

DETECTION, IMPACTS, PREDICTION & ADAPTATION

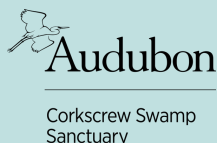
SPECIES ON THE MOVE



MAY 14-19, 2023
BONITA SPRINGS, FLORIDA, USA

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CONFERENCE CODE OF CONDUCT

In order to ensure a fair and equal experience for all participants of the Species on the Move conference 2023, we ask all participants to please adhere to the following code of conduct.

Expected behavior:

We expect all participants (including all delegates, conference organizers, volunteers, visitors, exhibitors and venue staff) to exhibit professional and considerate behavior in all venues during official conference proceedings, side events, meetings, official or unofficial social gatherings as well as on social media and online platforms.

- Be inclusive and respectful to all participants regardless of ability or disability, age, body size, language, culture, education, ethnicity, race, nationality, gender, background, opinions, ideologies, political views, religion, sexual orientation and social status
- Be considerate in speech and actions
- Be respectful and civil during any discussions or dialogue
- Be mindful of your surroundings and fellow participants
- Be respectful of the opinions of other participants even if they differ from your own
- Be constructive in your critique of ideas
- Engage in positive and productive discussions with fellow delegates
- Adhere to any requests from poster or talk presenters regarding social media (eg some may request no posting of images at the start of their talks or on their posters), and ask for permission before posting pictures focused on particular participants on online platforms or social media (general crowd shots are ok)

Unacceptable behaviour:

- Intimidation, harassment, bullying, abuse, discrimination, exclusion and harmful criticism of any form
- Harmful verbal or written comments
- Disruption of presentations or conference proceedings
- Physical assault, or any unwelcome contact
- Threat or intimidation
- Sexual harassment

Consequences of unacceptable behavior:

Anyone requested to stop any unacceptable behavior is expected to comply immediately. The conference organizers reserve the right to dismiss any participants showing unacceptable behavior from the conference and prohibit attendance of future meetings. The conference staff or venue security may take any action deemed necessary and appropriate in order to ensure the safety of all conference participants.

Reporting or grievances:

Please contact one of the following people should you have a concern or wish to report someone engaging in the above mentioned unacceptable behaviors:
Conference Co-Convenors:

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Reporting or grievances:

Please contact one of the following people should you have a concern or wish to report someone engaging in the above-mentioned unacceptable behaviors:

Conference Co-Convenors:

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<https://pwd.aa.ufl.edu/sotm/2023-conference/code-of-conduct/>



SUNDAY, MAY 14

0900-1600	<p>Pre-Conference Workshops:</p> <ul style="list-style-type: none"> <i>Using microclimate data and models for ecological applications:</i> Dave Klinges, Mike Kearney, Rebecca Senior and Lydia Soifer (Blue Heron BC) <i>A two-part Species Distribution Modeling workshop: SDM Part 1 Building species distribution models in accordance with the ecological niche theory and SDM Part 2 Theory and practice of model-based data integration for modeling species' distributions:</i> Convenor Part 1: Mireia Valle, Convenors Part 2: Saras Windecker and David Uribe-Rivera (Great Egret BC) <i>Application of connectivity modeling to identify and predict movement and range redistribution:</i> Robert Fletcher, Andrew Marx, Maru Iezzi, Alex Baecher (Pine BC)
1400	Registration Opens Calusa Pre-Function
1800	Welcome (informal) Social Event with Cash Bar Cypress Courtyard

MONDAY, MAY 15

0700	Registration Opens Calusa Pre-Function
Location	Calusa D-H
0800	<i>Opening Remarks</i> Brett Scheffers
0825	<i>Formal Conference Welcome</i> US Secretary Deb Haaland
0835	<i>History and Future of SOTM</i> Gretta Pecl
0845	KEYNOTE - Cross Theme <i>Everglades: Past and Future</i> James Kushlan and Kirsten Hines
0945	KEYNOTE - Cross Theme <i>The rise of Anthropocene biodiversity</i> Chris Thomas
10:30	Coffee & Tea Break Calusa Pre-Function (Snacks provided)
Location	Calusa D-H (Session Chair, Beth Stys)
1100	KEYNOTE - Theme 3 Understanding ecological and evolutionary mechanisms facilitating or hindering range shifts <i>Range dynamics through the lens of hybridization</i> Mitra Menon
1130	KEYNOTE - Theme 7 Conservation paradigms and management strategies for a moving and (dis)connected future <i>Reimagining conservation paradigms & management strategies for a moving and (dis)connected future: examples from a temperate marine system</i> Natalie Ban

1200	Lunch Calusa Terrace/Calusa D-H		
1300	Early to Late Career Networking Event and Discussion Calusa B		
1400 -1530	Breakout Sessions		
Location	Calusa A	Calusa C	Great Egret
Session Chair	Bryan Falk	Jennifer Sunday	Lise Comte
Time	Theme 7 - Conservation paradigms and management strategies for a moving and (dis)connected future	Theme 1 - Detection, attribution, and prediction under species on the move	Theme 3 – Understanding ecological and evolutionary mechanisms facilitating or hindering range shifts
1400	<p>Presenter: Maria Beger</p> <p>Title: A Static-Dynamic Conservation Planning Framework For Functional Shifts Across Multiple Taxa</p> <p>Authors: Maria Beger, Katie M Cook, Mark Miller, Masaru Mizuyama, Brigitte Sommer, James D. Reimer</p>	<p>Presenter: Tayler Clarke</p> <p>Title: Eastern Tropical Pacific Reef Fish On The Move</p> <p>Authors: Tayler M. Clarke, Fernando A. Zapata, Juan José Alvarado, Andrea Arriaga Madrigal, Arturo Ayala- Bocos, Jorge Cortés Núñez, Amílcar Cupul Magaña, Andrés López Pérez, Juan P. Quimbayo, Héctor Reyes-Bonilla, Fernando Rivera, Paola Rodríguez-Troncoso, Jenny C. Rodríguez- Villalobos, Fabian A. Rodríguez Zaragoza, Johanna Segovia, Sonia Bejarano</p>	<p>Presenter: Daniel Hahn</p> <p>Title: The Genomic And Physiological Architectures Of Seasonal Phenology Shifts Show Limited Pleiotropy In A Fruit Feeding Fly.</p> <p>Authors: Thomas H.Q. Powell, Qinwen Xia, Gregory J. Ragland, Jeffrey L. Feder, and Daniel A. Hahn</p>
1415	<p>Presenter: Isaac Brito Morales</p> <p>Title: Managing Dynamic Ocean Front Ecosystems For Species On The Move</p> <p>Authors: Isaac Brito- Morales, Vincent Rossi, Floriane Sudre, Christoph Rohner, Matthieu Le Corre, Audrey Jaeger, Sophie Laran, Lee Hannah</p>	<p>Presenter: Laura Thompson</p> <p>Title: Species Traits And Environmental Factors That Influence Whether Amphibian Populations Shift Their Range In Response To Climate Change</p> <p>Authors: Merri Collins, Erin Muths, Madeleine Rubenstein, Laura Thompson, Sarah Weiskopf</p>	<p>Presenter: Olivia Rahn</p> <p>Title: Does Habitat Quantity Decline Towards A Species Range Edge?</p> <p>Authors: Olivia J. Rahn, Anna L. Hargreaves</p>
1430	<p>Presenter: Cameryn Brock</p> <p>Title: Spatial Planning For Climate Change: Land Use For Conservation, Agriculture, And Energy</p> <p>Authors: Cameryn J. Brock, Patrick R. Roehrdanz, Amy E. Frazier, Christina M. Kennedy, Ashley E. Larsen, Lee Hannah</p>	<p>Presenter: Jonathan Belmaker</p> <p>Title: Dissecting Change In Alien Species Numbers: Detection, Vector Activity Or Establishment?</p> <p>Authors: Jonathan Belmaker, Yehezkel Buba</p>	<p>Presenter: Saras Windecker</p> <p>Title: Improving Predictive Performance Of Trait-Sdms Across Environmental Gradients</p> <p>Authors: Saras M. Windecker, David E. Uribe- Rivera, Will Morris, Laura J. Pollock, Peter A. Vesk</p>

