>	The Ecosystem Service Observatory System for Canada <i>Elena Bennett</i>	Closing the Knowledge Gap: Drought Mortality in Forests of the Southeast <i>Jen Costanza</i>	Resolving Fine-Grained Urban Agriculture Patterns Using GeoAI and Integrated Social-Environmental Sensing <i>Chang Zhao</i>	Artificial Light at Night Extends Growing Seasons across Coupled Human-Natural Landscapes <i>Lin Meng</i>
11:20 AM	Leaf senescence spectra in autumn: a new dimension to improve satellite-based identification of Callery pear trees <i>Baihong Pan</i>	Integrating Landscape Genetics and Habitat Suitability to Assess Connectivity in Ohio Gray Foxes <i>Olivia Ruppert</i>	Decision Support to Improve Ridge-to-Reef Stewardship of Hawai'i Island <i>Rachel Schoenecker</i>	Spatial prioritization for oak forest restoration in the wake of large-scale, storm-driven canopy disturbance <i>Lars Pomara</i>	Hydro-meteorological disaster, and river trajectory changes; threat to livelihoods and human migration in the Himalayan River basin: An explanatory case from Yamuna, Ganges, and Teesta basins of Bangladesh <i>Muhammad Abdur Rahaman</i>	A hierarchical framework for investigating and managing invasive plants: A case study of iceplant (<i>Carpobrotus edulis</i>) in California <i>Xue Yan</i>
11:40 AM	Thoughts on Vegetation Seasonality Indicators for Characterization of Land Surface Change <i>Geoff Henebry</i>	Insights from a Spatially Explicit Simulation for Demographic and Genetic Effects of Movement Strategy in Cave Myotis <i>Marissa Roseman</i>	Discussion	Gradients of forest structural change after hurricane Helene across the southern Appalachians <i>Steve Norman</i>		Revealing the transfer and impacts of ecological footprint embodied in interprovincial trade across China's metacoupled system <i>Ruqian Zhang</i>

Conference App

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Monday Concurrent Presentations

	ATHENA AB	GRAND HALL 1	GRAND HALL 2	GRAND HALL 3	GRAND HALL 4	GRAND HALL 5
Track	S2. Remote Sensing Cont.	S11. Landscape Genetics Cont.	S13. Integrative Conservation Cont.	T3. Urban Landscapes	T2. Forest Ecosystem Management	S5. Human-Nature Dynamics Cont.
1:30 PM	Does chronic wind influence pine canopy architecture? An assessment using... <i>Jeffery Cannon</i>	Unifying ecology, evolution, and epidemiology to predict disease dynamics in... <i>Erin Landguth</i>	Participatory mapping and individual-based modeling to predict changes in trout... <i>Kelly Robinson</i>	Edge Effects: Applying Landscape Ecology Principles to the Design of the Indoor... <i>Meghan Mick</i>	An agenda for landscape ecological research to inform boreal forest management in Ontario... <i>Stephen Mayor</i>	Climate Stress, Marriage, and Migration: A Metacoupling Analysis from Nepal's Chitwan... <i>Xiaoxiao Wei</i>
1:50 PM	Using UAVs to understand hurricane susceptibility in pecan orchards and... <i>Leah Andino</i>	Landscape Genomics of Myotis velifer: a Bat Species on the Leading Edge of White-Nose... <i>Flora Whiting-Fawcett</i>	Putting Forest Communities' Conservation Efforts on the Map <i>David Medvigy</i>	Vegetation Dynamics and Landscape Connectivity in Mediterranean... <i>Giuseppe Bazan</i>	Vector-field basins of attraction reveal recent shifts in temperate forest ecosystem... <i>Nejm Eddine Jmii</i>	Decoupling the Impacts of Human Activities and Climate Change on Post-Fire Forest Productivity... <i>Zhuoya Zhang</i>
2:10 PM	Combining historical and drone data to characterize forest structural change... <i>KC Cushman</i>	Landscape genetic perspectives on mosquito control: mapping insecticide... <i>Jessica Ding</i>	Co-Producing Conservation Landscapes: Integrating Species Distribution... <i>Zarrin Tasneem</i>	Unequal co-benefits of urban nature for heat exposure, energy use, productivity and health... <i>Yingjie Li</i>	Streamside management zones support cavity-nesting pollinator communities within... <i>Emma Briggs</i>	Telecoupled hydroclimatic change reshapes historic rice-field wetlands in... <i>Oluwatobi Olaniyi</i>
