

# Pathways Europe 2024: Human Dimensions of Wildlife Conference & Training Program



## “Revisiting What Is Wild for Coexisting”

13-16 October 2024 | Palacio de Congresos de Córdoba | Córdoba, Spain

**Brought to you by:**



HUMAN DIMENSIONS  
OF NATURAL RESOURCES  
COLORADO STATE UNIVERSITY



UNIVERSIDAD  
DE  
CÓRDOBA

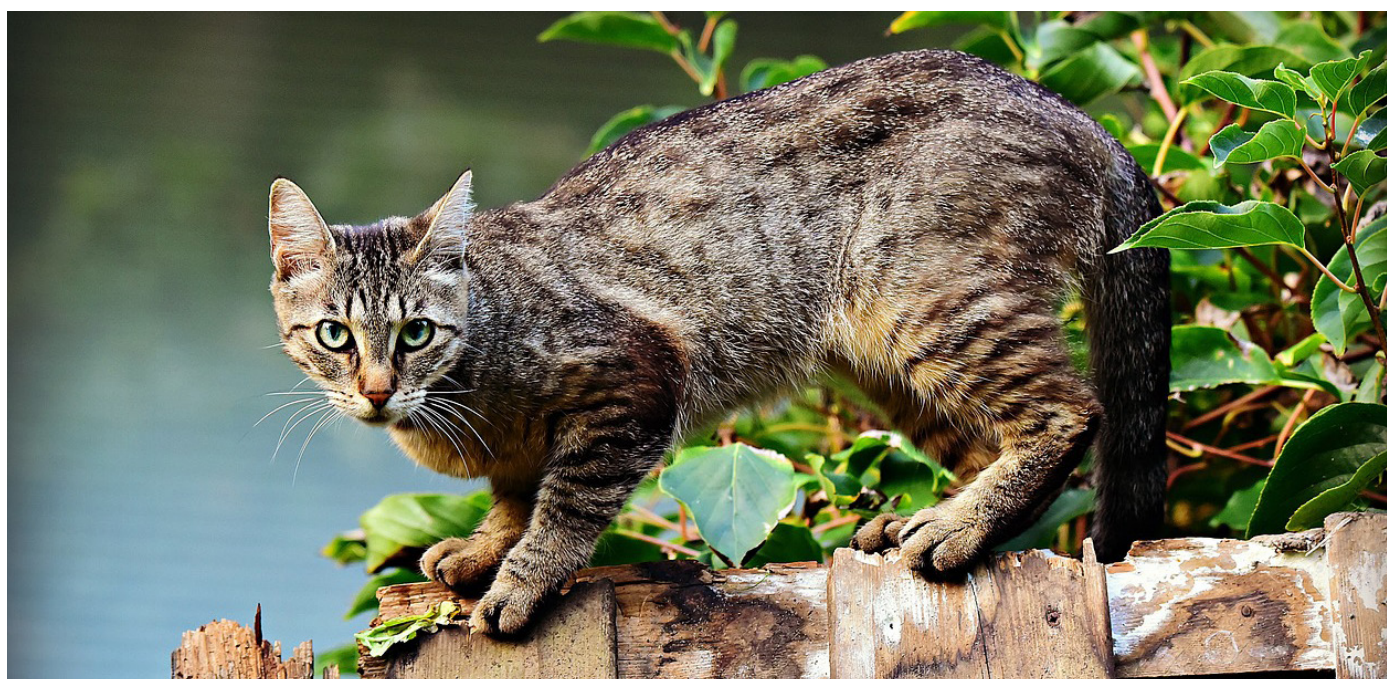


[PathwaysEurope.org](https://PathwaysEurope.org)

PATHWAYS  
human dimensions

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# Pathways Europe 2024

## WELCOME TO PATHWAYS EUROPE 2024 - “REVISITING WHAT IS WILD FOR COEXISTING”

The theme of the conference is “Revisiting What Is Wild for Coexisting.”

The concept of “wild” often refers to elements of nature that remain untamed and unaltered by human intervention. Some argue that in today’s interconnected world, true wild, untouched by human influence, is exceedingly rare or perhaps even nonexistent. In this human-dominated era, in the Anthropocene, new challenges and new debates arise around what is wild and what is natural.

In the Anthropocene era, human intervention is replacing the natural world, leading us to bear the responsibility of making thoughtful choices about whether a particular species should continue to exist or vanish. Who defines the natural habitat of wildlife? Is a green space or an agricultural field just as natural, or “natural” as a remote secondary forest? When should we regard wildlife range expansion as part of a species’ natural habitat, or should we classify these pioneering animals as alien species, possibly necessitating legal measures for prevention, management, and elimination? With climate change creating novel ecosystems, what is an invasive species? Could they be replacing another species with a functional role that would not survive because of the climate land-use change?

The changes linked to the Anthropocene era challenge conventional notions and strategies in biodiversity conservation, including concepts like wild, wilderness, native and non-native species, diversity within species and ecosystems, and the criteria for measuring success in biodiversity conservation.

This year’s conference theme is “Revisiting What is Wild for Coexisting.” With this in mind, among other topics, Pathways Europe 2024 will be exploring topics related to native and non-native wildlife, debates around sharing different landscapes for the conservation of wildlife, and how to adapt to forthcoming changes for enhancing coexistence.

In pursuit of Pathways’ mission of increasing the professionalism and effectiveness in the human dimensions of wildlife management field, we continue to address the most pressing issues facing conservation efforts today. We invite your perspectives on this critical topic.

### Topics to explore:

- Invasive, non-native, alien species
- Free-ranging domestic animals
- Urban-city wildlife
- Protected areas spaces, green spaces, wilderness
- Coexistence-conflict
- Re-wilding,
- Ethical-moral implications

**Why:** Our mission is to increase professionalism and effectiveness in the Human Dimensions of Wildlife Management field. We invite you to join us in this critical wildlife conservation effort.

**About the Conference:** Pathways Europe 2024 is a part of the Pathways: Human Dimensions of Wildlife Conference and Training. Founded by Prof. Michael J. Manfredo and Prof. Jerry Vaske, at Colorado State University, the program is designed to address the myriad issues that arise as people and wildlife struggle to coexist in a sustainable and healthy manner. Pathways Europe 2024 marks the 14th iteration of the Pathways conference over the last 16 years.

# CONFERENCE ORGANIZERS

## Conference Planning Committee

### Conference Co-Chairs



**Michael J. Manfredo**  
Professor & Department Head  
Human Dimensions  
of Natural Resources,  
Colorado State University



**Jenny Anne Glikman**  
Senior Researcher  
Instituto de Estudios  
Sociales Avanzados



**Fernando Garrido**  
Instituto de Estudios  
Sociales Avanzados



**David Moscoso Sanchez**  
Departamento de Sociología,  
Universidad de Córdoba



**Paqui Castro Notario**  
Avanzados Departamento de  
Didacticas Especificas,  
Universidad de Córdoba



**Rafael Villafuerte**  
Instituto de Estudios  
Sociales Avanzados

### Conference Staff



**Emily Schmieding**  
Conference Coordinator  
Human Dimensions  
of Natural Resources,  
Colorado State University



**Patricia Hidalgo Vaquerizas**  
Local Conference Coordinator  
Instituto de Estudios  
Sociales Avanzados



**Zebensui Morales Reyes**  
Instituto de Estudios  
Sociales Avanzados



**Maria Gonzalez**  
Instituto de Estudios  
Sociales Avanzados

## Conference Advisory Board

GIUSEPPE BELUSCHI, UNIVERSITY OF CÓRDOBA

ANTONIO CASTRO, UNIVERSITY OF ALMERIA

MIGUEL DELIBES MATEOS, INSTITUTE FOR ADVANCED SOCIAL STUDIES

CHRISTIAN GAMBORG, UNIVERSITY OF COPENHAGEN

CATHERINE HILL, OXFORD BROOKES UNIVERSITY

MAARTEN JACOBS, WAGENINGEN UNIVERSITY AND RESEARCH

MARIA MARTINEZ, INSTITUTE OF FOREST SCIENCES

GIOVANNA MASSEI, UNIVERSITY OF YORK

AGNIESZKA OLSZANSKA, POLISH ACADEMY OF SCIENCES

CAMILLA SANDSTRÖM, UMEÅ UNIVERSITY

EICK VON RUSCHKOWSKI, ALFRED TOEPFER ACADEMY FOR NATURE CONSERVATION



### **INSTITUTO DE ESTUDIOS SOCIALES AVANZADOS - CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS**

The Institute for Advanced Social Studies (IESA) conducts research activities in the field of social science. From an institutional standpoint, IESA operates under Spanish Research Council (CSIC) and is integrated into the Society Global Area, and develops research work from an interdisciplinary point of view. IESA is committed to the ongoing innovation of its work methodology, substantive guidance of its research, and the profile of its audience, always with a view to maximizing both the strictly scientific impact and the widest social impact of the knowledge generated. IESA focuses its scientific interest on four research groups: 1) challenges of contemporary democracies 2) social identity, subjective well-being, and behavior; 3) sociology of innovation; and 4) Territory, Agriculture, Environment and Sustainability (TRAMAS). The researchers within TRAMAS address the processes of change affecting territory and development, and follow three different but converging thematic priorities: 1) dynamics of rural transformation, 2) agriculture and rural development, and 3) human dimension of nature, landscape, and environment.



### **UNIVERSIDAD DE CÓRDOBA**

The University of Córdoba (UCO) is a public academic and scientific institution with two centuries of history. Its juvenescence and size, with 21,000 students, just over 1,200 professors, and 700 administration and service workers, have given it the necessary dynamism to gradually adapt and enter the 21st century as a university of high teaching quality and proven scientific solvency. It has centuries-old studies such as those of veterinary medicine, unique in Andalusia. UCO's studies range from humanities and legal-social sciences to health sciences and scientific-technical careers (agrifood, scientific and technical).



### **DEPARTMENT OF HUMAN DIMENSIONS OF NATURAL RESOURCES, COLORADO STATE UNIVERSITY**

The Department of Human Dimensions of Natural Resources (HDNR) at Colorado State University is well positioned to meet complex challenges of natural resource management with a growing global population. It does this through understanding and attending to the needs and values of humans, human society, and culture as they relate to the conservation and enjoyment of the natural environment. It is HDNR's mission to empower people to explore and sustain their world. With HDNR's belief in integrity, impact, diversity, innovation, sustainability and wellbeing, the vision of the department to reimagine learning and discovery to benefit both people and the natural world. The department offers an M.S. and Ph.D. in human dimensions of natural resources, a Master of tourism management, and an M.S. in conservation leadership; as well as a graduate certificate in communications for conservation.

## CHECK-IN AND REGISTRATION

Upon arrival at the conference in Córdoba, check in with the conference organizers at the registration desk, which will be located in the lobby of the Palacio de Congresos de Córdoba (more info on page 12). All accommodations operate separately from the conference, and should be booked in advance.

### Registration Desk Operating Hours:

SUNDAY, 13 OCTOBER: 12:00-18:00

MONDAY, 14 OCTOBER: 8:00-18:00

TUESDAY, 15 OCTOBER: 8:00-18:00

WEDNESDAY, 16 OCTOBER: 8:00-12:00

*It is required that you check in prior to attending any conference sessions.*

## WIFI

More information coming soon...

## CARBON OFFSET OPTION

### Trees, Water & People

**Price: 10 USD (9.78 EUR) / 1 Ton of CO2**

The Trees, Water & People mission is to improve lives by helping communities to protect, conserve, and manage their natural resources. It designs conservation projects throughout Latin America and on U.S. Tribal Lands with one question in mind: How can we improve the environment while creating economic opportunity for local people? The TWP Development Model empowers communities to gain access to resources in a sustainable way.

TWP's in-house carbon calculator provides us with an effective way to offset our impacts on our planet while tangibly improving quality of life in some of the world's most challenging places.

**To purchase offsets, visit: <https://treeswaterpeople.org/offset>**

Though carbon offsets are left entirely up to participants, we recommend attendees arriving from anywhere in Europe to consider purchasing offsets of **2 tons** (the equivalent of a round trip direct flight, plus taxis, meals, and hotel stays) to cover their travel. From North America, we recommend purchasing **3 tons**. Other calculations can be made online.

### REGISTRATION INCLUSIONS

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**Daily registration** includes access to all conference sessions, workshops, plenary talks, coffee breaks, and lunch. *The conference dinner or the evening social are additional charges.*

**Full conference registration** includes access to all conference sessions from Sunday through Wednesday, all lunches and coffee breaks. *The conference dinner and the evening socials are additional charges.*

**Student registration** includes access to all conference sessions from Sunday through Wednesday, all lunches and coffee breaks. *The conference dinner and the evening socials are additional charges.*

### GETTING AROUND CÓRDOBA

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The three recommended hotels with conference group rates (see page 10) are within a short walk (10 minutes or less) to the conference center.

If you are staying elsewhere in Córdoba, we recommend taking busses or taxis to the conference venue. The city operates 14 urban bus lines through Aucorsa, all offering the low rate of €1.30 per one-way ticket. You can also buy a discounted tourist card: €5 for 24-hours or €10 for 72-hours.

In addition to purchasing tickets in person, you can download the Aucorsa app for a simpler way to ride. See the bus lines, schedules, and more on the [Aucorsa website](#).

### EMERGENCIES

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Emergency numbers in Spain:

General emergency - 112

Medical emergency - 061

National police - 091

Local police - 092

The nearest 24-hour emergency room is the [Hospital Cruz Roja de Córdoba](#). The hospital is located at: C. San Vicente de Paul, S/N, Centro, 14004 Córdoba, Spain.

## ABOUT CÓRDOBA, SPAIN

Córdoba is located in Andalusia, Spain, and has a rich background influenced by Roman settlements, Visigoths, and Muslim culture. During its Muslim periods, Córdoba grew in size and educational prowess, becoming the second-largest city in Europe by the 10th century.

Córdoba is now home to four UNESCO World Heritage Sites, which include the entire historic town center, the Mezquita-Catedral, Medina-Azahara, and Festival del los Patios. While in Córdoba, enjoy the vibrant city culture and explore the history of Southern Spain.