Location	Calusa A	Calusa C	Great Egret
1445	<p>Presenter: Michelle Canic Starke</p> <p>Title: Human-Assisted Movement Of Species In Response To Climate Change: Literature Review And Development Of Organizational Guidelines For The Nature Conservancy</p> <p>Authors: Michelle Canick Starke, Mark Anderson</p>	<p>Presenter: Olivia Bates</p> <p>Title: Predicting Future Distributions Of Insects Under Climate Change</p> <p>Authors: Olivia K. Bates, Cleo Bertelsmeier</p>	<p>Presenter: Joris Wiethase</p> <p>Title: Insights Into The Explanatory Power Of Species Traits As Predictors Of Range Shifts</p> <p>Authors: Joris H. Wiethase, Philip S. Mostert, Christopher R. Cooney, Colin M. Beale</p>
1500	<p>Presenter: Katie Cresswell</p> <p>Title: Using A Fishery To Mitigate The Impact Of A Problematic Range- Extender</p> <p>Authors: Katie Cresswell, Klaas Hartmann, Rich Little, Caleb Gardner, John Keane, Scott Ling</p>	<p>Presenter: Nathan King</p> <p>Title: Trailing Edge Population Loss In A Key Coastal Foundation Species; Risks And Consequences For Below Species Level Biodiversity.</p> <p>Authors: Nathan G King; Pippa J Moore; Dan A Smale</p>	<p>Presenter: Jeremy Kerr</p> <p>Title: Species' Temperature Tolerances Help Predict Their Distributions Across Regions And Within Habitats</p> <p>Authors: Gabrielle Ednie, and Jeremy T. Kerr</p>
1515	<p>Presenter: Olga Koppel</p> <p>Title: Thermal Position strongly predicts bumblebee diversity at local scales</p> <p>Authors: Olga Koppel, Dr. Jeremy Kerr</p>	<p>Presenter: Eden Tekwa</p> <p>Title: Warming And Dispersal Rate In Marine Food Webs Lead To Heterogeneous Range Shift Effects</p> <p>Authors: Eden Tekwa, Malin Pinsky, James Watson, Jennifer Sunday</p>	
1530	Coffee & Tea Break Calusa Pre-Function (snacks provided)		
1600-1730	Breakout Sessions		
Location	Calusa A	Calusa C	Great Egret
Session Chair	Roger Griffiths	Brett Scheffers	Rebecca Senior
Time	Theme 7 - Conservation paradigms and management strategies for a moving and (dis)connected future	Theme 1 - Detection, attribution, and prediction under species on the move	Theme 5 - Ecological responses to climate change from micro to macro scales
1600	<p>Presenter: Chris Nadeau</p> <p>Title: Does Increasing Genetic Diversity Help Sensitive Populations Adapt To Warming?</p> <p>Authors: Christopher Nadeau, Randall Hughes, Abe Miller-Rushing, Nicholas Fisichelli</p>	<p>Presenter: Sarah Weiskopf</p> <p>Title: Emerging Climate Signals: Aligning Range Shift Studies With Climate Change Exposure</p> <p>Authors: Sarah R. Weiskopf, Madeleine A. Rubenstein, Adam J. Terando, Jared Bowden, Maria Isabel Arce Plata, Heidi Nguyen, Shawn L. Carter</p>	<p>Presenter: Tsun Fung Au</p> <p>Title: Forest Demographic Shift Alters Drought Sensitivity And Resilience</p> <p>Authors: Tsun Fung Au</p>

Location	Calusa A	Calusa C	Great Egret
1615	<p>Presenter: Thomas Hctor</p> <p>Title: The Florida Wildlife Corridor: Biodiversity, Green Infrastructure, And Resiliency For Florida's Future</p> <p>Authors: Thomas S. Hctor, Jon Oetting, Eve Bohnett, Sarah Lockhart, Reed Noss, Michael Volk, and Michael O'Brien</p>	<p>Presenter: Brett Scheffers</p> <p>Title: Vertical Collapse In Assemblage Complexity Due To Shifts In Precipitation And Novel Biotic Interactions</p> <p>Authors: Brett R. Scheffers, Alex Baecher and Edmund Basham</p>	<p>Presenter: Israel Borokini</p> <p>Title: Integration Of Iterative Species Distribution Modeling And Field Surveys Of A Federally Threatened Desert Perennial</p> <p>Authors: Israel T. Borokini, Kenneth Nussear, Blaise Petitpierre, Thomas E. Dilts, Peter J. Weisberg</p>
1630	<p>Presenter: Patricio Pliscoff</p> <p>Title: Climate Change- Refugia At Regional And Local Scale In Chile</p> <p>Authors: Patricio Pliscoff</p>	<p>Presenter: Gretchen Hansen</p> <p>Title: Predicting Climate Change Impacts On Poikilotherms Using Physiologically Guided Species Abundance Models</p> <p>Authors: Gretchen JA Hansen, Erin M Schliep, Josh North, Christopher Custer, Jenna Nelson, Holly Kundel, Tyler Wagner</p>	<p>Presenter: Claire Butler</p> <p>Title: Comparative Effects Of Ocean Warming On Kelp- Herbivore Interactions On Australian Temperate Reefs</p> <p>Authors: Claire L. Butler, Adriana Vergés, Scott Ling, Scott Bennett</p>
1645	<p>Presenter: Erik Stabenau</p> <p>Title: Resilience And Restoration: Managing For The Future Of Everglades National Park</p> <p>Authors: Erik R Stabenau, Andrea J Atkinson, Ghinwa M Naja</p>	<p>Presenter: Laura Pollock</p> <p>Title: An Obvious Yet Challenging Proposition: Species Need Prey To Move</p> <p>Authors: Laura Pollock, Isaac Eckert, Dominique Caron</p>	<p>Presenter: Stef Haesen</p> <p>Title: Microsdm: Is It Worth To Incorporate Microclimate Into Species Distribution Models?</p> <p>Authors: Stef Haesen, Jonathan Lenoir, Eva Gril, Pieter De Frenne, Jonas J. Lembrechts, Koenraad Van Meerbeek</p>
1700	<p>Presenter: Chris Bergh</p> <p>Title: Rising Seas And The Florida Key: Collaboration And Coordination Among Florida's Wildlife Organizations</p> <p>Authors: Logan, Benedict, Chris, Bergh, Kevin, Kalasz</p>	<p>Presenter: Heather Hunt</p> <p>Title: Climate, Currents And Species Traits Contribute To Early Stages Of Marine Species Redistribution</p> <p>Authors: Jorge García Molinos, Heather L. Hunt, Madeline E. Green, Curtis Champion, Jason R. Hartog, Gretta T. Pecl</p>	<p>Presenter: Jones Quarthey</p> <p>Title: Distribution And Population Dynamics Of Recurvirostridae In Ghana; A Case Of Range Shift In Migration</p> <p>Authors: Jones K. Quarthey, Alfred A. Nuoh, Emanuel N. A. Taye and Yaa Ntiama-Baidu</p>
1715	<p>Presenter: Anne Clay</p> <p>Title: The Spread Of Chytridiomycosis And Its Implications For Wild Amphibian Welfare</p> <p>Authors: Anne S. Clay and Grey Fernandez</p>	<p>Presenter: Gopal Murali</p> <p>Title: Assessing Terrestrial Vertebrates' Exposure To Future Extreme Heat Events</p> <p>Authors: Gopal Murali, Takuya Iwamura, Shai Meiri, Uri Roll</p>	
1800	Welcome Reception Royal Palm Courtyard (drinks & Hors d'oeuvres provided)		