2:30 PM	Assessment of Landscape Disturbance and Recovery After Hurricane Helene Using... <i>Pratikshya Regmi</i>	Region-specific understanding of virus transmission to support salmonid health at... <i>Paige Ferguson</i>	Small area estimation of landowner willingness to allow natural resource management actions... <i>Eric Palm</i>	Perceptions of Salt Marsh in the Residential Landscape <i>Mary-Margaret McKinney</i>	Impacts of beaver dam analogs on water and streambed sediment quality near a historic... <i>George Gyan</i>	Cruising across Alaska: Terrestrial and marine risk of introduced species from tourism <i>Michele Remer</i>
2:50 PM	A year post Hurricane Helene: Complex pattern of vegetation structure, function and their... <i>Jitendra Kumar</i>	Breakout Session Meet & Greet	Café Gran Batey and the Formation of an Agroecological... <i>Sofia Jordan & Isabela Lovelace</i>		Finding accurate wetland boundaries in problematic soils of Piedmont flood plains... <i>Jason Wheatley</i>	Spatial Prioritization of Land Management Using a Meta-Coupling Framework to... <i>Zhimeng Jiang</i>
3:10 PM - COFFEE BREAK						
Track	S2. Remote Sensing Cont.	S11. Landscape Genetics Cont.	S13. Integrative Conservation Cont.	T4. Remote Sensing and Spatial Pattern Analysis	T5. Ecosystem Services and Climate Change	S5. Human-Nature Dynamics Cont.
3:30 PM	A Pixel-Level Framework for Map Comparison Through Time with Application to Water... <i>Antonio Fonseca</i>	Landscape transcriptomics as a tool for addressing global change effects across... <i>Jason Keagy</i>	A Mixed-Methods Monitoring and Evaluation Framework for Advancing Climate... <i>Kanchana Balasubramanian</i>	Improved Downscaling of Raster Data using Moran Eigenvector Mapping with Application to... <i>Sarah Goslee</i>	Mapping forest ecosystem services for optimizing management approaches <i>Hazhir Karimi</i>	Shared landscapes and divergent experience: Mapping Human-nature interactions across U.S... <i>Haojie Cao</i>
3:50 PM	Intensifying ecohydrological cycle accelerates land water deficit <i>Fei Li</i>	Harnessing Environmental DNA to Address Fundamental Questions in... <i>Melanie Murphy</i>	Integrating geospatial techniques with traditional ecological knowledge for... <i>Henry Bulley</i>	Plant Nutritional Landscapes <i>Philip Townsend</i>	Identifying environmental and socioeconomic determinants of... <i>Payton Phillips</i>	Evaluating Transboundary Conservation Actions through the Lens of... <i>Andres Vina</i>
4:10 PM	Remotely sensed data for disturbance detection from NASA <i>Scott Pearson</i>	How Local is Local Adaptation? Investigating Non-Stationarity and... <i>Helen Bothwell</i>	Discussion and Q&A	Spatial autocorrelation in ecological data analysis: when should we be concerned and how... <i>Xingli Giam</i>	Consistent shifts in seasonal richness of actively flowering species across multiple... <i>Isaac Park</i>	Revisiting the effectiveness and applicability of the Wetland Reserve... <i>Mingyu Zhao</i>
4:30 PM	Scale, landscape change, and salt marsh conservation along the Georgia coast <i>Asa Julien</i>	Conservation Genomics of Fragmented Southeastern Black Bear (<i>Ursus americanus</i>)... <i>John Robinson</i>			NDVI Analysis of Early Tree Browning in Soule, France <i>Sonrisa Reed</i>	Metacoupling in Panda Landscapes: Aligning Forest Conservation and Human Wellbeing <i>Logan Hysen</i>
4:50 PM	Spectrally-derived diversity estimates suggest topography as a driver of shrubland... <i>Izzy Lopez</i>	Why Did the Cat Cross the Road? Exploring the Genomic Link Underlying Road-Crossing Success... <i>Jack Towson</i>			Optimizing water-use efficiency under elevated CO ₂ : A meta-analysis of crop type, soil... <i>Ali Mokhtar</i>	Minimum Reserve Size Required for Basic Needs Satisfaction and Biodiversity and... <i>Zhixun Huang</i>