### LOCAL MAP



#### Conference Locations:

1. Faculty of Philosophy and Letters: Pl. Cardenal Salazar, 3  
**Location of pre-conference trainings on 13 October.**
2. Rectorado (President's House) of Córdoba University: Av. de Medina Azahara 5  
**Location of Sunday evening social and welcome session on 13 October.**
3. Congress Palace of Córdoba: Torrijos, 10  
**Location of conference sessions 14-16 October.**

#### Conference Hotels (With Group Rate):

4. Hotel Eurostars Maimonides: C. Torrijos, 4
5. Hotel Eurostars Conquistador: C. Magistral González Francés, 15
6. Hotel Hesperia: Av. Fray Albino, 1



## LOCAL ACTIVITIES

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### SEE THE SIGHTS

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- [Mezquita-Cathedral](#): large Cathedral with towers and a patio, featuring Islamic and Catholic influences  
*€11 entry; open daily*
- [Pacios of Córdoba](#): courtyards with beautiful plants and tiling  
*Pricing varies; privately owned*
- [Roman Bridge](#): ancient bridge with 16th-century arches
- [Roman Temple](#): the only roman temple ruins in Cordoba
- [Calleja de la Flores](#): narrow, flower-filled street in the Jewish Quarter
- [Sinagoga](#): small synagogue built between 1314-1315  
*Free to enter; open Tuesday-Sunday*
- [Alcazar de los Reyes Cristianos](#): fortress located next to the river  
*€5 entry; open Tuesday-Sunday*
- [Puerta de Almodovar](#): the only surviving gate into the city
- Statues of [Seneca](#), [Maimonides](#), and [Averroes](#): statues of important historic figures
- [Baths of the Caliphate Alcazar](#): ruins of the Arabic bath  
*€3 entry; open Tuesday-Sunday*
- [Caballerizas Reales de Córdoba](#): royal stables of Córdoba

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### MUSEUMS

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- [Museum of al-Andalus Life and Calahorra Tower](#)  
*€4.50 entry; open daily*
- [Museo Taurino Córdoba](#): bullfighting museum  
*€5 entry; open Tuesday-Sunday*
- [Museo Julio Romero de Torres](#): art museum  
*Open Tuesday-Sunday*
- [Casa de Sefarad](#): museum of Sephardic Judeo-Spanish history and reality  
*Open Tuesday-Sunday*

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### SHOPPING

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- [Plaza de las Tendillas](#): an Art-Deco style plaza with cafes and shopping
- [Zoco Municipal](#): artisan market located within a large patio  
*Free to enter; open daily*

## LOCAL ACTIVITIES

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### ENTERTAINMENT

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- Flamenco: flamenco dancing is from Andalusia, with shows typically offering food, drinks, and dancing.  
*Prices vary.*
- [Caballerizas Reales de Córdoba](#): horse riding and demonstration shows Wednesday through Saturday.  
*€17,50 per person.*
- [El Alma de Córdoba](#): a sound and light show produced at night by the Mezquita to experience the “soul” of Córdoba.  
*€20 per person.*

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### RESTAURANTS

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The following are a few recommendations near the Mezquita and the conference venue:

- Bodegas Mezquita: central restaurant with a daily menu and tapas
- Bar Santos: quick and easy take-out meals

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### FOODS TO TRY IN CÓRDOBA

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- *Salmorejo*: creamy cold tomato soup with bread, olive oil and garlic
- *Rabo de toro*: oxtail stew
- *Fino*: white wine from nearby Montilla-Moriles region

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### LODGING

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Recommended hotels with conference group discounts:

- [Hotel Eurostars Maimonides](#): C. Torrijos, 4  
10% group discount code: EUROECP24
- [Hotel Eurostars Conquistador](#): C. Magistral González Francés, 15  
10% group discount code: EUROECP24
- [Hotel Hesperia](#): Av. Fray Albino, 1  
10% group discount code: HESPERIACONGRESO

Other low-cost hotel recommendations:

- [Pensión Internacional Córdoba](#): C. Juan de Mena, 14, Centro, 14002 Córdoba, Spain
- [Hotel Marisa](#): C. Cardenal Herrero, 6, Centro, 14003 Córdoba, Spain
- [Apartments Tandem Calahorra](#): Pl. Tejar, 2, Sur, 14009 Córdoba, Spain
- [Hotel Córdoba Center](#): Av. de la Libertad, 4, Noroeste, 14006 Córdoba, Spain

### ANDUJAR & LYNX DAY TRIP

**17 October 2024, 7:00 – 18:30**

**Cost: €20**

**Pickup & dropoff outside of the Hotel Hesperia (Avenida del Fray Albino 1, 14009 Córdoba Spain)**

The mountain range of Andujar Natural Park, located northwest of Jaen province in the middle of Sierra Morena, features the largest patches of Mediterranean forest on the Iberian Peninsula. This forest is dominated by holm oak and cork oak, with gall oak at higher, more humid altitudes. The park is home to highly threatened species such as the lynx and the imperial eagle, which have some of their last remaining habitats in these mountains. Livestock farming is also significant, with extensive meadows dedicated to breeding fighting bulls and hunting deer, fallow deer, roe deer, mouflon, and wild boar. Additionally, the Sanctuary of the Virgen de la Cabeza on Cabezo Hill is notable, with its annual pilgrimage in April drawing tens of thousands of people from across Spain.

After a short bus ride, we will head to the Sanctuary of the Virgen de la Cabeza, where we will begin an easy walk down through some areas where conservation measures have been taken for the recovery of the Iberian lynx. In fact, the lynx population in Andújar is the densest and best preserved, where thorough monitoring is conducted.

The trail will end by a stream of crystal clear waters where we will have lunch. Afterward, on the return bus trip, we will head to the “Cercado del Ciprés,” a forest park where we will visit an exhibition about the Natural Park and the “Iberian Lynx Ecomuseum,” where we can see some Iberian lynx specimens up close and learn more about the species.

#### **INCLUDED IN THE COST (€20):**

- Travel by bus to and from field trip locations
- Breakfast at Los Pinos
- Picnic lunch
- Entrance to Natural Park and Museum

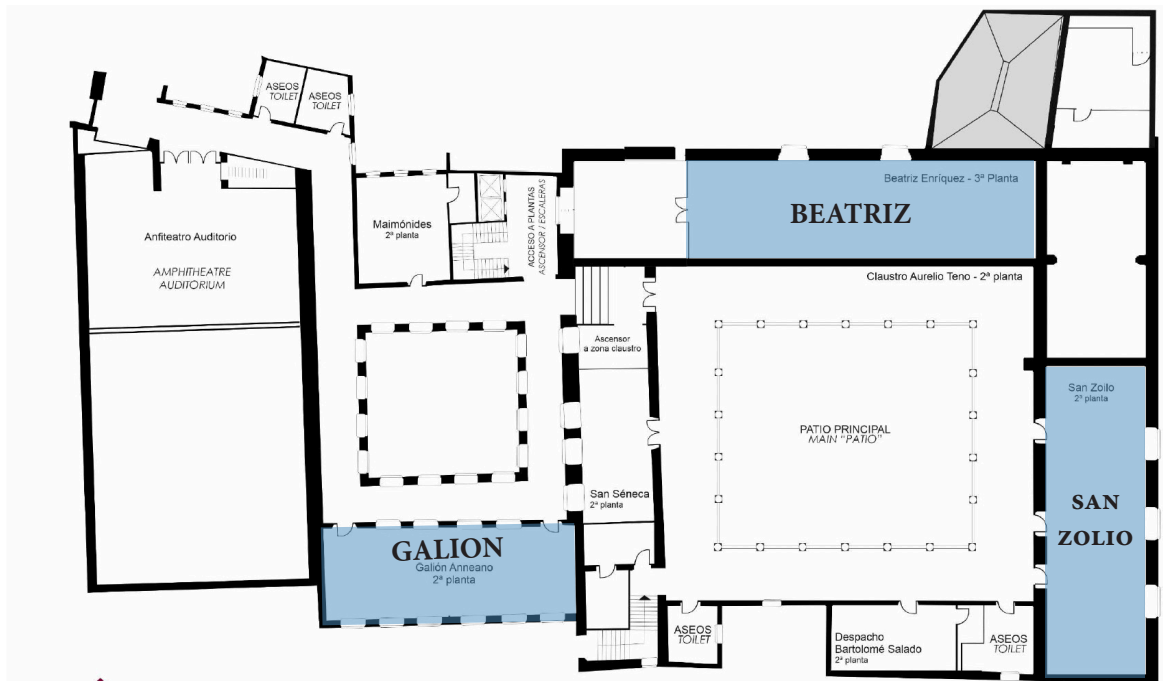


# BUILDING LAYOUT: PALACIO CONGRESOS DE CÓRDOBA

ADDRESS:  
C. Torrijos, 10, Centro, 14003 Córdoba, Spain



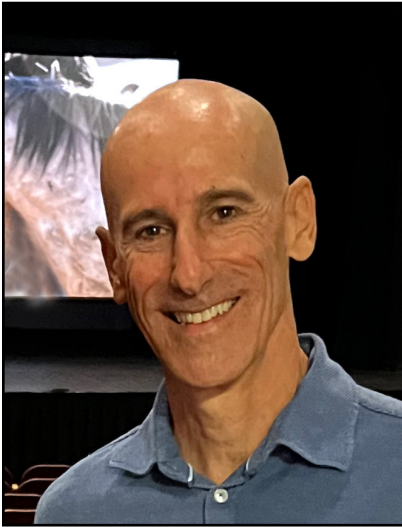
PLANTA BAJA - GROUND FLOOR



(PLANTA ALTA - TOP FLOOR)  
2ª y 3ª planta

# PLENARY SPEAKERS:

Sunday, 13 October 2024, 16:30 | Rectorado of Córdoba University



**ALBERTO JOSÉ REDONDO VILLA: PROFESSOR, DEPARTMENT OF ZOOLOGY, UNIVERSITY OF CORDOBA**

**Biography:** Dr. Alberto Redondo is a professor of Zoology at the University of Cordoba and is part of the UCO-CSIC Associated Unit “Society, Ecology and Environmental Management.” He has directed more than 60 nature documentaries that have been broadcast on television all over the world and has received more than 15 international awards for the cinematographic quality of his documentaries, but also for his important work in the dissemination of nature and science. Among other things, he has worked with birds, butterflies, and horses, specializing in urban fauna, and is currently leading an international scientific diving project.

## SEEING SCIENCE

Cinema allows the narrative power of the word to be combined with the power of photography and music, all this combined with rhythm, the treatment of color, and the combination of all these elements. The result is an enormous communicative potential, capable of generating emotions almost like no other art form. These characteristics endow the audiovisual with a tremendous communicative capacity. Telling a story with this tool is undoubtedly one of the most effective means. But it is precisely its power that determines the difficulty of controlling all the elements that determine the success of the proposal. Alberto has dedicated his professional life to teaching, research, and dissemination through documentaries. In this talk, he will take a brief look back over my career and try to share the keys to his experience.



**A. ALONSO AGUIRRE: DEAN, WARNER COLLEGE OF NATURAL RESOURCES, COLORADO STATE UNIVERSITY**

**Biography:** A. Alonso Aguirre is Dean of the Warner College of Natural Resources at Colorado State University. For the past 30 years he has worked in many countries focusing on the conservation of endangered species and ecosystems. Dr. Aguirre co-founded the emerging discipline of Conservation Medicine, the journal EcoHealth and the International Association of Ecology and Health. He has advised governments of several countries in the Americas, Asia, and Europe and briefed congress in Mexico and the USA.



**MANUEL TORRALBO RODRIGUEZ: DEAN, UNIVERSITY OF CORDOBA**

**Biography:** Manuel Torralbo Rodríguez has been the Dean of the University of Córdoba since July 9, 2022. In addition to his role as Dean, he is a University Professor in the Area of Didactics of Mathematics and a member of the research group “Didactics of Mathematics: Numerical Thinking.” Throughout his professional career, he has combined teaching, research, and management. He has also served as Secretary General of Universities, Research and Technology, and as Director General of Universities of the Junta de Andalucía.

# PLENARY SPEAKERS



**BERTA MARTÍN-LÓPEZ: PROFESSOR, INTERNATIONAL SUSTAINABLE DEVELOPMENT AND PLANNING, LEUPHANA UNIVERSITY OF LÜNEBERG**

**Biography:** Prof. Dr. Berta Martín-López is Professor of International Sustainable Development and Planning and heads the Social-Ecological Systems Institute (SESI) at Leuphana with Prof. Dr. Jörn Fischer. Her research is based on three main principles: collaborative and interdisciplinary research aiming to understand the role of values, knowledge and institutions in supporting transition pathways to sustainability; impact-oriented transdisciplinary research seeking impacts within and beyond academia; reciprocity and reflexivity, in the sense of respect for all persons involved in the research process, including in particular early career scholars and researchers from the Global South. Berta Martín-López is one of the most cited researchers worldwide (2019, 2020, 2021, 2022: “Highly Cited Researchers” report by Clarivate Analytic).

## RELATIONAL PARADIGMS FOR HUMAN-WILDLIFE COEXISTENCE

**Monday, 14 October 2024, 11:00 | Auditorium of the Palacio de Congresos de Córdoba**

Social-ecological research has recognized the importance of relational paradigms in promoting biodiversity conservation, mitigating conflicts and reducing social injustices. This relational paradigm has not yet fully applied and operationalized when studying human-wildlife interactions.

First, I will emphasize how the ongoing unfolding of social-ecological processes can either trigger human-wildlife conflicts derived from the clash between multiple worldviews or foster human-wildlife coexistence derived from the overlap of worldviews and motivations that are simultaneously social, emotional and political.

Second, I will question and challenge the use of concepts and frameworks used in studies focusing on human-wildlife interactions. For example, drawing on the Intergovernmental Panel on Biodiversity and Ecosystem Services’ work on Nature’s Contributions to People and relational values, I will demonstrate how these frameworks can deepen our understanding of human-wildlife interactions, moving beyond the discourse of human-wildlife conflicts.

Third, I will highlight the role of scientists to unfold processes within the systems we are studying that can lead to positive outcomes of human-wildlife coexistence, equity or justice. I will discuss how adopting a relational paradigm can lead to sustainability transformations when the methodological approach and research modus are inherently relational. In doing so, I will draw on lessons learned from social-ecological research on knowledge co-production and/or guided by a feminist ethos of care.

During the presentation, I will explore each of these themes by providing examples of social-ecological research to study human-wildlife interactions at local, regional, and global scales. Finally, I will conclude by critically evaluating how relational paradigms can contribute to promoting biodiversity conservation and sustainability while reducing environmental and social injustices.

# PLENARY SPEAKERS



**CAMILLA SANDSTRÖM: PROFESSOR, DEPARTMENT OF POLITICAL SCIENCE, UMEÅ UNIVERSITY**

**Biography:** Camilla Sandström is a researcher and professor of political science at Umeå University. Sandström's research is focused on the governance and management of natural resources (especially forests, wildlife, and biological diversity, attitudes towards animals and nature, and conditions for rural development). Since 2015, she has been the deputy program manager for Future Forests, a Mistra project run by SLU and Umeå University.

## **NAVIGATING HUMAN-WILDLIFE CONFLICTS: EXPLORING THE NEED FOR DYNAMIC GOVERNANCE STRATEGIES**

**Tuesday, 15 October 2024, 11:00 | Auditorium of the Palacio de Congressos de Córdoba**

As biodiversity conservation gains prominence on the global agenda, it necessitates a reevaluation of strategies for managing interactions between humans and wildlife. The Global Biodiversity Framework, serving as a catalyst for change, urges nations to adopt novel governance mechanisms to address the intricate challenges posed by human-wildlife conflicts (HWC). This talk will delve into cutting-edge initiatives with ambitions to transcend traditional conservation paradigms, emphasizing transdisciplinary approaches that integrate scientific, political, and cultural dimensions. Hence, the evolving landscape of HWC governance is examined considering the Global Biodiversity Framework's objectives, fostering a nuanced understanding of how innovations in policy, technology, and community engagement can potentially contribute to effective conflict resolution and coexistence.

Key themes include reflexive and adaptive governance structures that accommodate diverse stakeholder perspectives, and the incorporation of indigenous knowledge into decision-making processes, as well as the potential of using advanced technologies such as AI-based monitoring and early warning systems. By analyzing case studies and best practices from different regions, this talk aims to identify patterns of successful innovation and offer insights into the potential scalability and replicability of these approaches within the context of the new Global Biodiversity Framework.

Ultimately, this talk underscores the need for dynamic and forward-thinking governance strategies to mitigate human-wildlife conflicts, aligning with the aspirations of the Global Biodiversity Framework. However, it will also highlight the challenges associated with the need to identify overarching and global indicators to measure HWC and the necessity to adapt governance structures to local contexts.