TUESDAY, MAY 16

0700	Registration Opens Calusa Pre-Function		
Location	Calusa D-H (Session Chair, Beth Stys)		
0800	KEYNOTE - Theme 12 Ecosystem and biome shifts, including geochemical impacts from species on the move <i>A Century of Change in the Arctic and the effects of nascent beaver engineering</i> Ken Tape		
0830	KEYNOTE - Theme 6 Invasion risk and range redistribution of non-native species under climate change <i>Pine invasions under climate change</i> Martín Nuñez		
0900	KEYNOTE - Theme 4 Impacts of climate change on community structure and patterns of taxonomic, functional, and phylogenetic diversity <i>Drivers and implications of changes in tree species composition across the world's forests</i> Adraïne Esquivel-Muelbert		
0930	KEYNOTE - Cross Theme Conservation in the era of synthetic biology <i>Moving and being moved: the potential role of synthetic biology in a turbulent world</i> Kent Redford		
1030	Coffee & Tea Break Calusa Pre-Function (Snacks provided)		
1100	KEYNOTE - Theme 2 Leveraging bioinformatics, big data science, and emerging technologies to study species on the move <i>Elucidating biodiversity change in the Anthropocene</i> Laura Antao		
1130	KEYNOTE - Theme 9 Cultural, social, and economic dimensions of changes in species distributions <i>Anticipatory Ecology Meets Speculative Design: Cross-disciplinary approach of communicating scientific data through visual storytelling</i> Sophie Falkeis		
1200	Lunch Calusa Terrace/Calusa D-H		
1300	Mini Workshops & Discussion: <ul style="list-style-type: none"> <i>Climate, Movement and Welfare Ecology (Calusa A)</i> **see conference app for details Vittoria Elliot <i>HIGHRESCORALSTRESS: An ecologically validated global dataset of coral reef exposure to thermal stress (Calusa C)</i> **see conference app for details Maria Beger 		
1400 -1530	Breakout Sessions		
Location	Calusa A	Calusa C	Great Egret
Session Chair	Gretta Pecl	Miguel Bastos Araújo	Laura Antao
Time	Theme 1 - Detection, attribution, and prediction under species on the move	Theme 4 - Impacts of climate change on community structure and patterns of taxonomic, functional, and phylogenetic diversity	Theme 2 - Leveraging bioinformatics, big data science, and emerging technologies to study species on the move

Location	Calusa A	Calusa C	Great Egret
1400	<p>Presenter: Adam Smith</p> <p>Title: Natural Niche Truncation Limits Our Ability To Foresee The Future With Species Distribution Models... So Let's Look To The Past</p> <p>Authors: Adam B. Smith</p>	<p>Presenter: Lise Comte</p> <p>Title: Pervasive Effects Of Climate Change On The Functional Composition Of Riverine Fish Communities</p> <p>Authors: Lise, Comte, Xingli, Giam, Julian, D. Olden, Albert, Ruhi, and Pablo, A. Tedesco</p>	<p>Presenter: Jennifer Sunday</p> <p>Title: Assessing Continental Geographic Ranges Of Nearshore Fish Using Environmental Dna</p> <p>Authors: Kate Sheridan, Matt Lemay, Margot Hessing-Lewis, Jennifer Sunday</p>
1415	<p>Presenter: Leon Tkacenko</p> <p>Title: Improving Projections Of Species Distribution Models To Novel Climates Using Additional Data</p> <p>Authors: Leon A Tkacenko and Julie L Lockwood</p>	<p>Presenter: Miguel Bastos Araújo</p> <p>Title: Climate Change And The Reorganisation Of Animal Communities</p> <p>Authors: Miguel B. Araújo, Juan David González-Trujillo, Manuel Mendoza</p>	<p>Presenter: Gavriella Hecht</p> <p>Title: Examining The Role Of Parity On Biting Activity For Anopheles Mosquitoes During 2007- 2012 In El Oro, Ecuador</p> <p>Authors: Gavriella L.Y. Hecht, Timothy J. Fik, Sadie J. Ryan</p>
1430	<p>Presenter: Brooke Bateman</p> <p>Title: Climate Change Impacts On Wintering Birds In The Eastern United States Over The Last Century</p> <p>Authors: Chad B Wilsey, Sarah P Saunders, Timothy D Meehan, Nicole L Michel, Brooke L Bateman, William DeLuca, Jill L Deppe, Joanna Grand, Lotem Taylor, Geoffrey S LeBaron</p>	<p>Presenter: Dan Smale</p> <p>Title: Climate-driven shifts in the structure of kelp forests leads to altered biodiversity, productivity and resilience</p> <p>Authors: Dan Smale, Nathan King, Harry Teagle, Pippa Moore</p>	<p>Presenter: Aurore Maureaud</p> <p>Title: Fishglobe – Towards A Collaborative Platform Integrating Scientific Bottom-Trawl Survey Data To Study And Manage Species On The Move</p> <p>Authors: Aurore A. Maureaud, M.L. Deng Palomares, Bastien Merigot, FishGlobe consortium</p>
1445	<p>Presenter: Nicola van Wilgen-Bredenkamp</p> <p>Title: Identifying The Most Climate Change Vulnerable Plant Species In A Global Endemism Hotspot, The Cape Peninsula</p> <p>Authors: Nicola J. van Wilgen-Bredenkamp, Jasper A. Silingsby, Chad Cheney, Wendy B. Foden, Patricia M. Holmes, Anthony G. Rebelo</p>	<p>Presenter: Adam Eichenwald</p> <p>Title: The Impact Of Microclimate On The Persistence Of A Desert Bird Community</p> <p>Authors: Adam J. Eichenwald, J. Michael Reed</p>	<p>Presenter: Brunno Freire Dantas de Oliveira</p> <p>Title: How Well Species Distribution Models Predict Species Range Shifts?</p> <p>Authors: Authors: Brunno F. Oliveira, Lise Comte, Romain Bertrand, I-Ching Chen, Sarah Diamond, Lesley Lancaster, Jonathan Lenoir, Jérôme Muriénne, Greta Pecl, Malin Pinsky, Brett Scheffers, Jennifer Sunday, Laura Thompson, Fabricio Villalobos, Jonathan Rolland, Gaël Grenouillet</p>
1500	<p>Presenter: Sarah Roberts</p> <p>Title: Spatiotemporal Modeling Reveals Distribution Shifts Of Common Marine Predator - Bottlenose Dolphins</p>	<p>Presenter: Nora Salland</p> <p>Title: Revisiting Historical Kelp Forests In A Biogeographic Transition Zone In The NE Atlantic: Determining Ocean Warming Winners And Losers</p>	<p>Presenter: Morgan Tingley</p> <p>Title: Avian Vagrancy: Underlying Mechanisms And Potential For Facilitating Range Shifts</p>