5:10 PM	Driving Mechanism of Urban Heat Island Spreading <i>Jing Yao</i>	Discussion				Telecoupling Urban Biodiversity Governance: Citizen Science for Managing Reciprocal... <i>Fang Wang</i>

Monday Poster Session

P1. Digital Tools for Landscape Connectivity: Interactive Platforms Supporting Conservation Planning Across Florida (Digital)
P2. Capturing Fine-Scale Dynamics: Parcel-Level Land Change Analysis Using Fractional Land Cover Metrics
P3. Non-Lethal Tracking of Pollen Movement Across Land Cover Gradient
P4. The Influence of Habitat Structure and Heterogeneity on Bird and Acoustic Diversity across Forest Types
P5. Elucidating the Impacts of Abiotic and Landscape Variables on the Distribution of <i>Ixodes scapularis</i> Across Western NC Through Ensemble Modeling
P6. Uncovering multi-scale drivers of herpetofauna community composition in a managed forest for climate change adaptation
P7. Ratio of vehicle to nature observations is correlated with distance from roadway and road type
P8. The Drone View of Plot Data (DVPD) Model: An Open-Source Solution to Improve Data Extraction from Remotely Sensed Imagery of Research Plots
P9. Influence of wetland extent on flood mitigation in an agricultural landscape under current and future climate
P10. Grazing and Invasive Plant Drivers of Vegetation Structural Diversity in a Sonoran Desert Rangeland
P11. Tree plantations fail to increase ecosystem carbon stocks in large extents of semi-arid open natural ecosystems in India
P12. Integrating Patch Level Landscape Metrics into the Parametrization of Omniscape Models
P13. Historical constraints and telecoupled pressures jointly shape red panda persistence across Himalayan sky islands
P14. An Analysis of Protected Vegetation Communities and Spatial Trends of Protected Areas in Tennessee
P15. Ecological connectivity and habitat loss shape patterns of genetic diversity in a threatened salamander
P16. Using terrestrial lidar to accelerate the adoption of Ecological Forestry approaches in longleaf pine
P17. Understanding Impacts of Landscape Fragmentation on Grasslands Using Citizen Science Tools
P18. Torrents Away From Water: Geneflow of Cascade Torrent Salamanders Within a Watershed
P19. Identifying Cross-Scale Threats to North American Bats Using the Metacoupling Framework
P20. Fragmentation Metrics as Predictor Variables in Bayesian Models of Forest Health Indicators
P21. Coarse Spatial Resolution Misses Flash Drought Estimation in Oklahoma
P22. Bayesian approaches to forest dynamics modeling for landscape-scale forest management
P23. Hormones, Highways, and the Road Ahead: Genomic Insights into Behavior and Survival of South Texas Wild Cats
P24. Characterizing Former Agricultural Lands in Central Missouri using HLS and NLCD
P25. Vegetation structural arrangement across a volume gradient in dryland landscapes
P26. Scale Dependence of Camera Trap-Based Abundance Estimates in a Closed Savanna System
P27. Reforestation and Watershed-Scale Land Use Planning To Increase Ecosystem Services In Western North Carolina
P28. Are Early Life-History Traits the Key to Plant Invasions? Comparative Evidence from Native and Invasive <i>Impatiens</i>
P29. Habitat Prioritization for Northern Bobwhite
P31. Reference dataset collection and validation of Annual NLCD Collection 1
P32. Modernizing Rangeland Ecology With Drones: Understanding Relationships of Vegetation Structural Diversity and Gap Connectivity With Biocrust Cover Fraction at Jornada Experimental Range
P33. Assessing the Impacts of Watershed Urbanization on Stream Salamanders in Mecklenburg County, NC
P34. Subregional Distribution Modeling of the Lonestar Tick (<i>Amblyomma americanum</i>) in the Southwestern Piedmont of North Carolina
P36. Leveraging remote sensing to assess forest structure metrics for a biodiversity credit pilot in longleaf pine ecosystems
P37. Epizootic outbreaks in mammals and the role of protected areas in infectious disease dynamics.
