

2018 SCHEDULE



Thursday September 20th	6-7:15 pm 7:15-8:30 pm 8:30-10 pm	Registration Dinner (on own) Keynote Address and Welcome Evening Social	Georgia Center Around Athens Mahler Hall Little Kings Shuffle TBA
Friday September 21st	8-9:30 am 9-10:30 am 10:30-10:50 am 11 am-12 pm 12-2 pm 2-3:15 pm 3:15-3:30 pm 3:30-5:30 pm 7pm	Registration Panel Discussion: Interdisciplinary Pathways Coffee Break Session 1 Expressive Presentations Methods of Coexistence Conservation in Costa Rica Lunch (on own); Discussion Lunch with Dr. Jennie Miller @ GA Ctr Session 2 Creativity in Research Stories, Voices, & Narratives New Approaches Coffee Break Workshops Evening Social	Georgia Center Mahler Hall Atrium Breakout Rooms Room F+G Room J Room D Room D Breakout Rooms Room D Room F+G Room J Atrium Breakout Rooms TBA
Saturday September 22nd	9 am-12 pm 10 am-2 pm 10:15-10:45 am 12 pm-2 pm 2-3:15 pm 3:15-3:25 pm 3:25-4:30 pm 4:30-5:15 pm 5:15 pm-7 pm	Problem Solving Mini-Charrette Exhibitor Hall Coffee Break Lunch (on own) Session 3 Soft Data, Hard Science Resource Governance, Management, & Development Coffee Break Session 4 Water Resources & Governance Human Effects on Flora & Fauna Health Human-Wildlife Intersections Interpreting Science with Music: Short Performances Poster Session and Reception	Mahler Hall Atrium Atrium Breakout Rooms Room J Room F Atrium Breakout Rooms Room G Room F Room D Mahler Hall Atrium
Sunday September 23rd	8:00 am~1:30 pm	Tours and Fieldtrips	Around Athens

Session Details

Expressive Session	Room F+G	Friday 11am-12pm
The Role of Different Knowledge Types in Water Management in Ceará, Brazil Cydney Seigerman , Department of Anthropology, University of Georgia		
The Meaning of Birds: Exploring the Power of Nature's Intrinsic Value for Conservation Bianca Lopez & Christopher Field , National Socio-Environmental Synthesis Center (SESYNC)		
Use of Original Music and Karaoke Videos in Conservation Teaching. Gary Grossman , Warnell School of Forestry & Natural Resources, University of Georgia		
Methods of Coexistence: Approaches for Understanding and Mitigating Human-Wildlife Conflict	Room J	Friday 11am-12pm
Introduction to Human-Wildlife Conflict, Interdisciplinary Approaches, and Case Examples Jennie Miller , Defenders of Wildlife		
Sitting Comfortably across Methods: Experiences with Integrative Research on Human-Wildlife Interactions in Central India Daniel Read , Department of Anthropology, University of Georgia		
Ecology and Human Dimensions of Red Wolf Recovery: A Perspective from the Field Joseph Hinton , Warnell School of Forestry & Natural Resources, University of Georgia		
Applying Lessons from Wolf Management to an Australian Canid- the Importance of People Lily Van Eeden , The University of Sydney		
Conservation in Costa Rica	Room D	Friday 11am-12pm
Grassroots Reforestation Efforts in the Bellbird Biological Corridor: A Win-Win for People and the Environment? Katherine Brownson ^{1,2} and Elizabeth Guinessey ^{1,2} 1. International Alliances Program, National Audubon Society, Washington D.C., USA, 2. Odum School of Ecology, University of Georgia		
Fostering Integrative Conservation through Community-Engaged Research with Undergraduates Karen Allen , Earth & Environmental Sciences, Furman University		
The Role of Biological Corridors in Shaping Spatial Conservation Prioritization in Costa Rica Cody Cox and Dr. Nate Nibbelink, Warnell School of Forestry & Natural Resources, University of Georgia		
Can A Hunting Ban Build Environmentalism and Conserve Species in Communities Bordering Costa Rican National Parks? David M. Hoffman , Anthropology & Middle Eastern Cultures, Mississippi State University		
Creativity in Research	Room D	Friday 2-3:15pm
Understanding Perceptions of Forest-Dependent Communities: An Analysis of Preference and Use of Natural Resources in the Bayang-Mbó Wildlife Sanctuary, South West Region, Cameroon Jessica L. Delgado , Center for Environmental Policy, Bard College		
Can Wildlife Tourism Turn Good Intentions into Meaningful Actions? Jacqui Sadashige , Global Field Program, Miami University		
Voices of Women: Using Participatory Photovoice to Highlight Underrepresented Great Lakes Recreational Fisheries Stakeholders Erin M. Burkett , Department of Social Sciences, Michigan Technological University		
Stories, Voices, and Narratives	Room F+G	Friday 2-3:15pm
Using Narratives to Evaluate Collaboration in a Contentious Southern Appalachian National Forest Jonathan Hallemeier , Department of Anthropology, University of Georgia		
"We are in Between Stories": Teaching Conservation within its Deep Cultural Contexts Evan Eskew , EcoHealth Alliance		

