



 AMERICAN MUSEUM OF NATURAL HISTORY

**Student Conference on
Conservation Science
New York**

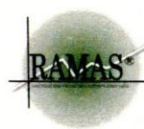
October 11-14, 2011

 AMERICAN MUSEUM OF NATURAL HISTORY

**STUDENT CONFERENCE ON CONSERVATION SCIENCE
NEW YORK (SCCS-NY)
OCTOBER 11-14, 2011**

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Full abstracts and links are available on the SCCS-NY website:
<http://symposia.cbc.amnh.org/sccsny/>





AMERICAN MUSEUM OF NATURAL HISTORY

STUDENT CONFERENCE ON CONSERVATION SCIENCE NEW YORK (SCCS-NY) OCTOBER 11-14, 2011

The Student Conference on Conservation Science-New York 2011 (SCCS-NY) is sponsored by the American Museum of Natural History's Center for Biodiversity and Conservation in collaboration with the Yale School of Forestry and Environmental Studies; Columbia University Earth Institute; Fordham University Graduate School of Arts and Sciences; Princeton University; and the University of Cambridge. Partner institutions include Columbia University Department of Ecology, Evolution, and Environmental Biology; Wildlife Conservation Society; EcoHealth Alliance; Smithsonian-Mason Global Conservation studies Programs; Bard Center for Environmental Policy; Stony Brook University; University of Connecticut; City University of New York; New York City Audubon Society; Rutgers University; SUNY-Environmental Science and Forestry; International Union for Conservation of Nature (IUCN); Applied Biomathematics, Inc.; and the AMNH Richard Gilder Graduate School.

The Student Conference on Conservation Science (SCCS) is the only international conference designed for graduate students, post-doctoral fellows, and early-career professionals pursuing or considering the field of conservation science. Interactions with established conservationists encourage collaborations, and advance research.

SCCS-New York is a sister conference to the highly successful SCCS-Cambridge, begun in 2000 by the University of Cambridge, and SCCS-Bangalore developed in 2010.

In conjunction with SCCS-NY, the American Museum of Natural History is proud to host the *Mack Lipkin Man and Nature Series* panel discussion, which was established in honor of the late physician, Dr. Mack Lipkin, Sr., by his many friends and admirers. Dr. Lipkin was a gentle and powerful force who dedicated his life and career to advancing the most humane and caring practice of medicine.

The Center for Biodiversity and Conservation is grateful to Museum Trustee Vivian Donnelley and her daughters for their generous support of this conference.

For their significant role in shaping the form and content of this conference, we especially wish to acknowledge the SCCS-NY's many advisors, reviewers, and mentors, who are named in the back of this program.

SCCS-NY Content Coordinators:

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Fiona Brady

Logistics Support:

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Program Designer:

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Margaret Law

TUESDAY, OCTOBER 11

1:00 pm	Pre-Conference Registration (Grand Gallery, 77 th Street Lobby)	
	Workshop Session I	
2:00 pm	Expanding Your Teaching Toolbox: An Introduction to Active and Scientific Teaching (3 hrs) (Sackler Lab, 1 st floor)	Led by: Ana Luz Porzecanski , Associate Director for Capacity Development and NCEP Project Director, Center for Biodiversity and Conservation, American Museum of Natural History; and Martha Groom , Professor, University of Washington Bothell, and Adjunct Professor, University of Washington
	Conflicts About Wildlife: Is the Next Generation of Conservation Scientists Prepared? (90 min) (Professional Development Room No. 2, 2 nd floor)	Led by: Leo R. Douglas , Center for Biodiversity and Conservation, American Museum of Natural History; and Adjunct Lecturer, Department of Ecology, Evolution, and Environmental Biology, Columbia University
3:35 pm	Managing Ecosystem Services for Conservation and Poverty Reduction (90 min) (Professional Development Room No. 2, 2 nd floor)	Led by: Jane Carter Ingram , Lead, Ecosystem Services/Payments for Ecosystem Services, Wildlife Conservation Society; and Adjunct Associate Research Scientist, Center for Environmental Research and Conservation, Earth Institute, Columbia University