P38. Landscape Changes and Management in Old Oyo National Park, Nigeria
P39. A Systems modeling approach to understanding spatial-temporal patterns of land degradation and restoration.
P40. Laser Scanning for 3D Landscapes: Advancing Monitoring, Management, and Fire Science
P42. Identifying Drought Refugia: Locating and Understanding Key Forage Resources in Non-Equilibrium Rangelands
P43. Landscape Features Influence Gene Flow and Population Structure at the Trailing Edge of a Declining Game Bird's Distribution
P44. Linking host, pathogen and environment: A multimodel framework for white-nose syndrome severity in hibernating bats
P45. Abandoned Semi-Natural Grasslands as a Biomass and Bioenergy Resource: The Role of Soil and Vegetation
P46. Using classification of the vertical structure of individual tree canopies to understand forest structure and successional status of Baltimore's urban forests
P47. Avian Density and Community Structure Along the Urban-Suburban Gradient in Chattahoochee River National Recreation Area
P48. Sentinel-2 Growth Proxies for Historical Dump Identification Within an Eastern Deciduous Forest
P49. Analysis of Ecological Impacts of a Stream Restoration on Riparian Vegetation in Baltimore County, Maryland
P50. SIMONA: Sky Island Mammals of North America

Monday Poster Session

P51. Patterns of Wildlife-Vehicle Collisions in South Texas and Their Relevance to Ocelot Conservation
P52. Impacts of climate change on high-elevation forest resilience to wildfire in the Southern Rockies, Colorado, USA
P53. Comparing Traditional and Novel In-Filling Strategies to Enhance Legacy Soil Data for Regional Modeling
P54. Contrasting diurnal impacts of vapor pressure deficit on water use efficiency in two semiarid steppe ecosystems
P55. Changes in Fire Regime at the Grand Canyon Parashant National Monument, Arizona
P56. Forested State Park Connectivity In The North Carolina Piedmont: Strategic Afforestation to Alleviate Urbanization Impacts on Ecosystem Services
P57. Bobcat and Canid Intraguild Competition at South Texas Wildlife Crossings
P58. Application of Surface Based Wildland Fire Behavior Measurements in Ecological Modeling
P59. Integrating Earth Observations and Economic Valuation to Assess Prescribed Fire Outcomes in Longleaf Pine Ecosystems through the Pine Ecosystem Carbon and Economics (PINECONE) System
P60. Mapping Forest Structure with a Multi-task and Multi-modal GEDI Transformer Fusion Leveraging Native-Resolution Earth Observation Data
P61. Hurricane phenology: Assessing how timing of leaf-off influences hurricane vulnerability in southeastern trees using terrestrial lidar
P62. Assessing Ecosystem Representation in U.S. Protected Areas Using High-Resolution Vegetation Mapping
P63. Kopjeing with Homogeneity: The Effect of Inselbergs (Kopjes) on Avian Diversity in the Serengeti National Park
P64. Agrivoltaics in Southern Great Plains Rangelands: Land Suitability and Climate-Driven Trade-offs
P65. Mining Crowdsourced Acoustic Experience In Social Media Data Using Large Multimodal Models
P66. A new meta-coupling framework to diagnose the inequity hidden in China's cultivated land use
P67. Conflict or Co-evolution? A Metacoupling Framework for Global Sustainable Land Use Using Earth Observations
P68. Landscape genetics of an iconic grassland bird: the Greater Prairie-Chicken

Tuesday Concurrent Presentations

	ATHENA AB	GRAND HALL 1	GRAND HALL 2	GRAND HALL 3	GRAND HALL 4	GRAND HALL 5
Track	S2. Remote Sensing Cont.	S7. Restoration Through Indigenous Knowledge...	S10. Now What? Science Partnerships Under Uncertainty...	S12. Ecological Niche and Species Distribution...	S1. Understanding Dynamic Change and Opportunities...	S5. Human-Nature Dynamics Cont.