# PLENARY SPEAKERS



**PIERO GENOVESI: PROFESSOR, DEPARTMENT FOR THE MONITORING AND PROTECTION OF THE ENVIRONMENT AND FOR BIODIVERSITY CONSERVATION, INSTITUTE FOR ENVIRONMENTAL PROTECTION AND RESEARCH (ISPRA)**

**Biography:** Piero Genovesi has been with ISPRA since 2007, where he is currently Head of the Wildlife Service. Since 1999, Genovesi has served as chair of the European Section of the IUCN SSC Invasive Species Specialist Group and has been chair of ISSG since 2009. Since 2013, he has been on the Steering Committee of the Species Survival Commission of IUCN. He is also the International Science Advisor for the Center for Invasion Biology at the University of Stellenbosch, South Africa. Genovesi collaborates with many international organizations, such as the Convention on Biological Diversity, the European Union, the Bern Convention, the European Environment Agency, and the Convention on Migratory Species. His main topics of interest are invasive species, carnivores' conservation (in particular wolves and

bears), translocations, sustainable wildlife harvest, and biodiversity monitoring. Coauthor of the European Strategy on Invasive Alien Species, Genovesi was included for four years in the list of the most cited researchers (2019, 2020, 2021, 2022: "Highly Cited Researchers" report by Clarivate Analytic).

## **CONFLICTS BETWEEN INVASIVE ALIEN SPECIES AND HUMANS: OUR BEHAVIORS CAUSE INVASIONS, WHILE OUR PERCEPTIONS OFTEN HINDER EFFORTS TO MITIGATE THEIR IMPACTS**

**Wednesday, 16 October 2024, 11:00 | Auditorium of the Palacio de Congressos de Córdoba**

For millennia, humans have moved species around the globe, which has been pivotal for the advancement of our societies. However, in recent centuries, the escalating introduction of invasive alien species has inflicted severe impacts not only on nature but also on human communities, particularly the most vulnerable among them. Invasive alien species not only imperil native species and ecosystems, but also exert multifaceted impacts on human societies, causing economic losses, threatening human health, jeopardizing food security, and depleting water resources.

The recent IPBES thematic assessment on invasive alien species provides up-to-date and comprehensive information for guiding action. However, the implementation of necessary measures to prevent and mitigate the impacts caused by invasive alien species can face limited support from the public and local communities, which is essential for stepping up action against this threat. This partly arises from the complex interactions of people with alien species and from the divergent interests and perceptions regarding them.

Additionally, some of the measures required to address invasive alien species, such as culling and control, or regulation of trade, can be contentious within societies due to conflicting values.

Biological invasions are closely linked to our behaviors, and addressing the conflicts between invasive alien species and humans is an essential component of efforts to prevent and mitigate the growing impacts caused by this threat. To achieve this aim, we need to consider the multiple dimensions involved, including ecological, economic, and social, as well as the relevant ethical considerations.



**SCHEDULE OVERVIEW (ALL TIMES IN CEST)**

**SUNDAY, 13 OCTOBER 2024**

12:00 - 18:00	<b>Registration Desk Open</b>
9:30 - 16:30	<b>Pre-conference trainings</b> Located at Faculty of Philosophy and Letters, Pl. Cardenal Salazar 3  <b>Trainings:</b> People-Centered Strategies for Human-Wildlife Conflict Management Exploring Conservation Social Science Biographies and Experiences  Details on page 24.
16:30 - 18:00	<b>Opening &amp; Plenary Session</b> Located at Rectorado of Córdoba University, Av. de Medina Azahara, 5  <b>Intro and Welcome Announcements by:</b> Michael Manfredo, Colorado State University Jenny Glikman, IESA-CSIC A. Alonso Aguirre, Colorado State University Manuel Torralbo, University of Cordoba Speaker from IESA-CSIC  <b>Plenary Talk:</b> Alberto Jose Redondo Villa, University of Cordoba (details on page 13)
18:00 - 20:00	<b>Evening Social</b>  Located at Rectorado of Córdoba University, Av. de Medina Azahara, 5

**SCHEDULE OVERVIEW (ALL TIMES IN CEST)**

**MONDAY, 14 OCTOBER 2024**

8:00 - 18:00	<b>Registration Desk Open</b>		
<b>Session M-1</b>	<b>M-1A</b>	<b>M-1B</b>	<b>M-1C</b>
9:00 - 10:30	Organized Session: Linking Rewilding and Coexistence Through Carnivore Restoration  (details on page 25)	Urban-Rural Wildlife  (details on page 37)	Human-Wildlife Conflict  (details on page 38)
10:30 - 11:00	<b>Coffee Break</b>		
11:00 - 12:00	<b>Plenary Talk</b> Berta Martín-López, Leuphana University of Lüneberg (details on page 14) Located in the Auditorium of the Palacio de Congresos de Córdoba		
<b>Session M-2</b>	<b>M-2A</b>	<b>M-2B</b>	<b>M-2C</b>
12:05 - 13:35	Rewilding & Living With Wildlife  (details on page 38)	Biodiversity  (details on page 37)	Changing Values & Perceptions of Wildlife  (details on page 38)
13:30 - 15:00	<b>Lunch</b>		

**SCHEDULE OVERVIEW (ALL TIMES IN CEST)**

**MONDAY, 14 OCTOBER 2024**

Session M-3	M-3A	M-3B	M-3C
15:00 - 16:30	<p>Organized Session: Rewilding: What about the people? - Part I</p> <p>(details on page 26)</p>	<p>Conservation &amp; Environmental Factors in Wildlife Management</p> <p>(details on page 37)</p>	<p>Organized Session: Shared Landscapes: Exploring conflict, coexistence, and power dynamics in extensive grazing systems with large carnivores - Part I</p> <p>(details on page 27)</p>
16:30-17:00	<p><b>Coffee Break</b></p>		
Session M-4	M-4A	M-4B	M-4C
17:00 - 18:30	<p>Organized Session: Rewilding: What about the people? - Part II</p> <p>(details on page 26)</p>	<p>Organized Session: Interdisciplinary Social-Ecological Research for Urban Sustainability: Navigating human-wildlife coexistence</p> <p>(details on page 28)</p>	<p>Organized Session: Shared Landscapes: Exploring conflict, coexistence, and power dynamics in extensive grazing systems with large carnivores - Part II</p> <p>(details on page 27)</p>
18:30-20:30	<p><b>Social &amp; Poster Session</b></p> <p>Details on pages 46-50.</p>		

**SCHEDULE OVERVIEW (ALL TIMES IN CEST)**

**TUESDAY, 15 OCTOBER 2024**

8:00 - 18:00	<b>Registration Desk Open</b>			
<b>Session T-1</b>	<b>T-1A</b>	<b>T-1B</b>	<b>T-1C</b>	<b>T-1D</b>
9:00 - 10:30	Workshop: Human-Wildlife Coexistence Principles  (details on page 29)	Recreational Impacts on Wildlife  (details on page 39)	Agriculture-Wildlife Interactions  (details on page 40)	Tech Usage in Wildlife Management  (details on page 42)
10:30 - 11:00	<b>Coffee Break</b>			
11:00 - 12:00	<b>Plenary Talk</b> Camilla Sandström, Umeå University (details on page 15) Located in the Auditorium of the Palacio de Congresos de Córdoba			
<b>Session T-2</b>	<b>T-2A</b>	<b>T-2B</b>	<b>T-2C</b>	<b>T-2D</b>
12:05 - 13:35	Organized Session: Coexisting With Wildlife Through Managing Conflicts: Balancing the needs of wildlife and humans  (details on page 29)	Large Carnivore- Human Conflict  (details on page 39)	Farmer-Wildlife Interactions  (details on page 40)	Panel Discussion: Navigating the Dangers of Social Media in Conservation  (details on page 31)
13:30 - 15:00	<b>Lunch</b>			

**SCHEDULE OVERVIEW (ALL TIMES IN CEST)**

**TUESDAY, 15 OCTOBER 2024**

<b>Session T-3</b>	<b>T-3A</b>	<b>T-3B</b>	<b>T-3C</b>	<b>T-3D</b>
15:00 - 16:30	<p>Organized Session: Coexistence in the Concrete Jungle: How do we share space in the more-than-human city? - Part I  (details on page 30)</p>	<p>Wolf-Human Conflicts - Part I  (details on page 41)</p>	<p>Land Owners &amp; Land Use  (details on page 40)</p>	<p>Unique Engagement &amp; Education  (details on page 42)</p>
16:30-17:00	<b>Coffee Break</b>			
<b>Session T-4</b>	<b>T-4A</b>	<b>T-4B</b>	<b>T-4C</b>	<b>T-4D</b>
17:00 - 18:30	<p>Organized Session: Coexistence in the Concrete Jungle: How do we share space in the more-than-human city? - Part II  (details on page 30)</p>	<p>Wolf-Human Conflicts - Part II  (details on page 41)</p>	<p>Marine &amp; Coastal Wildlife Management  (details on page 43)</p>	<p>Indigenous Perspectives on Wildlife Management  (details on page 43)</p>
18:00-20:00	<p><b>Conference Dinner</b></p> <p><i>Dinner must be purchased in advance; not included in registration costs.</i></p>			

**SCHEDULE OVERVIEW (ALL TIMES IN CEST)**

**WEDNESDAY, 16 OCTOBER 2024**

8:00 - 12:00	<b>Registration Desk Open</b>		
<b>Session W-1</b>	<b>W-1A</b>	<b>W-1B</b>	<b>W-1C</b>
9:00 - 10:30	<p>Organized Session: C2C: Conflict to coexistence approach–integrated HWC management - Part I  (details on page 32)</p>	<p>Organized Session: Rewilding with Pathogens? Disease transmission as conservation conflict  (details on page 34)</p>	<p>Boar-Human Conflict  (details on page 44)</p>
10:30 - 11:00	<b>Coffee Break</b>		
11:00 - 12:00	<p><b>Plenary Talk</b> Piero Genovesi, ISPRA (details on page 16) Located in the Auditorium of the Palacio de Congresos de Córdoba</p>		
<b>Session W-2</b>	<b>W-2A</b>	<b>W-2B</b>	<b>W-2C</b>
12:05 - 13:35	<p><b>12:05-12:35</b> Organized Session: C2C: Conflict to coexistence approach–integrated HWC management - Part II  (details on page 32)</p>	<p>Organized Session: Conflicts Involving Rabbits in the Iberian Peninsula: Perspectives on management and governance for coexistence  (details on page 35)</p>	<p>Cervid-Human Management  (details on page 44)</p>
	<p><b>12:35-13:35</b> Caged Wildlife: The decline of the fur trade - 60 min  (details on page 33)</p>		

**SCHEDULE OVERVIEW (ALL TIMES IN CEST)**

**WEDNESDAY, 16 OCTOBER 2024**

13:30 - 15:00	<b>Lunch</b>		
<b>Session W-3</b>	<b>W-3A</b>	<b>W-3B</b>	<b>W-3C</b>
15:00 - 16:30	Ethical Dilemmas in Wildlife Management  (details on page 45)	Organized Session: Coexistence, Coadaptation and Ambiguity: Living together With wildlife  (details on page 36)	Bear-Human Conflicts  (details on page 44)
16:30-17:00	<b>Coffee Break</b>		
<b>Session W-4</b>	<b>W-4A</b>	<b>W-4B</b>	<b>W-4C</b>
17:00 - 18:30	Disease Control in Human-Wildlife Management  (details on page 45)	Invasive Species  (details on page 45)	Workshop: How to DO Coexistence?  (details on page 33)

**People-Centered Strategies for Human-Wildlife Conflict Management**

**Led by:** Eva Maria Cattoen (Ecologist, Facilitator, and Certified Mediator), Eva Gross (HWC Management Expert and Trained Mediator)

**Session Info:**

At the European level and worldwide, tensions between stakeholder groups over the use and protection of the natural environment and the coexistence with wildlife are unfolding in new directions due to various developments like climate change, biodiversity crisis and polarisation in society. Especially the return or population increase of large carnivores, such as wolves, bears, lynx or wolverine, in multiple European countries brings various groups into conflict of interests. The actors involved in these conflicts often lack the capacity, knowledge and skills to manage them, which may lead to high frustration on all sides and in the worst case further escalation.

Environmental facilitation and mediation for alternative dispute resolution as well as structured approaches like the C2C (conflict to coexistence) approach established by the WWF support constructive dialogue among involved parties and help dealing with environmental conflicts. Conflict management techniques such as de-escalation methods, non-violent communication, interest-based dialogue, professional negotiation tools and multi-stakeholder approaches have proven to be beneficial for constructive processes. While participatory co-design approaches facilitated by neutral or third-party mediators are able to increase social learning, and the willingness to dialogue and engage across differences, it may as well add social justice benefits, such as respect for local knowledge and measures that redress the inequitable distribution of environmental impacts and policies.

In this short course, we will explore how participation and mediative work can help addressing human-wildlife conflicts and we will hear about tools and practice methods used in conflict mediation. The course is based on case studies from Europe and beyond and aims at sharing knowledge, best-practice and experience. It is well suited for those who are interested in gaining insights into environmental mediation and explore about its potential.

**Exploring Conservation Social Science Biographies and Experiences**

**Led by:** Dr. Claudia Grunewald (Independent Researcher), Dr. Thomas Fish (U.S. Department of the Interior / National Park Service), Dr. Eick von Ruschkowski (Alfred Toepfer Akademie für Naturschutz)

**Session Info:**

The need for better integration of social sciences into conservation is widely recognized, yet narrowing the persistent science-practice gap remains a major challenge. Diffusion of social science in both conservation training and practice varies by geographic region. Drawing on ideas from “innovation biographies” – that investigate knowledge dynamics and exchange, including social relations, contextual settings, and cross-sectoral reach with narrative interviewing amongst other methods – we employed a modified Delphi technique targeting both seasoned and early career scientists and conservation practitioners from Europe and North America to outline “conservation social science biographies” (e.g., how individuals first get in touch with and become further interested or invested in the field). Participants were asked if they felt part of a “community of practice” and what conditions in their working environments enhanced or constrained their experiences. Additionally, we identified needs, tools, and promising intervention points for early academic training and continued professional development to advance interdisciplinary approaches to conservation and wildlife management.

The workshop will include an overview of the innovation biography approach, results from the Delphi study, and a mix of individual and interactive group exercises. Participants will actively engage with each other to share their experiences and develop their own conservation social science biographies. Workshop activities will enhance understanding of intervention points, needs, tools, and strategies for training and workforce development toward advancing a more robust community of practice in Europe (and beyond). The workshop will also inform the development of a multi-author paper on social science diffusion in conservation.