Location	Calusa A	Calusa C	Great Egret
	Authors: Sarah M Roberts, James Thorson, Janet Nye	Authors: Nora Salland, Cat Wilding, Antony Jensen, Dan Smale	Authors: Morgan W. Tingley, Benjamin A. Tonelli, and Casey Youngflesh
1515	<p>Presenter: Erik Iverson</p> <p>Title: Facilitating Migration and Persistence with Adaptive Mitonuclear Replacement for Conservation</p> <p>Authors: Erik Iverson</p>		<p>Presenter: Max Titcomb</p> <p>Title: Utilizing Citizen Science Monitoring Data To Model Past & Present Fish Distribution In The Caribbean</p> <p>Authors: Max Titcomb, Brice X Semmens</p>
1530	Coffee & Tea Break Calusa Pre-Function (Snacks provided)		
1600-1730	Breakout Sessions		
Location	Calusa A	Calusa C	Great Egret
Session Chair	Morgan Tingley	Anibal Pauchard	Rob Gurlanick
Time	Theme 5 - Ecological responses to climate change from micro to macro scales	Theme 6 - Invasion risk and range redistribution of non-native species under climate change	Theme 3 - Understanding ecological and evolutionary mechanisms facilitating or hindering range shifts
1600	<p>Presenter: David Klinges</p> <p>Title: Climate Variability And Change Across Scales Using A Novel Global Microclimate Database</p> <p>Authors: David H. Klinges, Jonas J. Lembrechts, Ilya M. D. Maclean, J. Alex Baecher, Jonathan Lenoir, Brett R. Scheffers</p>	<p>Presenter: Cleo Bertelsmeier</p> <p>Title: Biological Invasions As Model System For Climate Change Ecology</p> <p>Authors: Cleo Bertelsmeier, Jelena Bujan, Olivia Bates</p>	<p>Presenter: Brett Scheffers</p> <p>Title: Seasonality And Experimental Acclimation Generate Thermal Tolerance Plasticity That Is Unaccounted For In Macroecology</p> <p>Authors: Brett Scheffers, Brunno Oliveira, Sebas Mena, Rob Fletcher, and Daniel Hahn</p>
1615	<p>Presenter: Yi-Hsiu Chen</p> <p>Title: Climate Vulnerability Of Mountain Biota Revisited</p> <p>Authors: Yi-Hsiu Chen, I-Ching Chen</p>	<p>Presenter: Luke Evans</p> <p>Title: Invasion Risk Posed By The Pet Trade</p> <p>Authors: Luke J. Evans, J. Alex Baecher, Brett R. Scheffers</p>	<p>Presenter: Sarah Diamond</p> <p>Title: Thermal Physiological Traits Mediate Butterfly Range Shifts Under Recent Climate Change</p> <p>Authors: Sarah E. Diamond, Osmay A. Medina-Báez, Carmen R. B. da Silva</p>

Location	Calusa A	Calusa C	Great Egret
1630	<p>Presenter: I-Ching Chen</p> <p>Title: Acceleration Of Biological Responses In Anthropocene</p> <p>Authors: I-Ching Chen, Yi- Wen Chen, Malin L. Pinsky, Jonathan Lenoir</p>	<p>Presenter: Clare Rodenberg</p> <p>Title: Spatiotemporal Variability In Weather And Snow Depth Affects The Invasive Spread Of A Damaging Nonnative Forest Pest In North America</p> <p>Authors: Clare A. Rodenberg, Jonathan A. Walter, Kyle J. Haynes</p>	<p>Presenter: Jane Hill</p> <p>Title: Habitat Connectivity For Promoting Species Range Shifts – Who Benefits And Where?</p> <p>Authors: Jane K. Hill, Sarah A. Scriven, Charles A. Cunningham</p>
1645	<p>Presenter: Benjamin Freeman</p> <p>Title: The Escalator To Extinction Is Already In Motion In The Tropics</p> <p>Authors: Benjamin Freeman</p>	<p>Presenter: Evelin Iseli</p> <p>Title: Rapid Upwards Spread Of Non-Native Plants Across Multiple Mountain Regions</p> <p>Authors: Evelin Iseli, Jake M. Alexander, MIREN Consortium</p>	<p>Presenter: Anna Hargreaves</p> <p>Title: Biotic Interactions More Often Constrain Species Warm Vs Cool Range Edges</p> <p>Authors: Anna L Hargreaves, Alexandra Paquette</p>
1700	<p>Presenter: Katie Cook</p> <p>Title: Predicting Macroalgal Range Shifts In Aotearoa New Zealand To Inform Climate-Smart Conservation Management</p> <p>Authors: Katie M. Cook, Kate Neill, Wendy Nelson, Tom Brough, Brenton Twist, Carolyn Lundquist</p>	<p>Presenter: Nikunj Goel</p> <p>Title: A Predictive Theory Of Human Mediated Biological Invasions</p> <p>Authors: Nikunj Goel, Andrew M. Liebhold, Cleo Bertelsmeier, Mevin B. Hooten, Kirill S. Korolev, and Timothy H. Keitt</p>	<p>Presenter: Tayler Clarke</p> <p>Title: Eastern Tropical Pacific Reef Fish On The Move</p> <p>Authors: Tayler M. Clarke, Fernando A. Zapata, Juan José Alvarado, Andrea Arriaga Madrigal, Arturo Ayala-Bocos, Jorge Cortés Núñez, Amílcar CupulMagaña, Andrés López Pérez, Juan P. Quimbayo, Héctor Reyes-Bonilla, Fernando Rivera, Paola Rodríguez-Troncoso, Jenny C. Rodríguez- Villalobos, Fabian A. Rodríguez Zaragoza, Johanna Segovia, Sonia Bejarano</p>
1715		<p>Presenter: Tonya Howington</p> <p>Title: For Richer Or Poorer: Comparing The Impact Of Invasive Species On The Richness Of Everglades Taxonomic Groups</p> <p>Authors: Tonya Howington</p>	
Location	Calusa Pre-Function		
1745	Social & Poster Session Calusa Pre-Function (Bring Drink Ticket)		