10:00 AM	Spatial Controls on Weed Occurrence in an Agricultural Landscape: Integrating Surface and... <i>Madelyn Willis</i>	Listening to the Land: Indigenous Knowledge and the Restoration of Relationship <i>Gordon Yellowman</i>	Dynamics of partnerships in trail-based outdoor recreation from local to... <i>Anita Morzillo</i>	Mammalian distributions in the Anthropogenic landscape <i>Xiao Feng</i>	Quantifying wetland dynamics of MTA delta using deep learning and remote sensing... <i>Md Mozahidul Islam</i>	Metacoupled Impacts of International Food Trade on Global Land Use and Emissions <i>Joris Van Zeghbroeck</i>
10:20 AM	Utilizing LiDAR, Forest Inventory Data, and Landscape Ecology to Unveil Kentucky Forest... <i>Jian Yang</i>	City Revelation: Layering Cultural Voices with Physical Ecologies of the Land <i>Darin DeLay</i>	Applying Thematic Analysis to Identify Conservation Relationships for... <i>Kathryn Kahn</i>	The Importance of Microclimate and Spatial Scale for Salamander Distribution Models <i>Samuel Stickley</i>	Dynamic coastal change is influenced by ecological, geomorphic, and human interactions <i>Sara Zeigler</i>	Exploring the Influence of Soybean Trade Networks on Agricultural Expansion Across a... <i>Nicholas Manning</i>
10:40 AM	Constraining Leaf Area Sensitivity to Rising CO2 in Earth System Models <i>Gabriel Kooperman</i>	Designing with Story and Science: Ecological Restoration as a Living, Relational System <i>Jennifer Mahan</i>	Renewable Energy and Wildlife – Unlikely Collaborators on a Paradoxical Issue <i>La' Portia Perkins</i>	Bridging Science and Practice: Evaluating the Use of Species Distribution Models... <i>Ilona Naujokaitis-Lewis</i>	Parsing Long-term vs. Decadal Landcover Trends and Patterns of Change on Barrier... <i>Alexandra Evans</i>	Telecoupled Feed and Seed Systems of Carnivorous Fish Farming in the Tonle Sap... <i>Ryuju Okada</i>
11:00 AM	Scaling forest health observations to landscapes: Plot-based field protocols... <i>Molly French</i>	Ecological legacies of post-colonial land management: Māori vs non-Māori lands in... <i>Casey Hamilton</i>	Coproduction of future land cover and land use change scenarios for multiple use... <i>Rebecca Kariuki</i>	How Does Surface Urban Heat Island Intensity Affect Bird Abundance in the United States?... <i>Mingxuan Wan</i>	Early-warning indicators for tipping points in tidal wetlands: Pixel-scale risk mapping from satellite... <i>Nail Beisekenov</i>	Cascading Effects of the COVID-19 pandemic and the Russia–Ukraine War on Cropland Expansion... <i>Jimcheng Huang</i>
11:20 AM	Does forest host abundance predict defoliation or the frequency of... <i>Jane Foster</i>	Discussion	Integrating Agroecological Data Across Scales: A Framework from Field... <i>Christelle Basset</i>	Leveraging Joint Species Distribution Models to Explore Trait-Environment... <i>Jess Dong</i>	Barrier island state change: effect of landcover on island migration in a changing... <i>Julie Zinnert</i>	Grain to Gigabit: Trade Shocks and the Telecoupled Conversion of U.S. Cropland into AI... <i>Ren Cao</i>
11:40 AM	Plots, planes, and pixels: comparing and integrating datasets to improve forest... <i>David Bell</i>		Opportunities for science partnerships under uncertainty and change <i>Jelena Vukomanovic</i>	Forest-Dependent Species Projections May Overestimate Future Ranges by Overlooking... <i>Pratyush Jaishanker</i>	Science-Society-Policy Inclusive Spatial Planning for a Coastal Ecosystem Management <i>Kyung Ah Koo</i>	An AI-Enhanced Framework for Mapping Telecoupled Farming Networks and... <i>Byomkesh Talukder</i>

Wednesday Concurrent Presentations

	ATHENA AB	ATHENA CD	GRAND HALL 1	GRAND HALL 2	GRAND HALL 3	GRAND HALL 4	GRAND HALL 5
Track	S2. Remote Sensing Cont.	T6. Wildlife Ecology I	S3. Innovative approaches to connectivity...	S6. Acoustic and Soundscape Ecology...	S12. Ecological Niche and Species Distribution Cont.	T7. Fire Behavior and Impacts on the Landscape	S8. Integrative Approaches to Social-Ecological...