Making Friends in the Anthropocene: Social Ties to Local Landscapes within the Nature Connection Movement

Jennifer DeMoss, Department of Anthropology, University of Georgia

How an Ecocentric View of Urban Nature can Benefit Both Conservation and People

Nyssa van Vierssen Trip, Environmental Studies, York University

New Approaches

Room J

Friday 2-3:15pm

Building Multi-scalar Synergies to Enhance Soil Conservation in Western Kenya

Richard B. Peterson¹, Raphael Kapiyo², Emily Campbell³, & Peter Nyabua⁴

1. Environmental Studies, University of New England 2. Maseno University 3. Office of Environmental Policy & Sustainability, City of Tacoma, WA 4. Nyando Development Community Center for Environmental Conservation

Latency in Problem Solving as Evidence for Learning in Varanid and Helodermatid Lizards, With Comments on Foraging Techniques

Taylor Cooper¹, Amanda Liew¹, Michael Young², & Joseph Mendelson^{1,3}

1. Georgia Institute of Technology 2. Kansas State University 3. Zoo Atlanta

A Paleontological Perspective on Conserving for Change

Jenny McGuire & Yue Wang, Georgia Institute of Technology

An Interdisciplinary Approach to Meerkat Management and Welfare

Megan Wilson¹ & Samuel Rivera²

1. Georgia State University 2. Zoo Atlanta

Soft Data, Hard Science

Room J

Saturday 2-3:15pm

Legacies of Land Use and the Future of Southeastern Maritime Live Oak Forests

Hannah Morris, Warnell School of Forestry & Natural Resources, University of Georgia

Land Management Agencies and the Question of Agency: Integrating Qualitative Research into Agent-Based Modeling

Jesse Abrams¹, Chris Bone², & Mike Nelson³

1. University of Georgia 2. University of Victoria, 3. University of Oregon

Vulnerability to Drought Analysis in Semiarid Areas: Study Case of Ceará, Brazil

Gabriela Reis Azevedo¹, **Francisco de Assis¹**, Francisco Souza Filho¹, & Donald Nelson²

1. Federal University of Ceará; 2. University of Georgia

An Ethnobotanical Analysis of Agave Harvest and Management and the Implications for Bat Conservation in Northeast Mexico

Kristen Lear¹, Laura German², Meredith Welch-Devine², Jeffrey Hepinstall-Cymerman¹, & Elizabeth King³

1. Warnell School of Forestry & Natural Resources, 2. Department of Anthropology, 3. Odum School of Ecology 1-3. University of Georgia

Resource Governance, Management, and Development

Room F

Saturday 2-3:15pm

Making Minga, Making Territory: Reflections of The Biocultural Territorial Development Process in the El Collay Commonwealth of Ecuador

Estefania Palacios, Department of Geography, University of Georgia

Public Versus Private Conservation: Environmental Justice and the Political Ecology of Racial Capitalism

Dean Hardy¹ & **Levi Van Sant²**

1. National Socio-Environmental Synthesis Center, 2. Georgia Southern University

Toward an Integrated Food, Energy, and Water (FEW) Research Agenda: A Meta-analysis.