1. Resist-Accept-Direct, Contributing to a RAD Understanding of Climate Change Effects on Wildlife Refuges and Implications for Management
Daniel Asyn
2. Low movement evolution undermines MPA effectiveness in the face of climate change
Alicia Caughman
3. Convening science to conserve the Florida Wildlife Corridor, a large landscape conservation effort
Joshua Daskin
4. Eurasian otter activity in Hong Kong constrained temporally by dogs and spatially by sea level rise
Yu Hin Yau
5. Climate change knowledge, attitude and perception of undergraduate students in Ghana
Benjamin Ofori
6. Delineating boundaries of Marine Turtle Management Areas (MarTuMAs) within Southeast Asia
Rushan bin Abdul Rahman

Social & Poster Session Continued

7. Informing climate-smart adaptation of northeastern plant communities using joint species distribution modeling

[Matthew Fertakos](#)

8. NOAA Fisheries Distribution Mapping and Analysis Portal (DISMAP): Visualizing Changing Distributions

[Melissa Karp](#)

9. Assessing potential for shifting distributions in NOAA Fisheries' marine mammal and sea turtle climate vulnerability assessments

[Matthew Lettrich](#)

10. Do functional traits explain invasive plant species establishment across elevational gradients? An experiment in the Andes mountains of Chile

[Anibal Pauchard](#)

11. A Decadal Nationwide Assessment of Climate-Driven Species Redistribution Using Citizen Science Data

[Gretta Pecl](#)

12. High-Resolution Projections of Global Sea Surface Temperatures Reveal Critical Warming in Humpback Whale Breeding Grounds

[Hannah von Hammerstein](#)

13. Multiple dimensions of extreme weather events and their impacts on biodiversity

[Juan David González-Trujillo](#)

14. Forecasting the impacts of global change on a bee biodiversity hotspot

[Mark Buckner](#)

15. Forecasting transboundary range shifts under climate change

[Isaac Eckert](#)

16. Genetic diversity among populations along two latitudinal clines in an invasive ant

[Marina Ascunce](#)

17. Current and potential distribution of non-native plants in the Andes: the role of anthropization at multiple spatial scales

[Eduardo Fuentes](#)

18. Applying invasive ecology to test how biotic interactions affect range shifts across large gradients

[Namfon Booncharoen](#)

19. The establishment and development of invertebrate biotas associated with anthropogenic habitats

[Joshua Sammy](#)

20. Ecological Modeling to Support Management of Shifting Black Seabass

[Lauren Gentry](#)

21. Influence ocean fronts on the movement of whale sharks

[Bilardo Nharreluga](#)

22. Does urbanization facilitate ecological invasions into otherwise unsuitable regions?

[Noah Bowen](#)

23. Online Tools for Collaboration Across the Florida Ecological Greenways Network and Beyond

[Sarah Lockhart](#)

WEDNESDAY, MAY 17

0700	Excursion to Cypress Forests and Grassland and Wetland Ecosystems (See email for details on excursion) **DAY OFF from Conference if not Attending Excursion**
1800	Featured Film: Path of the Panther Great Egret (cash bar available)

THURSDAY, MAY 18

0800	Registration Opens Calusa Pre-Function		
0800	<i>Discussion Group: Finding our way through Eco-Anxiety Calusa Terrace</i> Wendy Foden		
Location	Calusa D-H (Session Chair: Rebecca Senior)		
0900	KEYNOTE - Theme 1 Detection, attribution, & prediction under species on the move <i>A mechanistic understanding of species on the move in an uncertain world</i> Alexa Fedston		
0930	KEYNOTE - Cross Theme <i>Ice on the Move: What observing the underside of Antarctica's ice shelves now can tell us about future sea level rise</i> Peter Washam		
1000	KEYNOTE - Cross Theme <i>Innovative solutions for people and wildlife in a changing climate</i> Nikhil Advani		
1030	Coffee & Tea Break Calusa Pre-Function (Snacks provided)		
1100-1200	Breakout Sessions		
Location	Calusa A	Calusa C	Great Egret
Session Chairs	Jonas Lembrechts	Justin Nowakowski	Birgitta Evengård
Time	Theme 5 - Ecological responses to climate change from micro to macro scales	Theme 7 - Conservation paradigms and management strategies for a moving and (dis)connected future	Theme 11 - OneHealth and Implications of species on the move for human and animal health
1100	Presenter: Montague Neate-Clegg Title: The Combined Phenological, Latitudinal, And Elevational Responses Of North American Birds To Climate Change Authors: Montague H. C. Neate-Clegg	Presenter: Kiley Dancy Title: Scenario Planning To Inform U.S. East Coast Fisheries Management Response To Climate-Driven Changes In Fishery Distribution Authors: Kiley Dancy, Jonathan Star, Sean Lucey, Michelle Bachman, Travis Ford, Karla Gore, Moira Kelly, Toni Kerns, Wendy Morrison, Roger Pugliese	Presenter: Birgitta Evengard Title: Climate Change And The Transition Of Infectious Diseases In The North Authors: Birgitta Evengard