# SYMPOSIUM DETAILS

## Linking Rewilding and Coexistence Through Carnivore Restoration

**Session Chair:** Jeremy Bruskotter (Ohio State University)

**Monday, 14 October 2024 | 9:00-10:30**

**Session M-1A**

Rewilding presents a transformative approach to conservation, focusing on restoring ecosystems to their natural states and reintroducing species to restore lost ecological functions. However, the success of rewilding initiatives—especially those involving large carnivores—often hinges on the ability to address and mitigate human-carnivore conflicts, fostering tolerance and coexistence among local communities. This session recognizes that successful rewilding efforts require not only understanding the ecology of these systems, but also a deep appreciation of the socio-cultural dimensions that underly how humans interpret human-wildlife interactions. The proposed session will convene scholars representing diverse disciplinary perspectives to examine the crucial role of human-wildlife coexistence strategies in reintroducing carnivores for the purpose of rewilding. The session will consist of a series of presentations that introduces the concept of rewilding and its relation to coexistence, case studies demonstrating both successful and failed efforts and coexistence, and efforts to understand factors that promote greater tolerance for wildlife (a prerequisite to coexistence). Presentations will be followed by a group panel discussion aimed at provoking dialogue and synthesis. By leveraging insights from conservation biology, environmental ethics, and the social sciences, the session aims to illuminate how we might enhance the effectiveness of rewilding efforts, ensuring both ecological restoration and harmonious human-wildlife relationships.

### **Abstracts:**

#### **Coyotes Welcome Here: Attitudes and encounters with coyotes among neighbors of an urban park**

Lisa Naughton (University of Wisconsin-Madison), Raina Eddy (University of Wisconsin-Madison), Adrian Treves (University of Wisconsin-Madison)

#### **Rewilding Ourselves: What wolves, beaver, and butterflies tell us**

Suzanne Asha Stone (The International Wildlife Coexistence Network)

#### **Disentangling the Influence of Religion, Political Orientation, and Rurality on Attitudes About Rewilding in the United States**

John Vucetich (Michigan Technological University), Jeremy Bruskotter (Ohio State University)

#### **Robust Inference and Errors in Wildlife Control Studies**

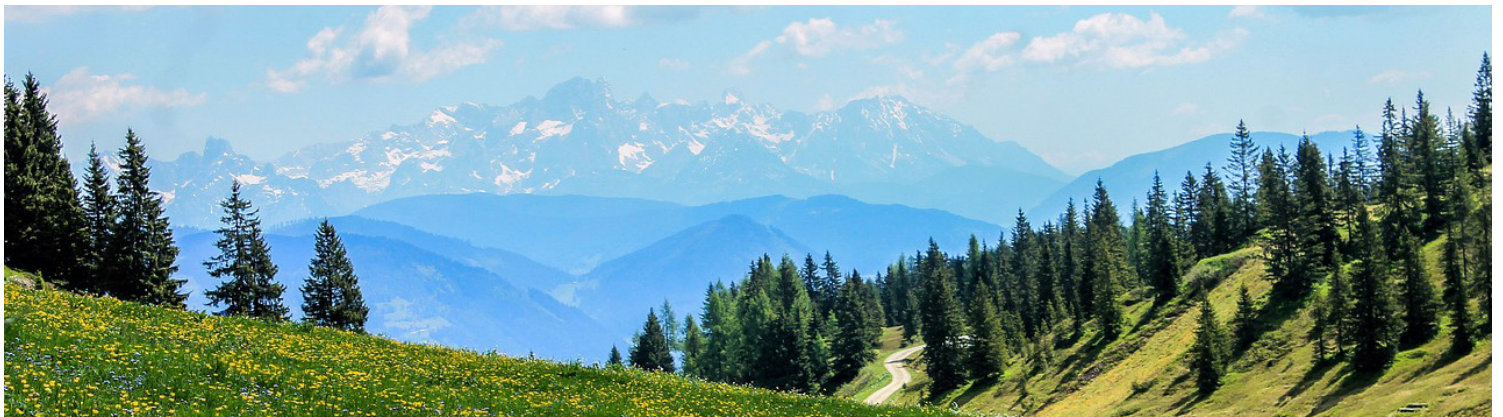
Adrian Treves (University of Wisconsin-Madison), Igor Khorozyan (WWF Armenia)

#### **Exploring the Origins of Intolerance for Large Carnivores in the U.S.**

Jeremy Bruskotter (Ohio State University), John Vucetich (Michigan Technological University), Shelby Carlson (Cornell University)

#### **From Ethics of Restraint to Ethics of Reciprocity**

Michael Nelson (Oregon State University)



## **SYMPOSIUM DETAILS**

### **Rewilding: What about the people? (Parts I & 2)**

**Session Chairs:** Adriana Consorte-McCrea (IUCN/SSC CTSG Human-Wildlife Interactions Working Group), Siân Waters (Barbary Macaque Awareness & Conservation)

**Monday, 14 October 2024 | 15:00-16:30 & 17:00-18:30**

**Sessions M-3A & M-4A**

As people increasingly impact on habitats, wildlife is under unprecedented pressure globally. Historically, any species were extirpated as northern Europeans exploited their own and others' resources. Conservationists and state agencies and others have been working to reintroduce some species. Many species have taken advantage of decreased hunting pressure and the urban-rural diaspora in many countries to rewild previous areas of their distribution. Other species have been pushed out of their habitats due to development but have found a way to reinsert themselves into now developed areas. In many cases, wildlife must contend with people who may not be positive about the species' return and in others the species are welcomed back because of their cultural significance. In this symposium, various conservation practitioners describe their work on understanding how to improve the coexistence of people and returning wildlife.

#### **Abstracts (Part I):**

##### **Tolerating Returning Primates: A case study from Zanzibar**

Siân Waters (Barbary Macaque Awareness & Conservation), Abdalla Ibrahim (State University of Zanzibar), Tim Davenport (Re:wild), Alexander Georgiev (Bangor University)

##### **Rewilding Governance For and With People**

Juliette Young (INRAE), James Butler (Cawthron Institute), Mariella Marzano (Forest Research), Johan du Toit (Institute of Zoology), Nathalie Pettorelli (Institute of Zoology)

##### **Coexistence With Elusive Carnivores: Social feasibility in hindsight**

Grace van der Wielen (Forest Research), Rachel Orchard (Forest Research)

#### **Abstracts (Part II):**

##### **Towards a Multidimensional and Integrated Approach to Conservation Translocations**

Filippo Marino (University of Leeds), Dave J. Hodgson (University of Exeter), Robbie McDonald (University of Exeter), Sarah Crowley (University of Exeter), George Holmes (University of Leeds)

##### **Success of Carnivore Translocation: Here and there**

Meena Venkat (Carnivore Conservation & Research)

##### **Actively Involving Stakeholders in Large Carnivore Conservation (Projects) Activities; Slovenian experience from LIFE**

##### **Lynx, LIFE WolfAlps EU and LIFE Wild Wolf project**

Maja Sever (Slovenia Forest Service), Rok Černe (Slovenia Forest Service)

##### **Balancing Community Needs With Cheetah Restoration**

Stijn Verschueren (Cheetah Conservation Fund), Laurie Marker (Cheetah Conservation Fund)

# SYMPOSIUM DETAILS

## Shared Landscapes: Exploring conflict, coexistence, and power dynamics in extensive grazing systems with large carnivores (Parts I & II)

**Session Chairs:** Katrina Marsden (adelphi research), Valeria Salvatori (IEA), Lou Lecuyer (French National Centre for Scientific Research)

**Monday, 14 October 2024 | 15:00-16:30 & 17:00-18:30**

**Sessions M-3C & M-4C**

European landscapes, largely agriculturally managed, have suffered habitat loss due to agricultural intensification, partly driven by the EU's Common Agricultural Policy. Extensive High Nature Value (HNV) grazing and pastoral practices support specific habitats and species, offering additional benefits like wildfire control and carbon storage. However, the coexistence of small-scale extensive husbandry systems with increasing populations of large carnivores (LCs) like bears, wolves, lynxes, and wolverines poses challenges, as LC feeding habits often conflict with HNV systems, threatening fragile livelihoods. While the main policy response has been to compensate breeders for animal losses and implement livestock protection measures, the conflict surrounding LCs extends beyond material impacts and it appears to be rooted in socio-psychological aspects like perceptions of unfairness surrounding cost distribution, decision-making and power relationships.

The above debate is highly polarised and strongly politicised. Contributing to the divide, challenges related to grazing systems and LC conservation have been analysed separately, with different ontologies and methodologies. The aim of this session is to present interdisciplinary scientific knowledge on the interactions between pastoral systems and large carnivore conservation while presenting the socio-economic and cultural side of the issue. Inputs will be gathered particularly from researchers contributing to a special feature in *People and Nature*[1]. A particular focus on power relationships will then be proposed, building on the presented case studies, and proposing an interactive activity to the participants to reflect on the multiple dimensions of power in biodiversity conservation.

Session objectives:

- Debate mutual exclusivity or complementarity of extensive livestock and LC expansion.
- Highlight ecosystem benefits of small-scale extensive grazing and current challenges.
- Investigate factors influencing conflict occurrence, tolerance levels and pathways from conflict to tolerance
- Understand power dynamics and propose practical approach to analyse them in different case studies.
- Include diverse perspectives, including traditional pastoral systems and LC adaptation.

### **Abstracts (Part I):**

#### **A Review of High Nature Value Systems in Europe**

Elsa Varela (University of Göttingen), Marion Jay (University of Göttingen), Lukas Flinzberger (University of Kassel), Chaima Mobarak (University of Kassel), Tobias Plieninger (University of Göttingen)

#### **Multidimensional Power Analysis to Better Understand Social and Biodiversity Outcomes of Sharing Landscape Initiatives**

Marie-Lou Lecuyer (CNRS - LECA Grenoble), James Butler (Cawthron Institute), Juliette Young (INRAE)

#### **Farmers' Participation in European Regional Platforms on Coexistence Between People and Large Carnivores: Perceived conflict, stakeholder interaction, and evaluation of participatory processes**

Tasos Hovardas (CALLISTO-Wildlife and Nature Conservation Society), Katrina Marsden (adelphi research), Valeria Salvatori (Istituto di Ecologia Applicata, IEA)

### **Abstracts (Part II):**

#### **Challenges to the Success of Conservation Incentive Payments in Swedish Reindeer Areas: The role of trust, communication, and justice**

Camilla Sandstrom (Umeå University), Annelie Sjoelander-Lindqvist (University of Gothenburg)

#### **Interactive Session: Exploring power dynamics in biodiversity conservation**

Estelle Balian (FEAL - Facilitation for Environmental Action and Learning)

#### **Pathways Towards Sustainable Wolf-Livestock Coexistence**

Emu-Felicitas Ostermann-Miyashita (Humboldt Universität zu Berlin), Hannah Kirk-land (Cornell University), John Linnell (Norwegian Institute for Nature Research), Ann Eklund (Swedish University of Agricultural Sciences), Hannes J. Koenig (Humboldt Universität zu Berlin)

#### **Place-Based Trajectories of Coexistence Between Pastoralists and Bears**

Alice Ouvrier (Université Jean-Jaurès), Manon Culos (Association Dissonances), Sylvie Guillerme (Université Jean-Jaurès), Ruppert Vimal (Université Jean-Jaurès)

## **SYMPOSIUM DETAILS**

### **Interdisciplinary Social-Ecological Research for Urban Sustainability: Navigating human-wildlife coexistence**

**Session Chairs:** Kelli L. Larson (Arizona State University), Heather L. Bateman (Arizona State University)

**Monday, 14 October 2024 | 17:00-18:30**

**Session M-4B**

The concept of human-wildlife coexistence emphasizes managing dynamic landscapes for the wellbeing of human and non-human species. As such, interdisciplinary research among social and ecological scientists is crucial to the pursuit of coexistence. Since cities are home to the majority of the global population, they are valuable testbeds for coexistence and related conservation strategies—especially as planners, activists, and others pursue urban ‘greening’ and nature experiences to increase human wellbeing and related ecosystem services (defined simply here as positive outcomes derived from landscapes). As a related aim, landscape sustainability has been defined as the capacity of land systems to enhance ecosystem services and minimize ecosystem disservices (i.e., negative outcomes) while garnering human attention and maintenance over time. This perspective underscores consideration of, and planning for, the synergies and tradeoffs across varied environmental and social outcomes. In this session, we present interdisciplinary social-ecological research to illustrate some of the causes and dynamics associated with synergistic outcomes and potential tradeoffs that are important for urban human-wildlife coexistence and landscape sustainability. With studies from metropolitan Phoenix and other regions of North America, our session will provide insights on how: 1) residents’ land management decisions impact biodiversity coupled with public appreciation; 2) culturally significant plants enhance tribal wellbeing and food webs that support pollinators; 3) community engagement affects coastal wetland conservation and restoration outcomes; 4) relocation decisions and deterrence strategies foster snake conservation while minimizing harm; and lastly, 5) critical social-ecological perspectives can address inequitable access to biodiversity and related ecosystem services. Throughout this session, we welcome additional ideas and discussions of the assorted ways in which interdisciplinary research and practice enhance human-wildlife coexistence within the broader context of sustainability.

#### **Abstracts:**

##### **Interdisciplinary Social-Ecological Research for Human-Wildlife Management**

Kelli Larson (Arizona State University)

##### **Residential Yard Management: Habitat for birds and people**

Susannah Lerman (USDA Forest Service Northern Research Station), Paige Warren (University of Massachusetts), Kelli Larson (Arizona State University), Riley Andrade (U.S. Fish and Wildlife Service), Heather Bateman (Arizona State University)

##### **Participatory Engagement in Coastal Wetland Conservation and Restoration**

Alex Moore (University of British Columbia), Sumant Kumble (University of British Columbia)

##### **Feeling Rattled: Environmental-social drivers of snake removals**

Heather Bateman (Arizona State University), Kelli Larson (Arizona State University)

##### **Whose Nature? Critical perspectives on the “luxury effect”**

Paige Warren (University of Massachusetts), Charles Nilon (University of Missouri), Sarel Cilliers (North-West University), Kelli Larson (Arizona State University), Alex Moore (University of British Columbia)

## **SYMPOSIUM DETAILS**

### **Workshop: Human-Wildlife Coexistence Principles**

**Session Chairs:** Simon Pooley (Birkbeck University of London), Jenny Glikman (IESA-CSIC), Catherine Hill (Oxford Brookes University), John Linnell (Norwegian Institute for Nature Research), and Camilla Sandström (Umea University)

**Tuesday, 15 October 2024 | 9:00-10:30**

#### **Session T-1A**

While Human-Wildlife Conflict studies are well established, human-wildlife coexistence studies are a more recent development. The organizers of this workshop have been instrumental in developing ideas about this emerging area in human-wildlife interactions studies, individually, and as members of the IUCN HWC and Coexistence Specialist Group. There has been considerable interest in incorporating coexistence alongside conflict into conservation frameworks, including the Kunming-Montreal Biodiversity Framework.

As recommended in the IUCN guidelines launched in Oxford in 2023, we believe that Principles for coexistences is the way to go, as we will explain. We will host a discussion on principles of coexistence and the development of related criteria. Pathways Europe 2024 provides an ideal opportunity to work with researchers and practitioners to develop draft Principles for identifying and promoting Human-Wildlife Coexistence.

### **Coexisting With Wildlife Through Managing Conflicts: Balancing the needs of wildlife and humans**

**Session Chair:** Bryant White (Association of Fish and Wildlife Agencies/IUCN SSC-Human Wildlife Conflicts & Coexistence Specialist Group Member)

**Tuesday, 15 October 2024 | 12:05-13:35**

#### **Session T-2A**

Managing human-wildlife conflicts to facilitate coexisting with wildlife is one of the most challenging issues facing those responsible for wildlife conservation around the globe. As human populations continue to grow and expand, conflicts with wildlife are inevitable. However, there are ways to balance the needs of both humans and wildlife effectively. With input from globally recognized experts in wildlife conflict and coexistence management, this session will explore how conflict and coexistence management occurs at both the local and international scale and leave participants with a better understanding of how to successfully navigate the landscape of human-wildlife conflicts and coexistence. We will welcome discussion from participants and anticipate that participants will have a wide array of understanding of topics discussed, and differing perspectives on wildlife values.