Jacob Slattery & Kathleen E. Halverson, Department of Social Sciences, Michigan Technological University

Human Effects on Flora and Fauna Health

Room F

Saturday 3:25-4:30pm

Impacts of Land Use on Stress Hormones in the Endangered Grevy's Zebra (*Equus grevyi*)

Sara Heisel¹, Nathan P. Nibbelink², & Vanessa Ezenwa²

1. Odum School of Ecology, University of Georgia 2. University of Georgia,

Drivers and Effects of Coastal infrastructure on Genetic Diversity in a Salt Marsh Plant, *Spartina alterniflora*

Jeffrey Beauvais & James Byers, Odum School of Ecology, University of Georgia

An Island of Misfit Tortoises: Health and Survival of Waif Gopher Tortoises Following Translocation
Rebecca McKee^{1,2}, Kurt Buhlmann², James Dillman³, James Kesler³, Clinton Moore^{1,4}, Nicole Stacy⁵, & Tracey Tuberville²

1. Warnell School of Forestry & Natural Resources, Georgia Cooperative Fish & Wildlife Research Unit, University of Georgia
2. Savannah River Ecology Lab, University of Georgia 3. South Carolina Department of Natural Resources 4. US Geological Survey
5. College of Veterinary Medicine, University of Florida

Water Resources and Governance

Room
G

Saturday 3:25-4:30pm

Oconee Confluence Clean Water Fund and Watershed Advisory Committee

Cassidy Lord, Warnell School of Forestry & Natural Resources, University of Georgia

Socio-Ecological Resilience of Freshwater in Puerto Rico

Jessica Chappell¹, Elizabeth King¹, Kyle McKay², Laura German¹, Mary Freeman³, & Catherine Pringle¹

1. University of Georgia 2. Environmental Laboratory, U.S. Army Engineer Research & Development Center 3. US Geological Survey, Patuxent Wildlife Research Center

The Ontological Politics of Territorialization in Large-Scale Marine Protection in Rapa Nui (Easter Island, Chile)

Sarah Bess Jones Zigler & Dr. Lisa M. Campbell, Nicholas School of the Environment, Duke University

Application of a Local Indicator to Characterize the Vulnerability Factors to the Drought Impacts of the Agricultural Holdings in Forquilha Basin, Brazil

Sarra Kchouk¹, Eduardo Sávio Passos Rodrigues Martins^{1,2}, & Julien Burte³

1. Foundation Cearense for Meteorology & Water Resources (Funceme) 2. Federal University of Ceará 3. French Agricultural Research Centre for International Development (CIRAD)

Human-Wildlife Intersections

Room D

Saturday 3:25-4:30pm

Sharing the Savannah: Patterns of Human and Elephant Hardwood Resource Utilization

Lauren Redmore^{1,2}, Erin Buchholtz^{1,2}, Amanda Stronza^{1,2}, Lee Fitzgerald¹, Anna Songhurst^{2,3}, & Graham McCulloch^{2,3}

1. Texas A&M, Applied Biodiversity Sciences Program 2. Ecoexist Project 3. Oxford University

Living with Giants: Direct and Indirect Impacts of Human-Elephant Conflict in Myanmar

Christie Sampson^{1,2}, Shari Rodriguez¹, & Peter Leimgruber²

1. Clemson University 2. Smithsonian Conservation Biology Institute

The Illegal Pet Trade of the Great Green Macaw

Samantha Sullivan, Miami University

Poster Session

Hill
Atrium

Saturday 5:15-7:15pm

A Community Survey of Symbiotic Mine Site Fungi along a Gradient of Land-Use History and Pollution Intensity

Eudora Miao, Nicholas School of the Environment, Duke University

Assessing the Direct and Indirect Impacts of Predator Conflict in Kanha National Park, India

Diane Dotson & Dr. Shari Rodriguez, Forestry & Environmental Conservation Department, Clemson University

Flint River Conservation Evaluation and Assessment

Sara Gottlieb, Georgia Chapter of The Nature Conservancy

Understanding Community Values and Conservation Actions Through Interviews and Photovoice in the Bellbird Biological Corridor, Costa Rica

Sophia Pessagno & Celia Castellano, Earth & Environmental Sciences, Furman University

Valuing Environmental Amenities in Greenville County, SC: An Analysis of Revealed Housing Preferences

Joe Hiebert, Earth & Environmental Sciences, Furman University

Insects and Community Conservation in the Ecuadorian Amazon

Louisiana Lightsey, Department of Anthropology, University of Georgia

Local Projects, Global Solutions: Student Capstones for the Sustainability Certificate at UGA