5:30 pm **Film and Discussion** (Kaufmann / Linder Theaters)

Green Fire: Aldo Leopold and a Land Ethic for Our Time

This poignant documentary follows the professional and personal life of Aldo Leopold, widely regarded as the 20th Century's most important conservationist and a central figure in the development of environmental ethics. "Green Fire" shares intimate details of his loving relationship with his wife and children, centering around their exploration of nature. The film highlights Leopold's extraordinary career, revealing how he shaped the debates within the conservation community and continues to inspire people today. The screening will be followed by a discussion with the film's co-director **Steven Dunsky**; **Brooke Hecht**, President of the Center for Humans and Nature; **Curt Meine**, Director of Conservation Biology and History at the Center for Humans and Nature; and **Eleanor J. Sterling**, Director of the Center for Biodiversity and Conservation at the American Museum of Natural History.

S C C S - N Y A G E N D A

WEDNESDAY, OCTOBER 12

8:00 am	Breakfast and Registration (Grand Gallery, 77 th Street Lobby)	
	Welcome and Introduction (Kauffman / Linder Theaters)	
9:00 am	Eleanor J. Sterling Director, Center for Biodiversity and Conservation, American Museum of Natural History	
	Plenary Address: Robin Chazdon Professor, Department of Ecology and Evolutionary Biology, University of Connecticut	Ten Reasons Why Conservation Biologists Should Value Tropical Regrowth Forests
	Talk Session: Conservation in Human-Modified Landscapes (Part I) (Kauffman / Linder Theaters)	
10:05 am	Session Chair: David Skelly Professor of Ecology and Associate Dean for Research, Yale School of Forestry and Environmental Studies	
	Matthias Rös Instituto de Ecologia, A.C., Mexico	Beta Diversity of Dung Beetles in Human Modified Landscapes
	Maria Jose La Rota-Aguilera University of Texas at Austin	Birds in Coffee Agroecosystems and Habitat Fragmentation
	Robert Denton Eastern Kentucky University	Evaluation of Amphibian Communities in Constructed Ponds
11:10 am	Break (Powerhouse, 2 nd floor)	
	Talk Session: Conservation in Human-Modified Landscapes (Part II) (Kauffman / Linder Theaters)	
11:45 am	Session Chair: David Skelly Professor of Ecology and Associate Dean for Research, Yale School of Forestry and Environmental Studies	
	Nicole Michel Tulane University	Indirect Effects of Fragmentation Limit Rainforest Birds
	Jessica Schnell Rutgers University	Metrics Linking Fragmentation to Extinction at Large Scales
	Gwen Iacona University of Tennessee Knoxville	Can We Predict the Cost of Invasion in a Protected Area?
12:35 pm	Group Photo	
12:50 pm	Lunch: Mentor-Hosted Tables (Powerhouse, 2 nd floor)	