#### **Abstracts:**

##### **Human-Wildlife Conflict Management in Spain: A national perspective**

Rubén Moreno-Opo (Ministry for the Ecological Transition and the Demographic Challenge)

##### **Wildlife Conflict and Coexistence Management in the U.S.A.**

Bryant White (Association of Fish and Wildlife Agencies)

##### **Science and Policy: Large carnivore monitoring beyond Europe**

Alexandra Kalandarishvili (The International Council of Game and Wildlife Conservation)

##### **Detecting Wolf Attacks to Manage Wolf-Human Conflicts**

Vicente Palacios (TRAGSATEC)

##### **Application of Wildlife Trap Testing Standards: Canadian perspective**

Michael O'Brien (Fur Institute of Canada)

## SYMPOSIUM DETAILS

### Coexistence in the Concrete Jungle: How do we share space in the more-than-human city? (Parts I & II)

**Session Chair:** Erica von Essen (Stockholm Resilience Center)

**Tuesday, 15 October 2024 | 15:00-16:30 & 17:00-18:30**

**Sessions T-3A & T-4A**

The urban human-wildlife interface is a rapidly evolving and unpredictable zone for encounters between the species. Its planning is subject to contradictory ideas to at once biosecure cities for One Health, and to reconcile them with biophilic ideas of green infrastructure. Given this, and the wide range of different visions for wildlife coexistence charted by cities across the world, from the zero-tolerance and shoot-first-ask-questions-later approach of the Nordic countries to living with and killing taboos of e.g. Hindu cities, how can encounters in multispecies cities be conceptualised for the future? How can synergies between human needs and wildlife's needs be fostered in urban spaces? We note that scholarship has offered several ideas on urban wildlife coexistence, from notions of a Zoopolis, to urban crittizenship, to existing on parallel planes, to the more-than-human city, hybrid ecosystems and trans-species urban theory. However, how might these abstract ideas be manifested in practice?

Our session provides a space for reflecting on new interspecies codes of conduct in the city that go both ways. This includes attending how animals adapt to cities through novel behaviours, niches and phenotypic traits, and studying how urban residents' rapidly changing attitudes to wildlife (as compared to rural or past generations) also create new encounters. Our speakers examine co-adaptation of humans and wildlife as these share or clash over urban spaces, services and goods, but also create hybrid intentional but also 'unintentional' landscapes of new meetings and new shared habitats. A premise to our session is that co-adaptation and finding coexistence is to be done not just as a matter of technical engineering but as a normative project for finding coexistence models of commensality and hospitality in the multispecies city. This necessitates drawing from multiple disciplines who can chart both technical solutions and furnish alternative visions.

#### **Abstracts (Part I):**

##### **When Honeybees Come to Town: Critical aspects of urban beekeeping and opportunities for socio-ecological regulation**

Joan Casanelles Abella (TUM), Monika Egerer (TUM)

##### **Peregrinations: Nested interests in a bird-eat-bird world**

Brandon Mak (Technical University of Munich)

##### **Rewilding the City: Spectacle and maintenance of Eurasian beavers in London and Berlin**

Tom Fry (University of Cambridge), Jonathon Turnbull (University of Oxford)

#### **Abstracts (Part II):**

##### **Living With the Awkward Other: A multidisciplinary study of more-than-human conflicts in Finnish urban allotment gardens**

Dr. Karolina Lukasik (University of Helsinki)

##### **Opportunities and Challenges in Co-Creating With and for People and Nature in Cities: The case of the NEBourhoods project in Munich**

Fabio Sweet (TUM)

##### **Identifying Urban Human-Wildlife Conflicts: The way forward**

Sayantani Basak (Jagiellonian University), Izabela A. Wierzbowska (Jagiellonian University)

##### **Mammal Mia: A review on how ecological and human dimension research on urban wild mammals can benefit future biophilic cities**

Simon Moesch (Humboldt Universität zu Berlin), Thilo Wellmann (Humboldt Universität zu Berlin), Dagmar Haase (Humboldt Universität zu Berlin), Manisha Bhardwaj (Universität Freiburg)

##### **Toward an Interspecies Etiquette for Urban Human-Wildlife Interactions**

Erica von Essen (Stockholm Resilience Center)

## **SYMPOSIUM DETAILS**

### **Panel Discussion: Navigating the Dangers of Social Media in Conservation**

**Session Chairs:** Andrea DiGiorgio (Princeton University), Sian Waters (IUCN SSC Primate Specialist Group; Durham University)

**Tuesday, 15 October 2024 | 12:05-13:35**

**Session T-2D**

Non-human primates and humans coexist in many varied contexts, including shared habitats, tourist exhibits, the pet trade, and laboratory research. In some instances, mutually beneficial balances are found, but in many, non-human primates experience harm, abuse, death, and endangerment. More than 60% of primate species are endangered and 75% in population decline. Primary drivers for these declines are anthropogenic habitat loss, hunting, and pet trade. The Anthropocene promises increased interaction as a result of human population growth. Saving non-human primates is critical because they are often charismatic umbrella species and are critically important to their ecosystems. Social media is useful in aiding conservation efforts, but comes with costs including creating interest in illegal tourism activities and ownership of primates as pets. The IUCN SSC's Primate Specialist Group Section on Human Primate Interactions investigates ways that humans and non-human primates can co-exist while decreasing further loss or harm. This group has created guidelines targeted at experts and the public including publications such as, "Why do primates make bad pets?," "Best Practice Guidelines for Responsible Images of Non-Human Primates," and "Recommendations for Responsible Primate Watching for Tourists." In this panel discussion, we will share these guidelines, their creation, and the challenges and successes in their use thus far. We will also review data and examples of how the public receives well-meaning conservation social media images of non-human primates. The goal of this panel discussion is to create an active dialog and share information from the non-human primate conservation perspective that we believe is relevant to, and important for, many other taxa and conservation efforts. We encourage interested individuals who study or work with other taxa to attend and bring any similar materials to share in hopes of creating a community of resources for all individuals working in the space of human-wildlife interaction.

#### **Presentations:**

##### **The Impact of Captions in Deterring Conservation-Counterproductive Viewer Responses**

Andrea DiGiorgio (Princeton University), Michelle Huang (Princeton University), Bo-az Yoo (Princeton University), Natalie Robinson (Rutgers University), Cathryn Freund (Phillip & Patricia Frost Museum of Science)

##### **Creating and Using Guidelines for the Use of Wildlife Images, Primate Tourism, and Why Do Primates Make Bad Pets?**

Sian Waters (IUCN SSC Primate Specialist Group; Durham University, UK)

#### **Panel Discussion:**

Andrea DiGiorgio (Princeton University), Sian Waters (IUCN SSC Primate Specialist Group; Durham University), Felicity Oram (Orang JUGA), Christian Rivera (Princeton University), Nadja Ramseyer Krog (The Long Tailed Macaque Project)

# SYMPOSIUM DETAILS

## C2C: Conflict to coexistence approach–integrated HWC management

**Session Chairs:** Femke Hilderink-Koopmans (WWF Netherlands), Eva M. Gross (Linking Conservation and Development)

**Wednesday, 16 October 2024 | 9:00-10:30 & 12:05-12:30**

**Sessions W-1A & 30 minutes of W-2A**

Human-wildlife conflict (HWC) presents an escalating challenge to conservation and sustainable development worldwide. The World Wide Fund for Nature (WWF) has responded to this challenge by developing a globally applicable, yet adaptable approach to HWC management that can be tailored to specific local, regional or national contexts. The C2C: Conflict to Coexistence-Approach (referred to hereafter as C2C approach) was developed based on an existing HWC management approach launched in 2016 (the Safe Systems Approach), and is currently undergoing implementation and testing in various pilot sites in Europe, Asia and Africa. This integrated approach to HWC management intends to enhance stakeholder collaboration, conflict mediation, and the codesign and implementation of effective HWC management strategies. Data collection and analysis uses the HWC module in SMART (Spatial Monitoring and Reporting Tool) and SMART collect.

In this session, we explore the framework and methodology of the approach and learn more about its initial implementation in Tanzania and Spain. We will zoom in on the main findings and challenges associated with the implementation of the integrated approach in different contexts. Since monitoring and data collection is often considered a major bottleneck in HWC management, we will discuss the application of SMART for HWC data collection and use.

Through an interactive poll, input is gathered from the audience on their experiences with HWC management, main challenges and foreseen opportunities for the further implementation of the C2C: Conflict to Coexistence Approach or other integrated methodologies. Results of the poll will be discussed in a moderated panel discussion.

Aim of the session:

- To share lessons learned (process, results, challenges) on the implementation of the C2C: Conflict to Coexistence Approach.
- To gather input from the audience on usefulness, foreseen bottlenecks, and other ideas regarding the further implementation of the approach for HWC management.

### **Abstracts:**

#### **Framework and Methodology of the C2C Approach**

Eva Gross (Linking Conservation and Development)

#### **Piloting C2C Approach in Transboundary Ruvuma Landscape**

Deogratius Kilasara (WWF Tanzania)

#### **Testing C2C Approach on the Rabbit: Agriculture conflict**

Javier Fernandez Ramos (Altekio Spain)

#### **HWC Monitoring and Data Collection Using SMART Software**

Sybille Klenzendorf (WWF Germany)

#### **Interactive Session With the Audience**

Femke Hilderink (WWF Netherlands)



## **SYMPOSIUM DETAILS**

### **Caged Wildlife: The decline of the fur trade**

**Session Chair:** PJ Smith (Humane Society International)

**Wednesday, 16 October 2024 | 12:35-13:35**

**Session W-2A, 60 minutes**

Originally trapped in the wild and now mainly bred on fur factory farms, mink, foxes, chinchillas and raccoon dogs are the main species used by the fur trade. Despite living their entire lives in cages, these animals still exhibit natural behaviors like wanting to swim, dig or jump since they were never fully domesticated. The pandemic shined a new spotlight on the fur trade since keeping these essentially wild animals close together in cages is a breeding ground for viruses and their mutations.

With most fashion brands going fur-free, and cities, states and countries now passing legislation ending fur production, imports and sales, the global fur trade has been cut in half in less than a decade, according to fur industry data. As alternatives advance in quality and environmental impact, the fur trade will have to adapt.

This panel will look at the risks of keeping wild animals in cages from a welfare, environmental and public health perspective, and show how those risks are reaching consumers, who will ultimately determine the future of fur in today's modern society.

#### **Abstracts:**

##### **Fashion Policy Reform for Fur-Bearing Animals**

PJ Smith (Humane Society International)

##### **Disease Risks Associated With Fur Production**

Gail Hansen (Humane Society Veterinary Medical Association)

##### **Environmental and/or Welfare Risks of Fur Production**

Eva Izquierdo (WWF Spain)

### **Workshop: How to DO Co-Existence?**

**Session Chairs:** Susan Boonman-Berson (Bear at Work), Claudia Grünewald (Independent Researcher)

**Wednesday, 16 October 2024 | 17:00-18:30**

**Session W-4C**

Sharing landscapes and spaces with others, wildlife and humans alike, can be challenging, in particular with rising human-wildlife and human-human conflicts. Importantly, managing human-wildlife conflicts is now a global, political issue, stated as an explicit target since the COP 15 in December 2022. This has also implications at the EU level. Conflicts with different species such as wolves, bears, geese, wild boars, beavers or raccoons, just to name a few, have been on the EU's agenda for years, but despite some achievements, tensions and difficulties remain, especially for those working on the ground. Multiple pathways and a diversity of strategies and actors are needed to deal with this daunting task of co-existence.

In this interactive session we invite the audience to engage in a series of breakout groups sharing their expertise and experiences: Participants are encouraged to identify barriers, challenges, as well as opportunities and pathways towards landscapes of co-existence with their most familiar wild fellow such as wild boar, wolf, bear, beaver (and beyond). We aim to draw wider lessons and learn from each other 1) to tackle challenges and chances at the science-practice interface, and 2) to foster, shape and maintain active collaborations among multiple actors, opening up new possibilities and creating shared spaces.

Central to this session is our invitation to fellow – current or future – independent scholars, not based at an academic institution, to connect and share insights in advancing co-existence and closing science-practice gaps. Previous Pathways conferences have shown that there are various people operating on HWC issues as consultants, independent scholars or freelancers. However, participants from other settings interested in this topic and our hands-on approach are most welcome to join as well.

## SYMPOSIUM DETAILS

### Rewilding With Pathogens? Disease transmission as conservation conflict

**Session Chairs:** Wisse van Engelen (University of Cologne), Léa Lacan (University of Cologne)

**Wednesday, 16 October 2024 | 9:00-10:30**

**Session W-1B**

Pathogens shared between wildlife and humans or their companion animals pose a challenge to ideals of multispecies coexistence when implemented in rewilding projects. Bovine tuberculosis, foot-and-mouth disease, trypanosomiasis and African swine fever are among a number of diseases that wildlife can transmit. Zoonoses and animal diseases can cause considerable damage to public health, national economies and they can undermine support for wildlife conservation. Despite some conservationists' arguments, reservoir host or vector species are commonly targeted in disease control strategies, that may include population reductions or the fencing of habitats (Wobeser, 2002). Pathogens is where society seems to draw the line when it comes to what is acceptable in terms of 'wildness'. This organized session sheds light on an underexplored dimension of rewilding: it takes disease transmission seriously as a form of conservation conflict (Gortázar, 2011) and interrogates the place for pathogens in rewilding visions and underlying understandings of the 'wild'. Key questions include: How do rewilding projects understand the 'wild' and how do they account for pathogens? How are pathogens limiting the possibilities of rewilding? Where can rewilding work together with disease control? Where should rewilding perhaps push back against societal concerns with wildlife disease? This organized session aims at an interdisciplinary discussion on the role of pathogens in or against rewilding and welcomes the contribution of scholars from different disciplinary fields.

#### **Abstracts:**

##### **Rewilding in the Presence of Foot-and-Mouth Disease**

Wisse Van Engelen (University of Cologne)

##### **Rewilding with Tsetse? Unwanted coexistence in Southwestern Zambia**

Léa Lacan (University of Cologne)

##### **Resurgent Ecologies and (Re)emergent Viruses: African Swine Fever, veterinary expertise and the pathogenic politics of wild boar in Europe**

Kieran O'Mahony (Czech Academy of Sciences)



## **SYMPOSIUM DETAILS**

### **Conflicts Involving Rabbits in the Iberian Peninsula: Perspectives on management and governance for coexistence**

**Session Chairs:** Ramón Pérez de Ayala (WWF Spain), Miguel Delibes-Mateos (IESA-CSIC)

**Wednesday, 16 October 2024 | 12:05-13:35**

**Session W-2B**

The European rabbit (*Oryctolagus cuniculus*) is native to the Iberian Peninsula, where it is a keystone species in the Mediterranean ecosystem, and one of the main small game species that generate important socioeconomic activity. Rabbit populations have sharply declined over the past decades mainly due to viral diseases. As a consequence, the European rabbit was recently reassessed as endangered by the IUCN. Paradoxically, rabbit numbers have increased in Iberian farmland areas where the species was not formerly abundant leading to severe crop damage in some regions; in fact, the rabbit is the species causing more damage to agriculture in Spain. In this context, conflicts over the management of rabbits are increasingly frequent, and constitute a paradigmatic case of human-wildlife conflict (HWC) involving small mammals, which are often overlooked in scientific discussions. In this organized session we aim to present the most novel and outstanding research on this HWC, particularly focusing on governance, social and economic issues. For example, it will be shown the engagement process that has been recently followed to build up a governance structure for rabbit management in the Iberian Peninsula. In addition, results of different human dimensions studies on how the European rabbit and its management are viewed by different stakeholders and the general public in variable scenarios (e.g. population reduction vs population increase) will be presented. Also, novel tools aimed at managing the conflicts involving rabbits will be introduced. Overall, our general intention is stimulating discussions seeking the coexistence between people and wildlife beyond our specific case study.