10:00 AM	Forty years of U.S. landscape change with the Annual National Land Cover Database <i>Christopher Barber</i>	Multiscale analysis of pheasant abundance shows spatiotemporal non-stationarity with regional context <i>Joseph Drake</i>	Connectivity products for meeting national, regional, and local management and planning objectives <i>Katherine Zeller</i>	Observer Learning of Bird Songs Biases Occupancy Estimates <i>Kevin Shaw</i>	Getting more out of data I: The importance of explicit considerations of sampling in models of ecological niche <i>Marlon E. Cobos</i>	Drivers and vegetative outcomes of small-scale fire refugia in southeastern longleaf pine (<i>Pinus palustris</i>) savanna <i>Victoria Donovan</i>	Social-ecological frameworks for understanding arid and semi-arid landscape systems: when does pattern matter? <i>Erica Smithwick</i>
10:20 AM	Landscape-level Forage Estimation in Rangelands <i>Mollie Kemp</i>	Wetland Type, Density, and Diversity Influence Breeding Season Mallard Settling Patterns <i>Sean Sutor</i>	Data-Driven Conservation Across Boundaries: Regional Connectivity Planning Across State Lines in Florida, Georgia, and Alabama <i>Asena Goren</i>	Link urban landscape morphology to soundscape perception <i>Xiaohao Yang</i>	Getting more out of data II: Moving ecological niche modeling away from long-term average values <i>A. Townsend Peterson</i>	Long-term, Large-scale Human Influences on the Spatial and Functional Persistence of a Threatened Pine Savanna Ecosystem <i>John Kupfer</i>	Modeling regenerative pathways for multifunctional landscapes under increasing environmental stressors <i>Susan Kotikot</i>
10:40 AM	Grassland bird habitat shifts in response to conservation delivery at the focal scale <i>Allison Dawn</i>	Does the spatial scale at which a species responds to features of the environment represent a species' trait? <i>Erica Stuber</i>	Refining the Florida Ecological Greenways Network and Florida Wildlife Corridor <i>Thomas Hoctor</i>	Exploring ARUs for monitoring birds; applications from individual identification to community estimates <i>Jared Elmore</i>	Multi-scale presence-only modeling with optimized scales of effect <i>Bill Peterman</i>	The impacts of forest fire severity on moth communities in Great Smoky Mountains National Park <i>Cailyn Haubein</i>	Integrating Remote Sensing and Community Co-Design to Understand Miombo Landscape Change: Teleconnection and Heterogeneity <i>Jessica Striley</i>
11:00 AM	Forest Trend Mapper: A Cloud Computing Tool for Tracking Landscape Change in Alaska's Boreal Forests <i>Sumana Sahoo</i>	Space Use and Resource Selection of Pinyon Jays (<i>Gymnorhinus cyanocephalus</i>) in the Colorado Plateau of Utah and northern New Mexico. <i>Hannah Wright</i>	Rights-of-Way as Connections and Barriers in Urban Wildlife Corridors <i>Mark Johnston</i>	Effect of Artificial Reef Enhancement on Vocal Fish Communities on the US Gulf Coast <i>Kayleigh Mazariegos</i>	Niche Divergence Plane: A Novel Approach to Explore Ecological Niche Divergence <i>Alfredo Ascanio</i>	Two Decades of Prescribed Fire Effects in Southern Appalachian Forest Communities <i>Katherine Jones</i>	Fuel treatments in the wildland-urban interface enhance fire safety with minimal effects on forest ecosystem services under 21st-century change <i>Kristin Brazianas</i>
11:20 AM	Beaver recolonization as a metacoupled process: deep-learning time-series mapping reveals hydrologic resilience to drought <i>Luwen Wan</i>	Landscape Context and Management Effects on Missouri Grassland Birds <i>Thomas Stevens</i>	Three-Dimensional Urban Built Form Metrics Enhance Species-Specific Ecological Connectivity Modeling for Urban Birds <i>Morgan Rogers</i>	Quantifying Avian Biodiversity Dynamics on Regenerative Farms Using Multi-Year Passive Acoustic Monitoring <i>John Quinn</i>	Testing Escalator-to-Extinction Theory Under High-Elevation Warming: Modest Downslope Redistribution in the Brown-capped Rosy-Finch <i>Reza Goljani Amirkhiz</i>	Fostering Landscape Resilience and Species Conservation in Frequent Fire Landscapes <i>Jeremy Rockweit</i>	Ecological Timescape: A Framework and Metrics for Quantifying Temporal Fragmentation <i>Ho Yi Wan</i>