Location	Calusa A	Calusa C	Great Egret
1115	<p>Presenter: Lydia Soifer</p> <p>Title: The 3d Velocity Of Microclimate Change</p> <p>Authors: Lydia Soifer, James Ball, Hamish Asmath, David Coomes</p>	<p>Presenter: Bryan Falk</p> <p>Title: Managed Relocation And Invasive Species Implications: Ongoing Efforts By The National Invasive Species Council</p> <p>Authors: Bryan Falk, Stas Burgiel</p>	<p>Presenter: Gaviella Hecht</p> <p>Title: Comparative Spatiotemporal Analysis Of Cases Of Human Dengue Virus In El Oro, Ecuador</p> <p>Authors: Gaviella L.Y. Hecht, Jason K. Blackburn, Sadie J. Ryan</p>
1130	<p>Presenter: Rebecca Senior</p> <p>Title: Global Loss Of Climate Connectivity In Tropical Forests</p> <p>Authors: Rebecca Senior, Jane Hill, David Edwards</p>	<p>Presenter: Catarina Frazao-Santos</p> <p>Title: Marine Spatial Planning In (Changing) Polar Regions</p> <p>Authors: Catarina Frazão Santos, José C. Xavier, Elena Gissi, Tundi Agardy, Charles N. Ehler, Renuka Badhe, Kevin A. Hughes, Susie M. Grant, David Santos, Sara García-Morales, Catarina Pereira Santos & Rui Rosa</p>	<p>Presenter: David Redding</p> <p>Title: Climate Change Is Driving A General Expansion Of Zoonotic And Vector-Borne Diseases Risk</p> <p>Authors: David Redding, Rory Gibb, Kate Jones</p>
1145	<p>Presenter: Kathryn Smith</p> <p>Title: Global Impacts Of Marine Heatwaves On Foundation Species</p> <p>Authors: Kathryn E. Smith, Dan A. Smalw</p>	<p>Presenter: Isaac Eckert</p> <p>Title: National Or Transnational Coordination Is Key For Protecting Biodiversity On The Move</p> <p>Authors: Isaac Eckert & Laura J. Pollock</p>	<p>Presenter: Anastasia Emelyanova</p> <p>Title: Selected Wildlife Infections In The Circumpolar Arctic - A Bibliometric Review</p> <p>Authors: Anastasia Emelyanova, Audrey Savolainen, Antti Oksanen, Pentti Nieminen, Olga Loginova, Khaled Abass, Arja Rautio</p>
1200	Lunch Calusa Terrace/Calusa D-H		
1300	<p><i>Narrative Currents: how to share climate change stories from MPA practitioners and marine scientists from around the globe (Facilitated forum and solicitation for stories) Great Egret</i></p> <p>Madeline McEwen and Lee Hannah</p>		
1400-1500	Breakout Sessions		
Location	Calusa A	Calusa C	Great Egret
Sesion Chairs	Juliano Palacios Abrantes	Malin Pinsky	Monte Neate-Clegg
Time	Theme 7 - Conservation paradigms and management strategies for a moving and (dis)connected future	Theme 4 - Impacts of climate change on community structure and patterns of taxonomic, functional, and phylogenetic diversity	Theme 3 - Understanding ecological and evolutionary mechanisms facilitating or hindering range shifts
1400	<p>Presenter: Juliano Palacios Abrantes</p> <p>Title: Timing And Magnitude Of Climate- Driven Range Shifts In Transboundary Fish Stocks Challenge Their Management</p>	<p>Presenter: Malin Pinsky</p> <p>Title: Warming And Cooling Catalyze Widespread Temporal Turnover In Biodiversity</p>	<p>Presenter: Dirk Nikolaus Karger</p> <p>Title: How Climate Extremes Stall Food Webs On The Move</p>

Location	Calusa A	Calusa C	Great Egret
	Authors: Palacios-Abrantes, Juliano, Fröllicher, Thomas L., Reygondeau, Gabriel, Sumaila, U. Rashid, Tagliabue, Alessandro, Wabnitz, Colette C. C., Cheung, William W. L.	Authors: Malin L. Pinsky, Helmut Hillebrand, Shane A. Blowes, Jonathan M. Chase, Laura H. Antão, Myriam R. Hirt, Ulrich Brose, Michael T. Burrows, Benoit Gauzens	Authors: Dirk N. Karger, Laura J. Pollock, Louise O'Connor, Luigi Maiorano, Yue Dou, Wilfried Thuiller, Catherine H. Graham
1415	Presenter: Jennifer Smith Title: Lose Home Or Eat More! Spiny Lobsters Prefer Native Prey Over Novel, Range-Extending Urchin Pest Authors: Jennifer E. Smith, John Keane, Craig Mundy, Caleb Gardner & Michael Oellermann	Presenter: Kenneth Feeley Title: Climate-Driven Species Migrations Change The American Flora Authors: Kenneth J. Feeley, Catherine H. Bravo A., Belen Fadrique J., Timothy M. Perez, and Daniel F. Zuleta	Presenter: Nikki Moore Title: Informed expectations reveal relationships between dispersal ability and range shifts Authors: Nikki A. Moore, Bruno Oliveira, Lise Comte, Jennifer M. Sunday
1430	Presenter: Brooke Bateman Title: Protected But Not Against Climate Change: How Climate Change Could Affect Birds In Protected Areas In Canada And The Us Authors: BL Bateman, JX Wu, CB Wilsey, L Taylor, GW Schuurman, SR Parker, MA Gahbauer, and PJ Heglund	Presenter: Jean-Philippe Lessard Title: A Single Range- Expanding Species Reshapes Alpine Ecosystems And Their Belowground Diversity Authors: Isaac M.K. Eckert, Tonia De Bellis, Gabriel Muñoz, Steven W. Kembel, Martin A. Nuñez, Jean-Philippe Lessard	Presenter: Erica Nielsen Title: Eco-Evolutionary Dynamics Of A Climate-Driven Range Expansion Of The Owl Limpet, Lottia Gigantea Authors: Erica S. Nielsen, Samuel Walkes, Rachael A. Bay, Eric Sanford, Jacqueline Sones, Richard Grosberg
1445	Presenter: Lucy Van Kleunen Title: Decision-Making Under Uncertainty For Species Introductions Into Ecological Networks Authors: Lucy B Van Kleunen, Katie A Peterson, Meghan T Hayden, Aislyn Keyes, Aaron J Schwartz, Henry Li, Laura Dee	Presenter: Brunno Freire Dantas de Oliveira Title: Historic Biome Stability Predicts Contemporary Ecosystem Stability Authors: Brunno F. Oliveira, Lucie Kuczynski, Kathryn Mercier, Eben North Broadbent, Beatriz Lopez Gutierrez, Jesús Pinto- Ledezma, Jeannine Cavender- Bares, Ana Carnaval, Katharine A. Marske, Gabriel Costa	Presenter: Kevin Owen Title: Karenia Brevis Cysts And Implications For The Biogeographic Response Of This Red Tide Species To Global Climate Change Authors: Kevin C. Owen, Daniel P. Owen, Jen L. Venero
1500	Presenter: Elizabeth Znidarsic Title: Acoustic Restoration: Using Soundscapes To Benchmark And Fast-Track Recovery Of Ecological Communities Authors: Elizabeth Znidarsic and David Watson	Presenter: Dominique Caron Title: Trophic Niche And Climate Shape The Structure Of Avian Diversity Authors: Dominique Caron, Isaac Eckert, Laura Pollock	Presenter: Sean Parks Title: Protected Areas Not Likely To Serve As Steppingstones For Species Undergoing Climate-Induced Range Shifts Authors: Sean A. Parks, Lisa M. Holsinger, John T. Abatzoglou, Caitlin E. Littlefield, Katherine A. Zeller