#### **Abstracts:**

##### **Stakeholders' Views on IUCN Reassessment of European Rabbit**

Patricia H. Vaquerizas (University of Córdoba, IESA-CSIC), Miguel Delibes (IESA-CSIC), Rafael Villafuerte (IESA-CSIC), Francisca Castro (University of Córdoba, IESA-CSIC)

##### **Perceptions About Rabbits in Areas With Different Management Goals**

Fernando Garrido (IESA-CSIC), Jorge Ruiz (IESA-CSIC), Miguel Delibes (IESA-CSIC), Rafael Villafuerte (IESA-CSIC)

##### **Species Conservation Systemic Tool to Respond Nature, Social, and Economic Risks**

Jesus Carrasco (NNT Data), Alejandro García Arranz (NNT Data), António Emídio Moreira Santos (ICNF), Sergio Ovidio Pinedo (Junta de Comunidades de Castilla - La Mancha), Ramón Perez de Ayala Balzola (WWF Spain)

##### **Building Up a Governance Structure for Rabbit Management**

Ramón Perez de Ayala Balzola (WWF Spain), Ana Eugenia Santamaría (WWF Spain), Fernando Silvestre Barrio (Fundación CBD - Hábitat)

##### **Does Don Quixote Like to Coexist With Rabbits?**

Sergio Ovidio Pinedo (Junta de Comunidades de Castilla - La Mancha), Ramón Perez de Ayala Balzola (WWF Spain), Ana Eugenia Santamaría (WWF Spain), Fernando Sil-vestre Barrio (Fundación CBD - Hábitat)

## SYMPOSIUM DETAILS

### Coexistence, Coadaptation and Ambiguity: Living together with wildlife

**Session Chairs:** Irma Arts (Radboud University), Inge Dekker (Radboud University)

**Wednesday, 16 October 2024 | 15:00-16:30**

**Session W-3B**

The Anthropocene calls for finding new modes of human-wildlife coexistence within human-inhabited landscapes. In this session we examine the process of coadaptation as a crucial element of coexistence (Carter & Linnell 2016). The presence of wildlife can disrupt existing cultural distinctions, such as nature-culture or wild-tame. This ambiguousness brings opportunities and challenges to existing practices (Douglas 1966), which humans have to make sense of. In this session we will discuss this process of sense making including strategies for dealing with this ambiguity. We will argue that human-wildlife coexistence requires a process of constantly engaging with the potentially disruptive ambiguity of human-wildlife interactions.

This session will consist of 4 papers and a discussion.

- Martin Drenthen will use environmental philosophy to understand how sensemaking plays a crucial role in finding common ground between humans and wildlife and illustrate different strategies to deal with ambiguity of wolf resurgence.
- Inge Dekker will present her ethnographic work on human-beaver interactions in The Netherlands. She will discuss how different strategies deal with ambiguity while these are continuously challenged by beavers.
- Julia Brekl will present her ethnographic work on human-lion relations in northern Botswana, discussing the contrast between different coadaptation strategies, such as a GPS-based lion early warning system and more traditional approaches.
- Irma Arts will examine the ambiguous meaning of coexistence within a context of collaborating stakeholders and discuss how different co-adaptation strategies can come together in a transdisciplinary project.
- We will conclude with a structured discussion about the usefulness of focusing on ambiguity in understanding human-wildlife coexistence. This discussion will start with a reflection on the topic by Camilla Sandström, after which we open the floor to the audience.

Douglas, M. (1966). Purity and danger.

Carter, N.H. and Linnell, J.D.C. (2016). Co-Adaptation Is Key to Coexisting with Large Carnivores. *Trends in Ecology & Evolution* 31: 575-578

#### **Abstracts:**

##### **The Challenge of Wolves in Cultural Landscapes**

Martin Drenthen (Radboud University)

##### **When Customary and Modern Strategies of Human-Lion Coadaptation Meet**

Julia Brekl (University of Cologne)

##### **Coexistence When Beavers Repeatedly Evade Attempts of Control**

Inge Dekker (Radboud University)

##### **Coexistence, Collaboration, and Ambiguity in the WildlifeNL Project**

Irma Arts (Radboud University)

## **SESSION DETAILS**

### **M-1B: Urban-Rural Wildlife | Monday, 14 October | 9:00-10:30**

**Chaired By: Irma Arts (Radboud University)**

**Human-Dingo Coexistence: Relational entanglement in a peri-urban fringe**

Penney Wood (University of New South Wales)

**Urban Stone Marten-Human Conflicts: A survey-based approach**

Michał Strączyński (Jagiellonian University), Sayantani Basak (Jagiellonian University), Paweł Kwapisz (Regional Directorate of Environmental Protection in Kraków), Izabela A. Wierzbowska (Jagiellonian University)

**Chinese Wildlife Values Rooted in Social Domination**

Lina Xiong (Colorado State University), Tian Guo (Colorado State University), Yanxi Li (Colorado State University)

**Taming of the Fox: Urban animal attitudes matter**

Mélissa Gagnière (University of Turku), Timo Vuorisalo (University of Turku), Martin Seltmann (University of Turku)

**The Crocodile Conundrum of Charotar**

Yashendu Joshi (National Centre for Biological Sciences), Anindya Sinha (National Institute of Advance Studies)

**Beauty Beyond Binaries: Considering co-constructed “spaces in between”**

Zoe Meletis (University of Northern British Columbia)

### **M-2B: Biodiversity | Monday, 14 October | 12:05-13:35**

**Chaired By: Natalie Sexton (USFWS)**

**Human Impacts and Novel Ecosystems on Island Ecosystems**

Annie Meeder (University of Colorado, Boulder), Rob Klinger (USGS), Jenn Yost (California Polytechnic, San Luis Obispo)

**A Review of Biodiversity Conservation, Access, and Sustainable Use From Precolonial to Post-Apartheid Era in South Africa**

Sakhile Nsukwini (University of Mpumalanga), Urmilla Bob (University of KwaZulu-Natal)

**Coexistence Conservation: Time to change the paradigm**

Jorge Tobajas (Universidad de Córdoba)

**Cultural Meanings and Perceptions Behind Chinese Wildlife Consumption**

Tian Guo (Colorado State University), Lina Xiong (Colorado State University), Yanxi Li (Colorado State University)

**Combating the Use of Poisoned Bait in Spain**

Carlos Javier Durá Alemañ (IESA-CSIC), Pablo Ayerza (Environmental lawyer), Jose Jimenez (Hunting Resources Research Institute), Zebensui Morales-Reyes (IESA-CSIC), José Antonio Sánchez Zapata (Miguel Hernández University)

**Social Aspects of the Recovery of the Iberian Lynx**

Marcos Lopez (Agencia de Medio Ambiente y Agua de Andalucía), Maribel Garcia Tardio (Agencia de Medio Ambiente y Agua de Andalucía), Maria Navarro (Oficina Tecnica Proyecto Life LYNXCONNECT), Francisco Salcedo (Consejería de Desarrollo Sostenible, Medio Ambiente y Economía Azul)

### **M-3B: Conservation & Environmental Factors in Wildlife Management | Monday, 14 October | 15:00-16:30**

**Chaired by: Ronit Amit (University of Costa Rica)**

**Human-Elephant Coexistence: Environmental justice in Kuiburi, Thailand**

Tyler Nuckols (University of Colorado, Boulder), Karen Bailey (University of Colorado, Boulder), Akaraphum Pisanwanich (Bring the Elephant Home), Antoinette Van de Water (Bring the Elephant Home), Ave Owen (Bring the Elephant Home)

**Environmental Justice (Or Lack Thereof) in Biodiversity Planning**

Shana Waldman (University of Edinburgh)

**Wildlife Acceptance Through the Lenses of Environmental Rangers**

Jenny Glikman (IESA-CSIC), Patricia Vaquerizas (IESA-CSIC), Fernando Garrido (IESA-CSIC), María González Granados (IESA-CSIC), María Martínez-Jauregui (INIA-CSIC)

**Environmental Rangers as Informants of Human-Wildlife Interactions**

Zebensui Morales Reyes (IESA-CSIC), Patricia Vaquerizas (IESA-CSIC), María Martínez-Jauregui (INIA-CSIC), Fernando Garrido (IESA-CSIC), Miguel Delibes-Mateos (IESA-CSIC)

**Iberian Lynx: Environmental and social favorability paths**

María González Granados (IESA-CSIC), Miguel Delibes (IESA-CSIC), Ana Luz Márquez (University of Malaga), Rafael Villafuerte (IESA-CSIC), Jesús Olivero (University of Malaga)

**Exploring Experts' Visions of Wildness and Wild Nature**

Agata Pietrzyk-Kaszynska (Polish Academy of Sciences), Agnieszka Olszanska (Polish Academy of Sciences)

## **SESSION DETAILS**

**M-1C: Human-Wildlife Conflict | Monday, 14 October | 9:00-10:30 | Chaired by: Femke Hilderink-Koopmans (WWF)**

**Crafting Coexistence to Bridge Human-Wildlife Conflicts**

Nikit Surve (Wildlife Conservation Society), Vidya Athreya (Wildlife Conservation Society), Virat Singh (Asar Social Impact Advisors Pvt Ltd.)

**Acceptance for Lethal Control in Norwegian Otter Management**

Oddgeir Andersen (Norwegian Institute for Nature Research), Yosra Zouhar (Norwegian Institute for Nature Research), Rose Keller (Norwegian Institute for Nature Research)

**Assessing Transformational Capacities for Coexistence in Social-Ecological Systems**

Paula Mayer (Institute for Planning of Landscape and Urban Systems), Adrienne Grêt-Regamey (Institute for Planning of Landscape and Urban Systems)

**Fertility Control for Human-Wildlife Coexistence**

Giovanna Massei (Botstiber Institute for Wildlife Fertility Control, University of York), Stephanie Boyles Griffin (Botstiber Institute for Wildlife Fertility Control)

**Pedagogical Tool to Support Multispecies Management of Wildlife**

Samu Mäntyniemi (Natural Resources Institute Finland), Inari Helle (Natural Resources Institute Finland), Mari Lyly (Finnish Wildlife Agency), Mikael Luoma (Finnish Wildlife Agency), Jani Pellikka (Natural Resources Institute Finland)

**Assessing Human-Wildlife Interactions for Guiding Decision-Making Toward Coexistence**

Katia Maria Paschoaletto Micchi de Barros Ferraz (University of São Paulo), Anita Seneme Gobbi (University of São Paulo), Anna Beatriz Queiroz Di Souza (University of São Paulo), Isabella Freitas Bento (University of São Paulo), Vinicius Kenji de Moraes Sato (University of São Paulo)

**M-2A: Rewilding & Living With Wildlife | Monday, 14 October | 12:05-13:35 | Chaired by: Harry Marshall (Forest Research)**

**Human Dimensions of Red-headed Vulture Reintroduction in Thailand**

Arnuparp Yhamdee (The Zoological Park Organization of Thailand), Jiraporn Teampanpong (Kasetsart University), Mongkol Songsremjareonchot (The Zoological Park Organization of Thailand), Chadaporn Srisai (Sueb Nakasatien Foundation), Pareena Thanarojanakul (Sueb Nakasatien Foundation)

**Discourses and Practices of Elite Rewilding in Britain**

Alex Lee (University of Brighton)

**Attitudes to Translocation Rewilding: Trust and wildlife values**

Christian Gamborg (University of Copenhagen), Frank Søndergaard Jensen (University of Copenhagen), Peter Sandøe (University of Copenhagen)

**Public Perception 40 Years After: Beaver reintroduction**

Joanna Wąs (Polish Academy of Sciences), Małgorzata Kijowska-Strugała (Polish Academy of Sciences), Elżbieta Gorczyca (Jagiellonian University), Adam Solecki (Jagiellonian University), Adela Malak (Jagiellonian University)

**Assessing Social Perspectives of Vultures Reintroduction in Central Apennines**

Berenice Guinel (Rewilding Apennines), Jenny Glikman (IESA-CSIC), Jacopo Cerri (Università degli Studi di Sassari)

**Should We Always Let Nature Take Its Course?**

Peter Sandøe (University of Copenhagen), Christian Gamborg (University of Copenhagen), Clare Palmer (Texas A&M University)

**M-2C: Changing Values of Wildlife | Monday, 14 October | 12:05-13:35 | Chaired by: Nichole Nageotte (Denver Zoo)**

**Human-Wildlife Coexistence Standards for Conservation Areas**

Emily Renn (Northern Arizona University), Duan Biggs (Northern Arizona University), Isla Hodgson (University of Stirling)

**Identifying Country-Level Mismatches Between People's Wildlife Value Orientations and Economic Costs of Biological Invasions**

Ugo Arbieu (Paris-Saclay University), Sabrina Dressel (Wageningen University), Ivan Jaric (Paris-Saclay University), Michael Manfredo (Colorado State University), Franck Courchamp (Paris-Saclay University)

**Attitudes Toward 12 Wildlife Types in 15 Countries**

Lisa Lehnen (Senckenberg Biodiversity and Climate Research Center), Jörg Albrecht (Senckenberg Biodiversity and Climate Research Center), Ugo Arbieu (Paris-Saclay University), Maria Johansson (Lund University), Thomas Mueller (Senckenberg Biodiversity and Climate Research Center)

**Shifting Baseline Syndrome of Moose in Maine**

Sandra De Urioste-Stone (University of Maine), Alyssa Soucy (University of Maine), Parinaz Rahimzadeh-Bajgiran (University of Maine), Matthew Brownlee (Clemson University), Jessica Jansujwicz (University of Maine)

**Toward an Integrated Science of Human-Wildlife Coexistence**

Neil H. Carter (University of Michigan), Anna Yue Yu (University of Michigan), Michelle Lute (Wildlife for All)

**Strategies for Cultivating a Relevant Wildlife Conservation Workforce**

Karen Bailey (University of Colorado, Boulder), Rebecca Ward (National Wildlife Federation), Nia Morales (University of Florida), Anna Lavoie (Colorado State University), et. al

## **SESSION DETAILS**

**T-1B: Recreational Impacts on Wildlife | Tuesday, 15 October | 9:00-10:30**

**Chaired by: Christopher D. Malcolm (Brandon University)**

**Attitudes Toward Urban Crocodiles in Puerto Vallarta, Mexico**

Christopher D. Malcolm (Brandon University), Rosa M. Chavez Dagostino (Universidad de Guadalajara)

**Understanding Cultural Perceptions of Nature and Related Constraints to Hunting Participation Among African American Hunters**

Samantha Pallazza (University of Illinois)

**The Perception of Lynx and Wolf by Austrian Mountain Hikers**

Ulrike Pröbstl-Haider (BOKU University), Nina Mostegl (Comoco, Kammern Austria)