11:40 AM		Navigating Barriers: Road Permeability and Bobcat Movement Strategies in South Texas <i>Sean Kiernan</i>	Identification of Conservation Priority Areas and Ecological Network Construction in the Greater Shangri-La Region, China <i>Jing Fu</i>	Listening to Working Landscapes: Precision Conservation and Long-Term Monitoring of Conservation Practices <i>Andrew Little</i>	Discussion	Fueling Fire Risk: How Cogongrass Invasion Alters Fire Behavior Across Seasons and Landscapes <i>Alan Ivory</i>	

Wednesday Concurrent Presentations

	ATHENA AB	ATHENA CD	GRAND HALL 1	GRAND HALL 2	GRAND HALL 3	GRAND HALL 4	GRAND HALL 5
Track	S2. Remote Sensing Cont.	T6. Wildlife Ecology I Cont.	S3. Innovative approaches to connectivity Cont.	S6. Acoustic and Soundscape Ecology Cont.	S12. Ecological Niche and Species Distribution Cont.	T10. Modeling	S4. Resilient Infrastructure and Nature-based...
1:30 PM	Aerial Imagery Classification Workflows for Programmatic... <i>Jackie Edinger</i>	The Residential Shield: Spatiotemporal Activity of Urban... <i>Geoffrey Miller</i>	A framework for assessing landscape connectivity in 3D <i>Amy Frazier</i>	Conceptualizing a 5-Components Framework Integrating... <i>Md Rifat Hossain</i>	Using large language models to address the bottleneck of georeferencing... <i>Yuyang Xie</i>	Compound disturbances are a rising threat to U.S. forests <i>Ryan O'Connell</i>	Permeable Planning: Resilience Flows Beyond Jurisdictional Boundaries <i>Lynn Abdouni</i>
1:50 PM	Disentangling impacts of compound extremes on forest carbon... <i>Anna Harper</i>	Dynamic Connectivity of an Urban Canid <i>Summer Fink</i>	Structural 3D landscape connectivity metrics for an urban... <i>Wenxin Yang</i>	Toward a Multi-Sensor Platform of Automated Lasers and Acoustic... <i>Sarah Grimes</i>	From Healthcare to Ecology: Transferring AI-Powered Schema Matching... <i>Joyce Ho</i>	Downscaling the Equilibrium Theory of Biodiversity Dynamics to... <i>Jordan Okie</i>	Sustaining Ecological Benefits and Water Infrastructure Resiliency through... <i>Katie Foster</i>
2:10 PM	Long-term Spatiotemporal Analysis of Forest Change Effects on... <i>Yichan Li</i>	Waterfowl move less in heterogeneous and human-populated... <i>Claire Teitelbaum</i>	Coastal Habitat Migration Corridors and Sea Level Rise Resiliency <i>Michael O'Brien</i>	Scale-dependent Bat Responses to Longleaf Pine Ecosystem... <i>Lauren Gingerella</i>	Conservation Planning with Explainable Species Distribution... <i>Lei Song</i>	Modeling Avian Responses to Surface Coal Mining in Appalachia <i>Tania Rojas</i>	Densification Without Degradation? Assessing ADU... <i>Amelie Davis</i>
2:30 PM	A framework to differentiate remotely sensed fire detections in the... <i>Melanie Taylor</i>	Spatially-Explicit Movement Models Improve Space Use Estimates for... <i>Cody Cox</i>	Evaluating Corridor Quality under Stochastic Movement Using... <i>Chao Wang</i>	Wildlife Diversity Within and Near Streamside... <i>Roxanne Pourshoushtari</i>	Discussion	Fragmentation and Fire Interact with Dispersal to Shape Biodiversity Across... <i>Emily Minor</i>	Transforming Parking Lot Landscapes for urban Heat Mitigation <i>Huidong Li</i>
2:50 PM	Tracking Phenological Differences among Tree Species using... <i>Liang Liang</i>		Considering consequences of landscape connectivity for... <i>Erin Buchholtz</i>	Discussion			Natural Asset Management is Asset Management: Evaluating Natural... <i>Zak Ruehman</i>
3:10 PM - COFFEE BREAK							
Track	S2. Remote Sensing Cont.		T11. Forest Ecosystem Change and Carbon...	T12. Ecosystem Management and Conservation Biology	S12. Ecological Niche and Species Distribution Cont.	T13. Biogeography	S4. Resilient Infrastructure Cont.