Ron Balthazor & Melissa Ray, Sustainability Certificate, University of Georgia

WORKSHOPS

FRIDAY, 4:30PM-6:30PM

Communicating Research

Presented by Bryan Bozeman, Micah Miles, and Alec Nelson, Integrative Conservation PhD Program, University of Georgia

Mahler Hall

Collaboration “Speed Networking”

Facilitated by Sarah Horsley, Integrative Conservation PhD Program, University of Georgia

Room C

Improving Cross-disciplinary Communication: An Introduction to the Toolbox Dialogue Method

Presented by Michael O'Rourke, Interim Director, and Marisa A. Rinkus, Postdoctoral Research Associate, Center for Interdisciplinarity, Michigan State University

Room F

Arts and the Environment

Presented by Mark Callahan, Ideas for Creative Exploration (ICE) and Emily Horton, Integrative Conservation PhD Program, University of Georgia

Room D

Intro to Structured Decision Making

Presented by Dr. Clint Moore, Warnell School of Forestry and Natural Resources, Angela Hsiung, and Jessica Chappell, Integrative Conservation PhD Program, University of Georgia

Room Q

Community Mapping and GIS

Presented by Dr. Jerry Shannon, UGA Community Mapping Lab Director, Dorris Scott, Michelle Evans, and Mariana Alfonso Fragomeni, University of Georgia

Room J

MINI-CHARRETTE

SATURDAY, 9AM-12PM

At the rapid-pace, brainstorming mini-charrette, conference attendees will form interdisciplinary teams to combine their skills, knowledge, and approaches to problem-solving to examine a socio-ecological issue. This year's mini-charrette focuses on issues within a complex system of shrimp fisheries, Black Gill disease, regulation, economics, and livelihoods on the Georgia Coast. The mini-charrette is in part an exercise in brainstorming, concept mapping, working in interdisciplinary teams, and integrating diverse approaches to science and problem-solving. However, the mini-charrette also aims to produce novel ideas that contribute to a research agenda that may enhance efforts for both sustaining human livelihoods and preserving ecological systems. Participants will enjoy a fast-paced, fun, and creative exercise that allows opportunities to work in a team with other conference attendees and learn the myriad ways of “thinking and doing” in conservation science.

Interdisciplinary Pathways

Panel Discussion | 9:00-10:30am, Mahler Hall



Jennie Miller, PhD

Senior Scientist, Defenders of Wildlife

Dr. Jennie Miller is a wildlife ecologist and conservation scientist whose work focuses on understanding the socio-ecological drivers of human-wildlife interactions and developing tools for management and policy decision-makers to transform conflict into coexistence. She has worked in North America, Asia, and Africa on a range of species, including wolves, tigers, leopards, and lions.

Jonathan Kramer, PhD

Director for Interdisciplinary Science, National Socio-Ecological Synthesis Center (SESYNC)

At SESYNC, Dr. Jonathan Kramer focuses on the design of programs and the use of facilitation to advance synthesis-based research that can inform problem solving around socio-environmental issues. His work includes the development and use of effective practices that help interdisciplinary teams of scientists and others work effectively together.

Rebecca Lave, PhD

Associate Professor, Indiana University

Dr. Rebecca Lave is an Associate Professor in Geography at Indiana University. She has published in journals ranging from *Science* to *Social Studies of Science* and is the author of *Fields and Streams* (2012), a book about the political economy of stream restoration in the US and the construction of environmental expertise. Her current research combines social and physical science to study agricultural nonpoint source pollution in the US Midwest.

Rita Mesquita, PhD

Senior Researcher, INPA

Rita Mesquita has lived in Manaus, Amazonas, Brazil for the past 34 years & is a senior researcher with the Brazilian National Institute for Research in the Amazon (INPA) since 2000. She holds a Ph.D. in Ecology from the University of Georgia. Her research is on natural regeneration of degraded areas of the Amazon, working mainly on secondary vegetation dynamics. She worked for the State of Amazonas Government from 2004-2008 & took part in some of the most relevant public policies for nature conservation. At present she is dedicated to scientific popularization & coordinates INPA's Extension & Outreach Programs.

Keynote Address



Dr. Jonathan Kramer on Practicing Interdisciplinary Research

Mahler Hall at the Georgia Center
Thursday, September 20th, 2018
7:15 PM
Reception to follow