**Understanding Visitor Behavior at Mt. Blue Sky**

Nichole Nageotte (Denver Zoo), Julie Krajewski (Denver Zoo), Kate Wilkins (Denver Zoo), Stefan Ekernas (Denver Zoo), Shelby McDonald (Denver Zoo)

**Using Cages to Reduce Tourist-Wildlife Interactions**

Laura Porras Murillo (Universidad Nacional), Grace Wong Reyes (Universidad Nacional), Elizabeth Munguía Barragán (Universidad de Guadalajara)

**Social Injustices and the Landscape Approach to Conservation in India**

Eleonora Fanari (ICTA)

**T-2B: Large Carnivore-Human Conflict | Tuesday, 15 October | 12:05-13:35**

**Chaired by: Ilad Vivas (Universidad Autónoma de Madrid)**

**Colombian Perspectives on Jaguar Conservation and Conflict**

Angelica Solano (Clemson University), Shari Rodriguez (Clemson University)

**When is it Okay to Kill a Carnivore?**

Nimisha Srivastava (Martin Luther University; Wildlife Institute of India), Ramesh Krishnamurthy (Wildlife Institute of India; University of British Columbia), Hannes J. Koenig (Humboldt Universität zu Berlin), Christine Fürst (Martin Luther University; German Centre for Integrative Biodiversity Research; Helmholtz Centre for Environmental Research), John Linnell (Norwegian Institute for Nature Research; Inland Norway University of Applied Sciences)

**Talking With People Expressing Fear of Large Carnivores**

Maria Johansson (Lund University), Jens Frank (Swedish University of Agricultural Sciences)

**These Big Cats are Not So 'Wild'**

Dhee Dhee (Coexistence Consortium; The University of Trans-Disciplinary Health Sciences and Technology)

**Recognizing Large Carnivores Benefits to Increase Tolerance**

Irena Kavcic (University of Ljubljana), Aleksandra Majic Skrbinek (University of Ljubljana)

**Educating the Finnish Youth About Large Carnivores**

Mirja Rantala (Finnish Wildlife Agency), Iina Ala-Kurikka (Natural Resource Institute Finland), Mari Lyly (Finnish Wildlife Agency)



## **SESSION DETAILS**

**T-1C: Agriculture-Wildlife Interactions | Tuesday, 15 October | 9:00-10:30 | Chair: Sian Waters (Durham University)**

**Fostering Coexistence Between Wildlife and Agriculture on the Canadian Prairies**

Jeremy Pittman (University of Waterloo)

**Designing Co-Existence Strategies: Lesson-learning from people and wildlife**

Aimee Oxley (University of the West of England), Juan Manuel Bibang Owono Ndong (INDEFOR- AP), Isabelle Rogerson (Bristol Zoological Society), David Fernandez (University of Calgary), Grainne McCabe (Wilder Institute; Calgary Zoo)

**Impacts of Agribusiness Expansion on Territorial Development in the Savannas of Amapá**

Yuri Nascimento (Universidade Federal do Amapá), William Douglas Carvalho (Universidad Autónoma de Madrid), Dalila Silva Mello (Universidade Federal do Amapá), Marcelo Martins Ferreira (INPA), Karen Mustin (Universidad Complutense de Madrid)

**Experimental Study of Goose Damage Mitigation Message Effects**

Ann Eklund (Swedish University of Agricultural Sciences), Louise Eriksson (Umeå University), Maria Johansson (Lund University), Johan Månsson (Swedish University of Agricultural Sciences), Johan Elmberg (Kristianstad University)

**Farmer Perspectives on Common Crane Crop Damage Prevention**

Karoline Hemminger (ZALF Leibniz Centre for Agricultural Landscape Research), Lovisa Nilsson (Swedish University of Agricultural Sciences), Johan Månsson (Swedish University of Agricultural Sciences)

**Considering Landowners Perspectives on Diversifying Their Agriculture Systems**

Grace Schuster (University of Nebraska-Lincoln), Hannah Stowe (University of Nebraska-Lincoln), Andrew Little (University of Nebraska-Lincoln), Christopher Chizinski (University of Nebraska-Lincoln)

**T-2C: Farmer-Wildlife Interactions | Tuesday, 15 October | 12:05-13:35 | Chair: Jen Bond (Charles Stuart University)**

**Understanding Barriers and Benefits to Adopting Elephant Coexistence Practices in Oil Palm Plantation Landscapes in Lower Kinabatangan, Sabah**

Nurzhafarina Othman (Universiti Malaysia Sabah), Amielle DeWan (Impact by Design), Nur Aida Abdul Ghani (Sime Darby)

**Overcoming Negative Narratives: Novel approaches to Aye-Aye conservation**

Christof Bodenburg (University of Hildesheim), Holinirina Beby Rabemananjara (University of Antananarivo)

**Effectiveness of Livestock Protection Methods Against Wildlife**

Sebastian Wszelaki (Wrocław University of Environmental and Life Sciences)

**Spanish Pyrenees: Stakeholders perspectives on livestock-wildlife interactions**

Zurine Iglesias Gonzalez (Göttingen University), Kyle Jewell (Universidad Politécnica de Madrid), Daniel Martin (Centro de Investigación y Tecnología Agroalimentaria de Aragón), Ana Iglesias (Universidad Politécnica de Madrid), Elsa Varela (Göttingen University)

**Addressing Human-Elephant Conflict with Kenyan Pastoralist Communities**

Kirstie Ruppert (San Diego Zoo Wildlife Alliance), Lexson Larpei (Loisaba Conservancy), Ambrose Letoluai (Loisaba Conservancy), Tomas Pickering (San Diego Zoo Wildlife Alliance), Shifra Goldenberg (San Diego Zoo Wildlife Alliance)

**Wildlife-Smart Communities as Novel Local Coexistence Models**

Annette Mertens (Rewilding Europe), Fabien Quétier (Rewilding Europe), Sophie Monsarrat (Re-wilding Europe), Mario Cipollone (Rewilding Apennines), Marina Druga (Rewilding Romania)

**T-3C: Land Owners & Land Use | Tuesday, 15 October | 15:00-16:30 | Chair: Jen Bond (Charles Sturt University)**

**One Livelihood Risk Factor Too Many?**

Manuel Bollmann (University of Cologne)

**Habitat Fragmentation and Human-Coyote Interactions**

Bethany Poltl (University of Waterloo), Michelle Anagnostou (University of Waterloo), Brent Doberstein (University of Waterloo)

**Is This Potential Habitat? Rethinking right-of-way easements**

Kristina Slagle (Ohio State University), Gabe Karns (Ohio State University)

**The Coexistential Rift: A Galapagos Ethnography**

Julio Rodriguez Stimson (University of Oxford)

**Wild Areas in Europe: A few ethical implications**

Alexandra Locquet (Ladyss), Stéphane Héritier (Grenoble Alpes University), Tina Tin (Wildlife Research Institute)

**Spatio-temporal niche of apex predators in Khunjerab National Park**

Tariq Mahmood (PMAS Arid Agriculture University), Saira Akber (PMAS Arid Agriculture University), M. Sajid Nadeem (PMAS Arid Agriculture University), Ayesha Sheraz (PMAS Arid Agriculture University), Shehnila Kanwal (PMAS Arid Agriculture University)



## **SESSION DETAILS**

**T-3B: Wolf-Human Conflict, Part I | Tuesday, 15 October | 15:00-16:30**

**Chaired by: Eick von Ruschkowski (Alfred Toepfer Akademie für Naturschutz)**

**What Makes Gen Z Howl? Exploring conservation and coexistence**

Cassiopeia Camara (Colorado State University)

**Characterizing Social Conflict over Wolf Reintroduction in Colorado: A theoretical model of intergroup conflict**

Mireille Gonzalez (Colorado State University), Rebecca Niemiec (Colorado State University)

**Assessing the Impact of Communication Strategies on Wolf Coexistence Narratives: A structural topic modeling approach**

Anton Alvarez (Instituto de Biología de la Conservación), Silvia Espinosa (WWF Spain), Yolanda Cortes (WWF Spain), Blanca Berzosa (WWF Spain), Ramón Pérez de Ayala (WWF Spain)

**Social Mediation to Address the Human-Wolf Conflict**

Hugo Majadas Ayuso (Fundación Entretantos), María Turiño García (Fundación Entretantos), Julio Majadas Andray (Fundación Entretantos), Yolanda Sampedro Ortega (Fundación Entretantos), José Ángel Sánchez Fabián (Fundación Entretantos)

**Supporting Collaboration and Dialogue to Manage Wolf Conflict**

Mari Lyly (Finnish Wildlife Agency), Mirja Rantala (Finnish Wildlife Agency), Madeleine Nyman (Natural Resource Institute Finland), Iina Ala-Kurikka (Natural Resource Institute Finland)

**Social-Ecological Insights into Wolf Restoration in Colorado, USA**

Kevin Crooks (Colorado State University)

**T-4B: Wolf-Human Conflict, Part II | Tuesday, 15 October | 17:00-18:30**

**Chaired by: Eick von Ruschkowski (Alfred Toepfer Akademie für Naturschutz)**

**Being as Becoming: How human-wolf dynamics shape wildlife governance discourses**

Yano Truyers (Free University of Brussels; Institute for Nature and Forest Research), Sander Jacobs (Institute of Nature & Forest Research), Pieter Meurs (Free University of Brussels), Bieke Abelshausen (Free University of Brussels)

**Communication About Wolves: Lessons learned in LIFE BOREALWOLF**

Iina Ala-Kurikka (Natural Resource Institute Finland), Mirja Rantala (Finnish Wildlife Agency), Harri-Pekka Pohjolainen (Eastern Finland Police Department), Aku Ahlholm (Metsähallitus), Mari Lyly (Finnish Wildlife Agency)

**Elusive Effects of Legalising Wolf Hunting on Human-Wolf Conflict in Northwestern USA**

Leandra Merz (University of Florida), Bernhard Clemm von Hohenberg (GESIS Leibniz Institute for the Social Sciences), Jeremy Bruskotter (Ohio State University), Neil H. Carter (University of Michigan)

**Creating Coexistence Corridors for Fragmented Iberian Wolf Subpopulation**

Sara Aliácar (Rewilding Portugal), Marta Vieira (Rewilding Portugal), Filipa Soares (Centro em Rede de Investigação em Antropologia), Marta Pinho de Almeida (Centro em Rede de Investigação em Antropologia), Margarida Lopes-Fernandes (Instituto da Conservação da Natureza e Florestas)

**Public Appraisal of Lethal Control of Wolves Across Europe**

Maarten Jacobs (Wageningen University), Ugo Arbieu (Paris-Saclay University), Sabrina Dressel (Wageningen University), Christian Gamborg (University of Copenhagen), Jenny Glikman (IESA-CSIC)

**Coexistence With Wolves Through a Feminist Political Ecology Lens**

Agnese Marino (Institute of Environmental Science and Technology)

## **SESSION DETAILS**

**T-1D: Tech Usage in Wildlife Management | Tuesday, 15 October | 9:00-10:30**

**Chaired by: Kirstie Ruppert (San Diego Zoo Wildlife Alliance)**

**Understanding Human-Elephant Conflict Through Political Ecology Framework in North Bengal, India**

Akashdeep Roy (IISER), Shalini Sharma (IISER)

**The Equitability of a Conservation Performance Payment**

Joseph Hamm (University of Leeds), George Holmes (University of Leeds), Mathew Bukhi Mabele (University of Dodoma), Julia Martin-Ortega (University of Leeds), Rose Mawenya

**Insight From New Technology in Rangeland Grazing Systems**

Inger Hansen (Norwegian Institute of Bioeconomy Research), Lise Grøva (Norwegian Institute of Bioeconomy Research), Michael Angeloff (Norwegian Institute of Bioeconomy Research), Oddbjørn Kaasa (Meråker grazing group)

**The Techno-Scientific Lynx: Analysis of ecological knowledge production**

Juliette Caillé (University of Strasbourg)

**The Effectiveness of Bomas With Wire-Fencing and Lights at Deterring Livestock Depredation and its Influence on Pastoralists' Attitudes Toward Carnivore Conservation in Northern Kenya**

Ambrose Letoluai (Uhifadhi wa Chui at Loisaba Conservancy), Laiyon Lenguya (Loisaba Conservancy), Nicholas Pilfold (San Diego Zoo Wildlife Alliance), Tomas Pickering (San Diego Zoo Wildlife Alliance), Kirstie Ruppert (San Diego Zoo Wildlife Alliance)

**T-3D: Unique Engagement & Education | Tuesday, 15 October | 15:00-16:30**

**Chaired by: Ronit Amit (University of Costa Rica)**

**From National Contest to National Network: Friends of felids**

Ronit Amit (University of Costa Rica), Natalia Valverde-Zúñiga (People & Fauna)

**Bridging Conservation and Theater Through Place-Based Performance**

Benjamin Eiler (Michigan State University), Rob Roznowski (Michigan State University), Garth Sabo (Michigan State University), Emily Pomeranz (Michigan State University)

**Online Media Shapes Conflicts About Declining Game Species Management**

Lara Moreno-Zárate (Instituto de Investigación en Recursos Cinegéticos), Beatriz Arroyo (Instituto de Investigación en Recursos Cinegéticos), Miguel Delibes (Instituto de Investigación en Recursos Cinegéticos)

**Seeing the Animal Before the Message: Exploring initial responses to a wildlife conservation campaign**

Meghan Shaw (Deakin University), Kelly Miller (Deakin University), Bill Borrie (Deakin University), Emily McLeod (Zoos Victoria)

**Uncovering the Invisible: Wildlife crime prosecution in Spain**

Silvia Díaz Lora (WWF Spain), Daniel Redondo Gómez (University of Granada), Zebensui Morales-Reyes (IESA-CSIC), Carlos Javier Durá Alemañ (IESA-CSIC), Laura Moreno Ruiz (WWF Spain)

**Is Environmental Education Failing for Wildlife Conservation in Developing Countries?**

Samridhi Shrestha (Grand Canyon University)



## **SESSION DETAILS**

**T-4C: Marine & Coastal Wildlife Management | Tuesday, 15 October | 17:00-18:30**

**Chaired by: Jeremy Pittman (University of Waterloo)**

**Understanding Wildlife Monitoring in Marine Protected Areas: Perceptions from protected areas agents in the French Mediterranean Sea**

Valentin Lauret (CEFE – CNRS), Olivier Gimenez (CEFE – CNRS), H el ene Labach (MI-RACETI), Nicolas Lescureux (CEFE – CNRS)

**Human-Whale Interaction in Karwar, India: Narratives of coexistence**

Sahamatha (Independent Researcher)

**Awareness, Concern, and Preference for Oyster Ecosystem Services**

William Casola (American Association for the Advancement of Science), Elizabeth F. Pienaar (University of Georgia), Ed Camp (University of Florida)

**Humans are Not Removable From Marine Protected Areas**

Nyree Raabe (Deakin University)

**Small-Scale Traditional Fishing: How communities respond to resource challenges and institutional demands**

Carla Mouro (Iscte Instituto Universit ario de Lisboa)

**Factors Affecting Sense of Place Among Kansas Anglers**

Sarah Ulrichsen (University of Nebraska – Lincoln), Christopher Chizinski (University of Nebraska – Lincoln)