3:30 PM	Mapping Fuel Connectivity and Flow Accumulation to Optimize... <i>William Hargrove</i>		PnET-ForC-Succession, a new LANDIS-II extension that combines... <i>Matthew Garcia</i>	Comparing national, state, and local priorities to conserve 30% of the most... <i>Travis Belote</i>	Mapping plant taxonomic, phylogenetic, and functional.. <i>Xin Chen</i>	Functional macroecology and island biogeography of Caribbean Birds <i>Trevor Fristoe</i>	Revealing Hidden Connectivity Opportunities Beneath Roads... <i>Alejandra Gomez</i>
3:50 PM	Wildfire history and climate-sensitive probability at Isle Royale National... <i>Emily Mydlowski</i>		Landscape History and Biodiversity - Carbon Relationships in the Dry... <i>Kamana Pokhariya</i>	An Integrated Freshwater and Terrestrial Conservation... <i>Analie Barnett</i>	Using Spaceborne LiDAR in Species Distribution Models to Advance... <i>Simone Danisi</i>	Mammal matrices and canned carrion: comparative biogeography... <i>Kimberly Cook</i>	Intentional Design for Measured Biological Uplift in Hybrid Coastal... <i>Aliza Leit</i>
4:10 PM	CO2 emissions from tundra and boreal ecosystems recovering from... <i>Fernanda Santos</i>		Topoclimatic Controls and Landscape Patterns of Carbon-Dense... <i>Shiva Khanal</i>	Nationwide Assessment of African Swine Fever Control... <i>Kyung Ah Koo</i>	Machine Learning and Remote Sensing Wetland Vegetation Communities... <i>Aiyesha Ghani</i>	Biome and anthrome classification topologies applied at an ecoregional... <i>Robert Coulson</i>	Monitoring and Predicting Biodiversity Conservation... <i>Rabindra Parajuli</i>
4:30 PM	Modeling long-term vegetation recovery in the Okefenokee wetlands using... <i>Sara Whittier</i>		Spatial variation in oak population change across the eastern United... <i>Michelle Pretorius</i>	Habitat Characteristics and Nest Success of a First-Year Great... <i>Basbo Ayelazono</i>	Targeting Dengue: High-Resolution Mosquito Oviposition Risk... <i>Vanchy Li</i>	Testing the power-law nature of ecological networks across... <i>Luis Aguirre</i>	Scaling Up Levee Setbacks: A Multi-Criteria Spatial Prioritization Tool... <i>Alec Nelson</i>
4:50 PM	Rugged terrain enhances both resilience to... <i>Timon Keller</i>		Recurrent forest fires drive vegetation trajectories and invasion intensity... <i>Ajay Singh</i>	Monarch Butterfly Fine-Scale Roadkill Distribution, Habitat Use, and Roadkill... <i>James Tracy</i>	Discussion		Discussion
5:10 PM			Recent changes in size class representation of three common... <i>Karun Pandit</i>				