Speed Talk Session: Conservation in Managed Landscapes (Kaufmann / Linder Theaters)															
2:30 pm	<p>Session Chair: Michael J. Foster Education Coordinator, American Museum of Natural History</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Georgina Cullman Columbia University and American Museum of Natural History</td> <td style="width: 50%;">Conservation Value of Community Lands in NE Madagascar</td> </tr> <tr> <td>Jonas Geldmann University of Copenhagen, Denmark</td> <td>Effectiveness of Protected Areas in Maintaining Biodiversity</td> </tr> <tr> <td>Catherine González Pontificia Universidad Católica de Chile</td> <td>Connectivity Under Alternative Models of Marine Conservation</td> </tr> <tr> <td>Darcey Iwashita University of Hawai'i at Manoa</td> <td>Review of Solutions to Population Growth and Climate Change</td> </tr> <tr> <td>Temitope Kehinde Stellenbosch University, South Africa</td> <td>Organic Vineyard Management Supports Insect-Flower Networks</td> </tr> <tr> <td>Jessica Rosen Bioersity International, Italy</td> <td>Bridging Natural and Managed Landscapes in Cuban MAB Reserves</td> </tr> <tr> <td>Rebecca McKay Steinberg Yale University</td> <td>Rodenticide Use and Non-Target Impacts in an Urban Ecosystem</td> </tr> </table>	Georgina Cullman Columbia University and American Museum of Natural History	Conservation Value of Community Lands in NE Madagascar	Jonas Geldmann University of Copenhagen, Denmark	Effectiveness of Protected Areas in Maintaining Biodiversity	Catherine González Pontificia Universidad Católica de Chile	Connectivity Under Alternative Models of Marine Conservation	Darcey Iwashita University of Hawai'i at Manoa	Review of Solutions to Population Growth and Climate Change	Temitope Kehinde Stellenbosch University, South Africa	Organic Vineyard Management Supports Insect-Flower Networks	Jessica Rosen Bioersity International, Italy	Bridging Natural and Managed Landscapes in Cuban MAB Reserves	Rebecca McKay Steinberg Yale University	Rodenticide Use and Non-Target Impacts in an Urban Ecosystem
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3:10 pm	Speed-Talk Discussion (Kaufmann Theater) and Break (Shell Corridor, 1 st floor)														
Talk Session: Ecosystem Conservation and Policy (Kaufmann / Linder Theaters)															
3:45 pm	<p>Session Chair: Joel Cracraft Chair, Division of Vertebrate Zoology, Lamont Curator and Curator-in-Charge, Department of Ornithology, American Museum of Natural History</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Erica Pohnan Yale University</td> <td style="width: 50%;">Adapting Forest Restoration Approaches to Local Contexts</td> </tr> <tr> <td>Karine Princé Muséum National d'Histoire Naturelle, France</td> <td>Predicting Impacts of Agriculture Evolution on Biodiversity</td> </tr> <tr> <td>Konstantine J. Rountos Stony Brook University</td> <td>Global Importance of Forage Fish to Fisheries and Ecosystems</td> </tr> <tr> <td>Christopher Free International Institute of Tropical Forestry</td> <td>Mahogany Population Dynamics: Implications for International Trade</td> </tr> </table>	Erica Pohnan Yale University	Adapting Forest Restoration Approaches to Local Contexts	Karine Princé Muséum National d'Histoire Naturelle, France	Predicting Impacts of Agriculture Evolution on Biodiversity	Konstantine J. Rountos Stony Brook University	Global Importance of Forage Fish to Fisheries and Ecosystems	Christopher Free International Institute of Tropical Forestry	Mahogany Population Dynamics: Implications for International Trade						
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4:50 pm	Poster Session / Reception (Powerhouse, 2 nd floor)														

7:00 pm

This Year in Conservation: A Panel Discussion

2011 Mack Lipkin Man and Nature Series

(Kaufmann / Linder Theaters)

Four conservation professionals explore the important events, milestones, and innovations that have challenged and inspired conservation action on the world stage and in their own careers. Introduced by **Michael J. Novacek**, Senior Vice President, Provost of Science at the American Museum of Natural History, the evening's panelists include:

Gabriela Chavarria

Science Advisor to the Director, U.S. Fish and Wildlife Service

Christopher E. Filardi

Director of Pacific Programs, Center for Biodiversity and Conservation, American Museum of Natural History

Eleanor J. Sterling (Moderator)

Director, Center for Biodiversity and Conservation, American Museum of Natural History

Erika Zavaleta

Assistant Professor of Environmental Studies, University of California, Santa Cruz

The *Mack Lipkin Man and Nature Series* was established in honor of Dr. Mack Lipkin, Sr., by his many friends and admirers. Dr. Lipkin was a physician who was a gentle and powerful force towards advancing the most humane and caring practices of medicine.