Location	Calusa A	Calusa C	Great Egret
1515		<p>Presenter: Charlotte Clay</p> <p>Title: Variation In Functional Composition Of Reef Fishes Along A Tropical-To-Temperate Gradient</p> <p>Authors: <i>Charlotte G. Clay, James D Reimer, Masami Obuchi, Katie M Cook, Masaru Mizuyama, Brigitte Sommer, Iori Kawamura, Hiroki Kise, Maria Beger</i></p>	<p>Presenter: Robert K. Colwell</p> <p>Title: Still No Evidence Of Poleward Range Shifts In The Tropics, But Lowland Biotic Attrition May Be Underway</p> <p>Authors: Robert K. Colwell and Kenneth J. Feeley</p>
1530	Coffee & Tea Break Calusa Pre-Function (Snacks provided)		
1600-1730	Breakout Sessions		
Location	Calusa A	Calusa C	Great Egret
Session Chair	Wendy Foden	Mark Urban	Aurore Maureaud
Time	Theme 7 - Conservation paradigms and management strategies for a moving and (dis)connected future	Theme 1 - Detection, attribution, and prediction under species on the move	Theme 3 - Understanding ecological and evolutionary mechanisms facilitating or hindering range shifts
1600	<p>Presenter: Justin Nowakowski</p> <p>Title: Protected areas slow declines unevenly across the tetrapod tree of life</p> <p>Authors: A. Justin Nowakowski, James I. Watling, Alexander Murray, Jessica L. Deichmann, Thomas S. Akre, Carlos L. Muñoz Brenes, Brian D. Todd, Louise McRae, Robin Freeman, Luke O. Frishkoff</p>	<p>Presenter: Maite Erauskin-Extramiana</p> <p>Title: Implications For Global Tuna Fishing Industry Of Climate Change-Driven Alterations In Productivity And Body Sizes</p> <p>Authors: Maite Erauskin- Extramiana, Guillem Chust, Haritz Arrizabalaga, William W. L. Cheung, Josu Santiago, Gorka Merino, Jose A. Fernandes-Salvador</p>	<p>Presenter: Joseph Baecher</p> <p>Title: Informing Global Range Shifts With Biologically-Relevant Connectivity Layers</p> <p>Authors: Joseph A Baecher, Luke Evans, Brett R Scheffers</p>
1615	<p>Presenter: Wendy Foden</p> <p>Title: Conservation Under Climate Overshoot: A New Role For National Parks</p> <p>Authors: Wendy B. Foden, Guy F. Midgley, Namita Vanmali, Nicola J. van Wilgen Bredenkamp, Kerry-Anne Grey and Kay Murray</p>	<p>Presenter: Mark Urban</p> <p>Title: Using Mechanistic Insights To Predict The Climate-Induced Expansion Of A Top Predator</p> <p>Authors: Mark C. Urban, Christopher P. Nadeau, & Sean L. Giery</p>	<p>Presenter: Barrett Wolfe</p> <p>Title: Behavioural Mechanisms Facilitating Persistence At A Marine Predator's Range Extension Front</p> <p>Authors: Barrett W. Wolfe, Quinn P Fitzgibbon, Jayson M Semmens, Sean R Tracey, Gretta T Pecl</p>

Location	Calusa A	Calusa C	Great Egret
1630	<p>Presenter: Jake Lawlor</p> <p>Title: Assessing Global Marine Protected Areas In The Context Of Anticipated Species Range Shifts</p> <p>Authors: Jake Lawlor, Jessica Couture, William Cheung, Mark Costello, Lee Hannah, Emily Pidgeon, Gabriel Reygondeau, Jennifer Sunday</p>	<p>Presenter: Mireia Valle</p> <p>Title: The Importance Of Incorporating Water Column Data Into Species Distribution Models: A Case Study For Commercial Fish Of Atlantic Ocean</p> <p>Authors: Mireia Valle, Eduardo Ramirez-Romero, Leire Ibaibarriaga, Leire Citores, Jose A Fernandes and Guillem Chust</p>	<p>Presenter: Paul Taillie</p> <p>Title: Climate Adaptation Pushes Insular Endemic Species Closer To Extinction</p> <p>Authors: Paul Taillie and Robert McCleery</p>
1645	<p>Presenter: Mmoto Masubelele</p> <p>Title: Vulnerability And Adaptation Of Species And Biodiversity To Climate Change According To Management Of National Parks In South Africa</p> <p>Authors: Mmoto L Masubelele and Mohlamatsane M Mokhatla</p>	<p>Presenter: Jackson Valler</p> <p>Title: Climate Adaptation Postdoctoral Fellows Program: Climate-Mediated Species Movement</p> <p>Authors: Jackson Valler and Madeleine Rubenstein</p>	<p>Presenter: Verena Wang</p> <p>Title: Ontogenetic Habitat Constraints Of Marine Fishes In Temperate Environments</p> <p>Authors: Verena H. Wang, Lorenzo Ciannelli, Mark W. Nelson, Matthew J. Ajemian, Stephanie K. Archer, Marissa L. Baskett, J. Emmett Duffy, James W. Morley</p>
1700	<p>Presenter: Asena Goren</p> <p>Title: Dynamic Demography And Healthy Ecosystems</p> <p>Authors: Asena Goren</p>	<p>Presenter: Marcela Brasil de Castro Godinho</p> <p>Title: Anurans On The Move In The Atlantic Forest: What Happen To The Distributions In Different Scenarios Of Climate Change?</p> <p>Authors: Marcela, BrasilGodinho, Ricardo J., Sawaya and Ana Carolina, Carnaval</p>	
1715	<p>Presenter: Venetia Briggs-Gonzalez</p> <p>Title: Florida's Crocodiles: A Tale Of Two Shores</p> <p>Authors: Venetia S. BriggsGonzalez, Paul M. Evans, Frank J. Mazzotti</p>	<p>Presenter: Naití A. Morales</p> <p>Title: New migrants for scientists, old news for locals: Recent records of large sharks in the remote Rapa Nui (Easter Island)</p> <p>Authors: Naití A. Morales, Amy R. Coghlan</p>	
1800	Banquet Dinner Calusa Terrace (dinner, drinks and music; bring drink tickets)		

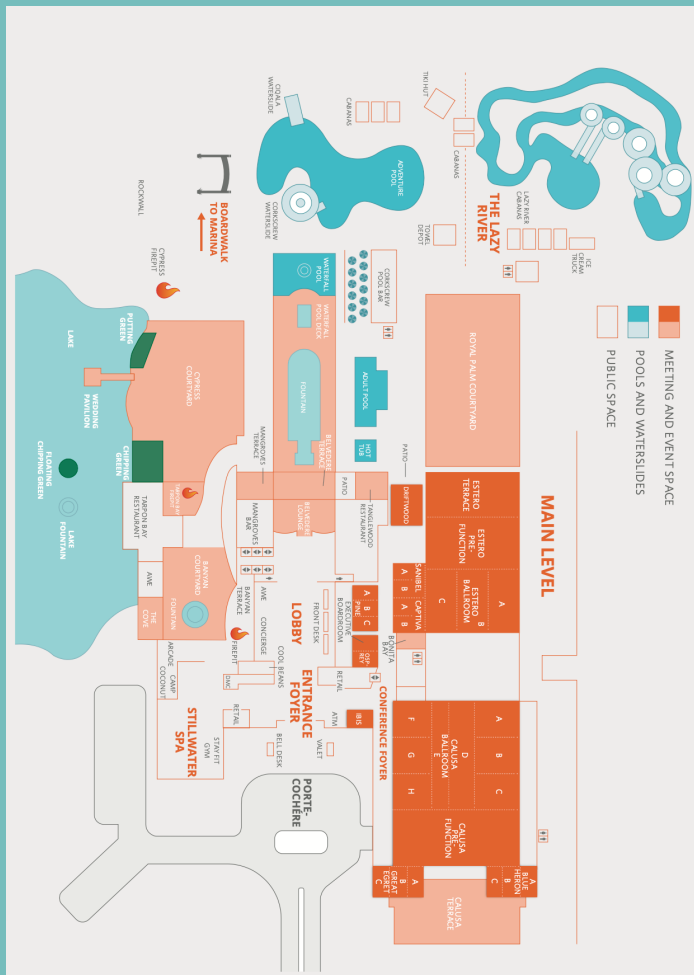
FRIDAY, MAY 19

Location	Calusa D-H (Session Chair: I-Ching Chen)		
0830	<p>KEYNOTE - Theme 8 Governance, legal, and ethical issues for shifting species and changing ecosystems <i>Governing Shifting Species and Changing Ecosystems: What Role Might Ecological Grief Play?</i> Robin Kundis Craig</p>		
0900	<p>KEYNOTE - Theme 5 Ecological responses to climate change from micro to macro scales <i>Microclimate change: the hidden driver of species redistributions</i> Jonas Lembrechts</p>		
0930	<p>KEYNOTE - Theme 10 Indigenous knowledge and species on the move <i>Rewilding in Finland: overview of the approach and stories from the field</i> Antoine Scherer</p>		
1000	Coffee & Tea Break Calusa Pre-Function (Snacks provided)		
1030-1130	Breakout Sessions		
Location	Calusa A	Calusa C	Great Egret
Session Chair	Wendy Lin-Bartles	Brunno Oliveria	Julie Lockwood
Time	Theme 9 - Cultural, social, and economic dimensions of changes in species distributions	Theme 1 - Detection, attribution, and prediction under species on the move	Theme 5 - Ecological responses to climate change from micro to macro scales
1030	<p>Presenter: Gretta Pecl</p> <p>Title: Climate-Driven 'Species-On-The-Move' Provide Tangible Anchors To Engage The Public On Climate Change</p> <p>Authors: Gretta T Pecl, Rachel Kelly, Chloe Lucas, Ingrid van Putten, Renuka Badhe, Curtis Champion, I- Ching Chen, Omar Defeo, Juan Diego Gaitan-Espitia, Birgitta Evengård, Damien Fordham, Fengyi Guo, Romina Henriques, Sabine Henry, Jonathan Lenoir, Henry McGhie, Tero Mustonen, Stephen Oliver, Nathalie Pettoirelli, Malin L. Pinsky, Warren Potts, Julia Santana-Garcon, Warwick Sauer, Anna-Sofie Stensgaard, Morgan W. Tingley, Adriana Verges</p>	<p>Presenter: David Eduardo Uribe-Rivera</p> <p>Title: Understanding The Effects Of Imperfect Detection And Information Sharing On The Temporal Predictive Performance Of Occupancy Models</p> <p>Authors: David E. Uribe- Rivera, Gurutzeta Guillera- Arroita, Saras M. Windecker, Solomon Z. Dobrowski and Brendan Wintle</p>	<p>Presenter: Marius Somveille</p> <p>Title: Predicting How Bird Migration Responds To Climate Change At Different Scales</p> <p>Authors: Marius Somveille</p>
1045	<p>Presenter: Anna Woodhead</p> <p>Title: Who Sees What? Differing Perceptions Of Marine Species Re-Distribution In Small Scale Tropical Fisheries</p> <p>Authors: Anna J. Woodhead, Paola Diaz, Magnus Nyström, Christina C. Hicks, Albert V. Norström</p>	<p>Presenter: Pallieter De Smedt</p> <p>Title: Predicting Soil Fauna Distribution In Their Non-Native Range: Terrestrial Isopods In North-America As Model Case</p> <p>Authors: Pallieter De Smedt, Pieter Sanczuk, Lander Baeten, Kris verheyen, Katalin Szlavecz</p>	<p>Presenter: Matthew Watson</p> <p>Title: Chaging Body Size In A Changing Climate: How Terrestrial Vertebrates Respond To Environmental Pressures</p> <p>Authors: Matthew Watson and Jeremy Kerr</p>

Location	Calusa A	Calusa C	Great Egret
1100	<p>Presenter: Mona Holy</p> <p>Title: Why Is The Role Of Biodiversity So Hard To Retell? Examining Effects In Public Diversity Narratives Through System Dynamics</p> <p>Authors: Mona Holy, Christian Hof</p>	<p>Presenter: Janelle Morano</p> <p>Title: Quantitative Characterization Of Fine-Scale Distributional Changes For Spatially Managing Fisheries</p> <p>Authors: Janelle L. Morano, Patrick J. Sullivan, Kevin Friedland</p>	<p>Presenter: Katherine Dale</p> <p>Title: Tradeoffs Between Phenology And Geography Constraints In Response To Environmental Changes In The Eastern Pacific</p> <p>Authors: Katherine E Dale, Lorenzo Cianelli, Jerome Fiechter, Mercedes Pozo Buil, Rubén Esteban García Gómez, Paty Jiménez- Rosenberg, Gerardo Aceves Medina, Andrew R. Thompson, John G. Field, Toby D. Auth, R. Ian Perry, Lauren Rodgers, Rebecca A. Howard, Rebecca G. Asch</p>
1115	<p>Presenter: Jessica Kahler</p> <p>Title: Complex Interactions Between Climate Change And Wildlife Crime In Social- Ecological Systems</p> <p>Authors: Jessica Kahler, Maria del Pilar Morales Giner, Vanessa Hull, and Jane Southworth</p>	<p>Presenter: Erik Beever</p> <p>Title: Assessing alternative land-use strategies to create spatial heterogeneity for bird species on the move, amidst climate variability</p> <p>Authors: Erik A. Beever, Adam B. Smith, Jennifer L. Wilkening, and Frankie D. Gerraty</p>	<p>Presenter: Ward Fonteyn</p> <p>Title: Extreme Blind Spot: Incorporating Climatic Extremes In Species Distribution Modelling</p> <p>Authors: Ward Fonteyn, Josep M. Serra-Diaz, Bart Muys, Koenraad Van Meerbeek</p>
Location	Calusa D-H		
1130	<p>Closing Ceremony - Remarks and Awards</p> <p>Brett Scheffers</p>		
1200	Coffee & Tea Break Calusa Pre-Function (Snacks provided)		
Location	Blue Heron		
1300-1700	<p>Workshop</p> <ul style="list-style-type: none"> Creating your own downscaled future climate data for ecological applications using CHELSA CMIP6 <p>Convenor: Dirk Nikolaus Karger</p>		

All Conference abstracts
can be viewed via the
QR code below





****Please note that the second set of restrooms by Blue Herron are designated for Gender Neutral and will have a sign displayed throughout the conference**



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