S C C S - N Y A G E N D A

THURSDAY, OCTOBER 13

8:00 am	Breakfast and Registration (Grand Gallery, 77 th Street Lobby)	
	Introduction (Kaufmann / Linder Theaters)	
9:00 am	Plenary Address: Christopher E. Filardi	Why Natural History Matters
	Director of Pacific Programs, Center for Biodiversity and Conservation, American Museum of Natural History	
	Talk Session: Conservation and Climate Change (Kaufmann / Linder Theaters)	
9:55 am	Session Chair: Eban Goodstein	
	Director, Bard Center for Environmental Policy, Bard College	
	Meha Jain Columbia University	Agricultural Adaptation to Climate Variability
	Patrick Jantz Woods Hole Research Center	Climate Mitigation and Corridors for Chimpanzees in Uganda
	Kendra Mack Yale University	Environmental Predictors of Forest Presence and Consumption
	Nicole Wilson Cornell University	Rethinking Climate Change Adaptation
11:00 am	Break (Powerhouse, 2 nd floor)	
	Talk Session: Socio-Economic Dimensions of Conservation (Kaufmann / Linder Theaters)	
11:35 am	Session Chair: Catherine Christen	
	Graduate/Professional Training Manager, Center for Conservation Education and Sustainability, Smithsonian Conservation Biology Institute	
	Emma Johnson University of California, San Diego	Time, History, and Narrative at the Tijuana River Estuary
	Jessica Daniel Duke University	Island Conservation: A Community Based Approach in Utila, Honduras
	Angela Guerrero Gonzalez University of Queensland, Australia	Scale Mismatches and the Role of Social Networks
	Clare Gupta University of California, Berkeley	People-Park Relations around Chobe National Park, Botswana
	Geoff Kelley University of Georgia, Athens	Conservation Across Boundaries in the Big Bend Borderlands
	Rachel Nuwer University of East Anglia, England, and New York University	Threats to Biodiversity in the U Minh Peat Swamps, Vietnam
1:15 pm	Lunch: Mentor-Hosted Tables (Powerhouse, 2 nd floor)	

Speed Talk Session: Understanding and Managing Species Interaction (Kaufmann / Linder Theaters)															
3:00 pm	<p>Session Chair: Sir Peter Crane Carl W. Knobloch, Jr., Dean, Yale School of Forestry and Environmental Studies, and Professor of Botany, Yale University</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Sarah Kornbluth Rutgers University</td> <td style="width: 50%;">Quantifying Native Bee Pollination Services in Fruit Crops</td> </tr> <tr> <td>Daniel S. Song University of Pennsylvania</td> <td>Plants and Pollinators: Know Your (Functional) Role!</td> </tr> <tr> <td>Binbin Li University of Michigan, Ann Arbor</td> <td>The Study of Faunal Diversity in Japanese Larch Plantation</td> </tr> <tr> <td>Austin Gallagher University of Miami</td> <td>Stressed Sharks: Modeling Better Catch and Release Fishing</td> </tr> <tr> <td>Jennifer Mortensen Tufts University</td> <td>Can Social Behaviors Protect Populations from Extinction?</td> </tr> <tr> <td>Samantha Attwood Yale University</td> <td>Frog Defense: Does Amphibian Skin Protect from Extinction?</td> </tr> <tr> <td>Amanda Rugenski Southern Illinois University</td> <td>Are Amphibian Declines Altering Stream Ecosystem Processes?</td> </tr> </table>	Sarah Kornbluth Rutgers University	Quantifying Native Bee Pollination Services in Fruit Crops	Daniel S. Song University of Pennsylvania	Plants and Pollinators: Know Your (Functional) Role!	Binbin Li University of Michigan, Ann Arbor	The Study of Faunal Diversity in Japanese Larch Plantation	Austin Gallagher University of Miami	Stressed Sharks: Modeling Better Catch and Release Fishing	Jennifer Mortensen Tufts University	Can Social Behaviors Protect Populations from Extinction?	Samantha Attwood Yale University	Frog Defense: Does Amphibian Skin Protect from Extinction?	Amanda Rugenski Southern Illinois University	Are Amphibian Declines Altering Stream Ecosystem Processes?
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5:30 pm	Poster Session / Career Fair / Reception (Powerhouse, 2 nd floor)														

S C C S - N Y A G E N D A

FRIDAY, OCTOBER 14	
8:00 am	Breakfast and Registration (Grand Gallery, 77 th Street Lobby)
	Introduction (Kaufmann / Linder Theaters)
9:00 am	Plenary Address: Erica Zavaleta Contributing to Effective Conservation Assistant Professor, Environmental Studies, as a Scientist University of California, Santa Cruz
	Speed Talk Topic: Challenges and Innovations in Species Conservation (Kaufmann / Linder Theaters)
9:55 am	Session Chair: George Amato Director, Sackler Institute for Comparative Genomics, American Museum of Natural History
	Claudia Wultsch Noninvasive Tracking of Jaguars (<i>Panthera onca</i>) Virginia Tech in Belize
	Brooke Kelly Palmyra Atoll Green Turtle Foraging Ecology Columbia University
	Tiwonge Mzumara Status and Viability of the Lilian's Lovebird in Museum of Malawi, Blantyre, Malawi Malawi
	Thomas Radzio Low Compliance with a Bycatch Regulation Drexel University Threatens Terrapins
	Taza Schaming Use of Occupancy Surveys to Monitor Clark's Cornell University Nutcrackers
	Maria Wheeler Pre- and Post-Reintroduction Genetics of Duquesne University Golden Eagles
10:30 am	Speed-Talk Discussion (Kaufmann Theater) and Break (Shell Corridor, 1 st floor)
	Talk Session: Species Ecology and Conservation (Kaufmann / Linder Theaters)
11:05 am	Session Chair: Ana Luz Porzecanski Associate Director for Capacity Development and NCEP Project Director, Center for Biodiversity and Conservation, American Museum of Natural History
	Julie Rushmore Behavioral Determinants of Disease University of Georgia, Athens Transmission in Wild Apes
	Sarah Hansen Abundance Estimation of Coyote Populations State University of New York in New York State
	Rodrigo Vergara Conservation Based on Neutral and Adaptive University of Florida Genetic Variation
	Tali Magory Cohen An Ecological and Genetic Study of Eurasian The Hebrew University of Jerusalem, Israel Otters in Israel
	Elizabeth Hunter Galápagos Giant Tortoises as Ecological Analogs State University of New York
	Aaron Aunins Genetic Evaluation of American Shad Virginia Commonwealth University Restoration Success
12:45 pm	Lunch: Mentor-Hosted Tables (Powerhouse, 2 nd floor)

Workshop Session II		
2:15 pm	Modeling Ecological Risk with RAMAS Metapop Software (Sackler Lab, 1 st floor)	Led by: Nicholas A. Friedenberg and Kevin Shoemaker , Applied Biomathematics
	Conflicts about Wildlife: Is the Next Generation of Conservation Scientists Prepared? (90 min) (Kaufmann Theater, 1 st floor)	Led by: Leo R. Douglas , Center for Biodiversity and Conservation, American Museum of Natural History; and Adjunct Lecturer, Columbia University
	Advances in Monitoring and Quantitative Ecology in Conservation Science (Professional Development Room No. 1, 2 nd floor)	Led by: Benjamin Zuckerberg , Assistant Professor, University of Wisconsin, Madison; James P. Gibbs , Professor and Associate Chair, State University of New York; and Wesley Hochachka , Senior Research Associate, Cornell Lab of Ornithology
	An Introduction to Adaptive Management - Practical Training for Tomorrow's Leaders in Conservation (Professional Development Room No. 2, 2 nd floor)	Led by: Vinaya Swaminathan , Program Officer, Foundations of Success
	Modeling Ecological Niches and Geographic Distributions: What, Why, and How? (Linder Theater, 1 st floor)	Led by: Richard Pearson , Director, Biodiversity Informatics Research, Center for Biodiversity and Conservation, American Museum of Natural History
3:50 pm	The Two Most Important Things You Ever Do: Harmonizing Family and Career (Kaufmann Theater, 1 st floor)	Led by: Erica Zavaleta , Assistant Professor, Environmental Studies, University of California, Santa Cruz
	Advances in Monitoring and Quantitative Ecology in Conservation Science (cont.) (Professional Development Room No. 1, 2 nd floor)	Led by: Benjamin Zuckerberg , James P. Gibbs , and Wesley Hochachka
	An Introduction to Adaptive Management - Practical Training for Tomorrow's Leaders in Conservation (cont.) (Professional Development Room No. 2, 2 nd floor)	Led by: Vinaya Swaminathan
	Modeling Ecological Niches and Geographic Distributions: What, Why and How? (cont.) (Linder Theater, 1 st floor)	Led by: Richard Pearson
	Awards and Closing (Kaufmann / Linder Theaters)	
5:20 pm		
6:00 pm	Adjourn	

ROBIN L. CHAZDON

Professor, Department of Ecology and Evolutionary Biology, University of Connecticut

TEN REASONS WHY CONSERVATION BIOLOGISTS SHOULD VALUE TROPICAL REGROWTH FORESTS

Tropical regrowth forests establish after original forest cover is removed due to large-scale natural disturbances, clear-cutting, or abandonment of agriculture. Although tropical regrowth forests cannot replace old-growth forests, they can provide diverse ecosystem services and support a wide array of biodiversity. But regrowth forests are often cleared for agricultural use after only 5–10 years, and are considered to have little or no conservation value. I argue that regrowth forests can play an important conservation role, particularly in fragmented tropical landscapes. I discuss ten reasons why conservation biologists should value tropical regrowth forests, with examples from tropical regions around the world. Regrowth forests can:

1. Provide critical habitats and resources for wildlife, forest specialists, and generalists
2. Serve as buffer zones for small old-growth fragments
3. Reduce edge effects following forest fragmentation
4. Serve as biological corridors to link previously isolated old-growth forest fragments
5. Sequester carbon and restore soil fertility
6. Protect watersheds and stabilize riparian zones
7. Supply forest products that otherwise would be harvested from old-growth forests
8. Provide information on regeneration of local tree species that are appropriate for reforestation
9. Provide sites for ecotourism and for community-based conservation projects
10. Provide essential ecological information on species life history, ecosystem recovery, and community assembly.

Conservation biologists can promote regeneration of forests as alternative land-use options with short- and long-term economic benefits for local people. Protection of young regrowth forests should be an integral component of sustainable development, landscape conservation, reforestation, and restoration programs.

CHRISTOPHER E. FILARDI

Director, Pacific Programs, Center for Biodiversity and Conservation, American Museum of Natural History

WHY NATURAL HISTORY MATTERS

Over the past century, conservation practice has shifted from being driven by aesthetics to being rooted in science. As an outcome, conservation science—or the pursuit of scientific inquiry in response to shared values such as biodiversity is good or human-caused extinction is bad—has moved to the forefront of conservation practice. However, despite the power of quality science to quantify our impact on living systems, we often struggle to integrate our best science into real world decision-making. This talk will focus on how basic natural history—the act of recording observations of the living world—can sometimes play an important role in legitimizing the analytical power of science across diverse people who are making decisions that impact our conservation outcomes. Using a long-term grizzly bear monitoring program developed in partnership with Canadian First Nations as an example, this talk will discuss several ways that natural history can matter to conservation scientists:

1. Natural history information often exists or is technically simple to produce.
2. Natural history localizes the biological issues surrounding conservation.
3. Natural history can provide an entry point for diverse people to ask meaningful scientific questions.
4. By empirically capturing intimacy with place, natural history can frame biodiversity conservation in ways that transform conflict into compromise.

As a community, conservation scientists can invest in basic natural history skills and practice to improve our impact on what really matters most – giving our science a voice.

ERIKA ZAVALITA

Assistant Professor, Environmental Studies, University of California, Santa Cruz

CONTRIBUTING TO EFFECTIVE CONSERVATION AS A SCIENTIST

Most of us come to conservation science because we want to make real contributions to protecting biodiversity. How does that actually happen? There are many pathways to making meaningful scientific contributions to conservation. However, as a field we need more of a few key elements:

1. Synthesis and meta-analysis to catalyze new conservation approaches. Most conservation practitioners have little time to read research, but many enthusiastically wield insights they glean from concise syntheses of key areas.
2. Interdisciplinary collaborations and the proficiency to make them succeed. Conservation science has begun to transcend biology and to incorporate policy and legal scholars, economists, anthropologists, and researchers from other fields. But to do this most effectively, we need more consistent, basic interdisciplinary training and practice with the collaborative process.
3. Cross-sector engagement and borrowing. Conservation science has the best shot at meaningful influence if scientists understand the institutions that implement and fund conservation action. Moreover, conservation can apply insights from other sectors with strong traditions of science-based practice and outcome-based evaluation, from public health to marketing.
4. Relevance. We always need data to assess how to conserve biodiversity, but whether and why to conserve it are not strictly biophysical data questions. We most need to know how diverse people outside conservation answer these questions – so that we can address their motivations as well as our own.

(IN ALPHABETICAL ORDER BY PRESENTER'S LAST NAME)

Meghna Agarwala

Columbia University

MAPPING FOREST DEGRADATION IN TROPICAL
DECIDUOUS FORESTS

Patrick Albers

Université de Montpellier 2, France

TRADITIONAL CULTIVATION OF WILD YAM
IN VANUATU

Karen Allen

University of Georgia

EXURBANIZATION NEAR PROTECTED AREAS
IN COSTA RICA

Juan C. Alvarez-Yepiz

State University of New York

THE ROLE OF FACILITATION IN THE
PERSISTENCE OF CYCADS

Maria Amin

City College of New York

CLIMATIC SPACES OF BRAZIL'S ATLANTIC
FOREST RESERVES

Hannah Bement

Yale University

ENDOCRINE DISRUPTING CHEMICALS & WILD
AMPHIBIAN REPRODUCTION

Rachel Bricklin

Fordham University

STOPOVER BIOLOGY OF MIGRATORY BIRDS:
URBAN VS. RURAL PARKS

Karlisa A. Callwood

University of Miami

POLICY IMPLICATIONS OF LARVAL DISPERSAL
BY PANULIRUS ARGUS

Jennifer Costanza

North Carolina State University, Raleigh

WILDFIRE DYNAMICS AND THE FUTURE OF
LONGLEAF PINE ECOSYSTEMS

Shermin de Silva

Elephant Forest and Environment Conservation Trust, and

Uda Walawe Elephant Research Project, Sri Lanka
INDIVIDUAL-IDENTIFICATION BASED CENSUS
OF ASIAN ELEPHANTS

Oinam Sunanda Devi

Gauhati University, India

EFFECT OF HABITAT DISTURBANCE ON
AVIFAUNA AT LOKTAK LAKE

Colin Donihue

Yale University

INTERACTION CASCADES IN ANTHROPOGENIC
GLADES

Cherie Dugal

University of Saskatchewan

PREDICTIVE HABITAT MODELING FOR
CONNECTIVITY CONSERVATION

Christine Dumoulin

Northwestern University, Chicago Botanic Garden

SELF-INCOMPATIBILITY IS DETRIMENTAL I
N HABITAT FRAGMENTS

Joyce Fassbender

City University of New York

NICHE BREADTH OF WOOD-BORING WEEVILS
IN FRENCH GUIANA

Cathryn Freund

Columbia University

SEED DISPERSAL INTO REPLANTED
PEATSWAMP FOREST FRAGMENTS

Manuel Roberto García-Huidobro Moreno

Universidad Andres Bello, Chile

CONSIDERATION OF PARASITISM IN
CONSERVATION AND MANAGEMENT

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S C C S - N Y A D V I S O R S , R E V I E W E R S , M E N T O R S

Special thanks are due to all those who have given so generously of their time and talents to advise, review, and mentor. They include:

Resit Akcakaya
Stony Brook University

George Amato
American Museum of Natural History

Felicity Arengo
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Gila Kahila Bar-Gal
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Rebecca Barnes
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Guido Berguido
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Ana Carolina Carnaval
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Gabriela Chavarria
U.S. Fish and Wildlife Service

Robin Chazdon
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Environmental Studies*

Robyn Dalzen
Conservation International

Liliana Davalos
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Conservation, Columbia University*

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Fordham University

Wes Hochachka
Cornell University

Henry Horn
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Bruce Jennings
Center for Humans and Nature

Beth Kaplin
Antioch University

Kaberi Kar Gupta
California State University, Fresno

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