**T-4D: Indigenous Perspectives on Wildlife Management | Tuesday, 15 October | 17:00-18:30**

**Chaired by: Sian Waters (IUCN SSC Primate Specialist Group; Durham University)**

**Understanding Diverse Perspectives of Salmonid Hatcheries in Oregon**

Kelly Biedenweg (Oregon State University), Brian Erickson (Oregon State University), Samantha Chisholm Hatfield (Oregon State University), Megan Jones (Oregon State University)

**Are Lemurs Special? Understanding multiple worldviews in conservation**

Claire Cardinal (Oxford Brookes University), Mosa Jean Fid ele (Independent Researcher), Ratsimamao Solofo Martial (Independent Researcher), Giuseppe Donati (Oxford Brookes University), Kate Hill (Oxford Brookes University)

**Revisiting Human-Nature Interactions: A Colla pastoralist family case**

Solange Vargas (Universidad de Atacama), Matias Hargreaves Mendez (Universidade Federal de Santa Catarina), Juan Pablo del Valle (Universidad Austral), Francisco Lagos Susaeta (Universidad de C ordoba)

**Indigenous Perspectives and Wildlife Management: A quantitative cross-comparison**

Anna Ullmann (Technical University of Munich), Monica Engel (Bath and Associates), Alistair Bath (Memorial University of Newfoundland)

**Challenges and Opportunities Training Young Zimbabwean Social Scientists**

Kaitlyn Shaw (The Living Desert), James Danoff-Burg (The Living Desert)

**Who is Local and What Do They Know?**

Hanna Pettersson (University of York), Juliette Young (INRAE), Lou Lecuyer (French National Centre for Scientific Research), Lindsay Stringer (University of York), Zsolt Molnar (Hungarian Research Network)

## **SESSION DETAILS**

**W-1C: Boar-Human Conflict | Wednesday, 16 October | 9:00-10:30**

**Chaired by: Diane J. E. Sturgeon (University of Florida)**

### **Feral Pigs or Wild Boar? Coexistence in Scotland**

Toryn Whitehead (King's College London), Kate Schreckenber (King's College London), Terry Dawson (King's College London)

### **Coexistence with Wild Boar: Surveys assessing public opinions**

Anneleen Rutten (INBO), Jim Casaer (INBO)

### **The 'Vermin' Campaign for Wildpig in Kerala, India**

Athira Balakrishnan (National Institute of Advanced Studies), Sindhu Radhakrishna (National Institute of Advanced Studies)

### **Environmental Rangers Concerns About Wild Boar (Over)abundance**

Francy Daniela Alba-Patiño (University of Almeria), Patricia Hidalgo-Vaquerezas (IE-SA-CSIC), Antonio J. Castro (University of Almeria), Juan Miguel Requena-Mullor (University of Almeria), Zebensui Morales Reyes (IESA-CSIC)

### **Mapping Emotions in Human-Wild Boar Encounters**

Joanna Tuszno (Jagiellonian University), Patrycja Wąchała (Jagiellonian University), Marianna Strzelecka (Linnaeus University), Dorota Rancew-Sikora (University of Gdansk), Izabela A. Wierzbowska (Jagiellonian University)

### **Modelling and Collaborative Monitoring to Enhance Wild Boar Management Strategies**

Joana Colomer (University of Barcelona), Giovanna Massei (Botstiber Institute for Wildlife Fertility Control, University of York), Deon Roos (University of Aberdeen), Carme Rosell (University of Barcelona), Jose Domingo Rodriguez-Teijeiro (University of Barcelona)

**W-2C: Cervid-Human Management | Wednesday, 16 October | 12:05-13:35**

**Chaired by: Harry Marshall (Forest Research)**

### **Content Analysis of Maine News on Moose Ticks**

Alaina Woods (University of Maine), Sandra De Urioste-Stone (University of Maine), Laura Rickard (University of Maine), Lee Kantar (Maine Department of Inland Fisheries and Wildlife), Pauline Kamath (University of Maine)

### **Alberta's Caribou Social Network: Implications for decision-making**

Carly Sponarski (Natural Resources Canada), Howard Harshaw (University of Alberta)

### **Reframing Wild Deer: Co-creating shared spaces for coexistence**

Rachel Orchard (Forest Research), Mariella Marzano (Forest Research)

### **Longitudinal Dynamics in Sweden's Collaborative Moose Governance**

Sabrina Dressel (Wageningen University), Maria Johansson (Lund University), Annelie Sjoelander-Lindqvist (University of Gothenburg), Camilla Sandstrom (Umeå University)

### **Trust and Institutional Innovation in Wildlife Governance: The case of moose policy in Poland**

Krzysztof Niedziakowski (Institute of Philosophy and Sociology, Polish Academy of Sciences)

**W-3C: Bear-Human Conflict | Wednesday, 16 October | 15:00-16:30**

**Chaired by: Ilad Vivas (Universidad Autónoma de Madrid)**

### **Bear Rescuing Efforts Across (and Beyond) Europe**

Agnieszka Sergiel (Institute of Nature Conservation Polish Academy of Sciences), Koen Cuyten (Bears in Mind), Agnieszka Olszanska (Institute of Nature Conservation Polish Academy of Sciences), Kamil Bartoń (Institute of Nature Conservation Polish Academy of Sciences), Annemarie Weegenaar (Global Animal Welfare)

### **Policy Options to Address Human-Bear Conflict**

Cassandre Venumiere-Lefebvre (Colorado State University), Courtney Schultz (Colorado State University), Stewart Breck (USDA National Wildlife Research Center), Kevin Crooks (Colorado State University)

### **Human-Bear Coexistence and Protected Areas in Central-Appennines**

Maria Benciolini (Rewilding Apennines), Jenny Glikman (IESA-CSIC), Cloe Mirenda (CNR-IRPPS)

### **Attitudes Toward Black Bears Across a Peri-Urban Landscape**

Anita Morzillo (University of Connecticut)

### **Attitudes and Behaviors Toward Coastal American Black Bears**

Victoria Reibel (Clemson University), Shari Rodriguez (Clemson University)

## **SESSION DETAILS**

### **W-3A: Ethical Dilemmas in Wildlife Management | Wednesday, 16 October | 15:00-16:30**

**Chaired by: Jeremy Pittman (University of Waterloo)**

#### **The Influence of War on the Wildlife Trade**

Chiara Giorgione (Università La Sapienza “Roma”)

#### **Ethical Self-Assessment Checklists for Responsible Wildlife Handling Practices**

Simone Basile (University of Padua), Pierfrancesco Biasetti (Leibniz Institute for Zoo and Wildlife Research), Valeria Salvatori (Istituto di Ecologia Applicata, IEA), Paolo Ciucci (Università La Sapienza “Roma”), Barbara de Mori (University of Padua)

#### **Is the Absence of Conflict Equal to Coexistence?**

Saloni Bhatia (Ashoka Trust for Research in Ecology and the Environment)

#### **Understanding Perceptions About Animals in Captive and Wild Contexts for Compassionate Conservation**

Anne Clay (George Mason University), Ingrid Visseren-Hamakers (Radboud University)

#### **Public Attitudes Toward Reinforcing the Balkan Lynx Population**

Aleksander Trajce (Protection and Preservation of Natural Environment in Albania), Bledi Hoxha (Protection and Preservation of Natural Environment in Albania), Adelina Kastrati (Environmentally Responsible Action), Aleksandar Pavlov (Macedonian Ecological Society), Manuela von Arx (KORA Foundation)

#### **U.S. Public Perspectives Toward Wild Animal Welfare**

Rebecca Niemiec (Colorado State University), Kevin Crooks (Colorado State University)

### **W-4A: Disease Control in Human-Wildlife Management | Wednesday, 16 October | 17:00-18:30**

**Chaired by: Harry Marshall (Forest Research)**

#### **Preferences for Policy Attributes of Tick-Borne Disease Control**

Allison Gardner (University of Maine), Anomitra Chatterjee (London School of Economics and Political Science), Ganga Shreedhar (London School of Economics and Political Science)

#### **Chronic Wasting Disease Communication Among Processors and Taxidermists**

Amanda Van Buskirk (University of Georgia), Kyle Smith (University of Minnesota), Bynum Boley (University of Georgia), Kristina Johannsen (Georgia Department of Natural Resources), Gino D'Angelo (University of Georgia)

#### **Coexisting with Tick-Borne Diseases in Wilder Landscapes**

Harry Marshall (Forest Research), Rachel Orchard (Forest Research), Steven Belmain (University of Greenwich)

#### **Investigating Stakeholder Discourses of Bats in Reunion Island**

Rachel Leong (University of Reunion Island), Anne Atlan (University of Rennes), Camille Lebarbenchon (University of Reunion Island)

#### **Emotions Predict Perceptions of Risk Toward Wildlife Disease**

Hannah Desrochers (North Carolina State University), Nils Peterson (North Carolina State University), Lincoln Larson (North Carolina State University), Nathan Hostetter (North Carolina State University), Christopher Moorman (North Carolina State University)

#### **Engaging Stakeholders in Agencies' Response to Bear Mangle**

Raquel Francisco (University of Georgia), Elizabeth F. Pienaar (University of Georgia), Michael Yabsley (University of Georgia)

### **W-4B: Invasive Species | Wednesday, 16 October | 17:00-18:30**

**Chaired By: Natalie Sexton (USFWS)**

#### **Friend or Foe? Invasive species conflicts in Southeastern Australia**

Jen Bond (Charles Stuart University)

#### **Exotic Pet Owners' Preferences for Different Ectothermic Taxa are Based on Species Traits and Purchase Prices in the United States**

Elizabeth F. Pienaar (University of Georgia), Diane J. E. Sturgeon (University of Florida)

#### **People's Relation to Nature and Their View on Wolf-Dog Hybrids**

Annelie Sjoelander-Lindqvist (University of Gothenburg), Maria Johansson (Lund University)

#### **Exploring Pet Owners' Emotional Attachment to Non-Traditional Pets**

Diane J. E. Sturgeon (University of Florida), Zachary Steele (Old Dominion University), Elizabeth F. Pienaar (University of Georgia)

#### **Killer News: Identifying prevalence in invasion science media**

Diane J. E. Sturgeon (University of Florida), Andrew Holmes (Independent Researcher)

#### **Exotic Pet Owners' Support for Improved Trade Regulation**

Elizabeth Pratt (University of Georgia), Elizabeth F. Pienaar (University of Georgia)

## **POSTER SESSION AND EVENING SOCIAL**

Monday, 14 October 2024

18:30 - 20:30 CEST

### **Achieving Coexistence with Elephants in Johor**

Syafiq Nazari (Malaysian Palm Oil Green Conservation Foundation), Khalis Afnan Abdul Rahman (Earthworm Foundation)

### **Social and Ecological Effectiveness of Electric Fences in Laikipia County, Kenya**

Mihika Sen (University of Helsinki), Mar Cabeza (University of Helsinki), Maurice Schutgens (Space for Giants), Martha Munyao (University of Helsinki)

### **Wildlife Encounters on the River: Perspectives of Orinoquia's fishermen**

Anton Alvarez (Instituto de Biología de la Conservación), Victoria Asensio (Instituto de Biología de la Conservación), Fernando Trujillo (Fundación Omacha), German Garrote (Instituto de Biología de la Conservación)

### **Wilderness to Naturalness in France: Through IUCN France**

Alexandra Locquet (IUCN French committee - Wilderness and feral nature working group), Erwan Chereil (IUCN French committee - Wilderness and feral nature working group), Jonathan Carruthers-Jones (University of Helsinki), Adrien Guetté (Tours University), Pascal Cavallin (IUCN French committee - Wilderness and feral nature working group)

### **Invasive Species and the Spread of Tick-Borne Diseases**

Katherine August (University of Greenwich), Richard Birtles (University of Salford), Daniel Bray (University of Greenwich), Giovanna Massei (Botstiber Institute for Wildlife Fertility Control, University of York), Steven Belmain (University of Greenwich)

### **Occurrence of Wild Predators in Georgia and Local's Perspective**

Alexandra Kalandarishvili (Hungarian University of Agriculture and Life Sciences), Miklos Heltai (Hungarian University of Agriculture and Life Sciences)

### **Species Conservation, Collaborative Governance, and Global Change**

Victoria Hymel (Virginia Polytechnic and State Institute), Todd Schenk (Virginia Polytechnic and State Institute), Paul Armsworth (University of Tennessee)

### **Promoting Inclusivity in Conservation Science through Peer Learning**

Christine Biermann (University of Colorado)

### **From National to Local Large Carnivore Management in Finland**

Madeleine Nyman (Natural Resource Institute Finland), Mari Lyly (Finnish Wildlife Agency), Iina Ala-Kurikka (Natural Resource Institute Finland)

### **Stress, Life Satisfaction, and Presence of Large Carnivores**

Anders Flykt (Mid Sweden University), Maria Johansson (Lund University), Jens Frank (Swedish University of Agricultural Sciences)

### **Empower River Stakeholders: Assessing attitudes on otter recolonization**

Simone Giovacchini (University of Molise), Anna Loy (University of Molise), Cinzia Sulli (Abruzzo Lazio and Molise National Park)

### **From National to Local Large Carnivore Management in Finland**

Madeleine Nyman (Natural Resource Institute Finland), Mari Lyly (Finnish Wildlife Agency), Iina Ala-Kurikka (Natural Resource Institute Finland)

### **The Potential of Tarsier-Targeted Tourism in Anda, Bohol**

Filip Wojciechowski (Kahibalo Foundation), Krystal Nudalo (University of San Carlos), Franchesca Hortel (University of San Carlos), Julie Otadoy (University of San Carlos)

### **Collaborative Agreements in Iberian Lynx Conservation**

Maria Navarro (Oficina Técnica Proyecto Life LYNXCONNECT), Marcos Lopez (Agencia de Medio Ambiente y Agua de Andalucía), Maribel Garcia Tardio (Agencia de Medio Ambiente y Agua de Andalucía), Francisco Salcedo (Consejería de Desarrollo Sostenible, Medio Ambiente y Economía Azul)

## **POSTER SESSION AND EVENING SOCIAL**

Monday, 14 October 2024

18:30 - 20:30 CEST

### **Capacity Building to Further Human-Macaque Coexistence**

Malene Friis Hansen (Princeton University), Agustin Fuentes (Princeton University)

### **Costa Rica Silvestre: Addressing human-wildlife interactions**

Grettel Delgadillo (Humane Society International), Shirley Ramírez (Ministerio de Ambiente y Energía – CONAGEBIO), Karina Rodríguez (Humane Society International; CONAGEBIO-MINAE)

### **Interdisciplinary Assessment for Eurasian Lynx Viability in France**

Isabelle Arpin (INRAE), François Sarrazin (MNHN), Guillaume Bal (MNHN), Nolwenn Drouet-Hoguet (OFB), Richard Dumez (MNHN)

### **Conserving Great Indian Bustard Through Community Participation**

Tanya Gupta (Wildlife Institute of India), Sutirtha Dutta (Wildlife Institute of India)

### **Does Rewilding Have the Potential to Create ‘Wild’ Landscapes?**

Lauren Barnes (University of York)

### **Mapping Perceived Impacts of Large Carnivores in Spain**

María Martínez-Jauregui (ICIFOR-INIA-CSIC), Zebensui Morales Reyes (IESA-CSIC), Rafael Villafuerte (IESA-CSIC), Jenny Glikman (IESA-CSIC), Patricia Hidalgo-Vaquerizas (IESA-CSIC)

### **Sustainable Game Management Criteria: Expert and hunter perspectives**

Olmo Linares (UIRCP), María Martínez-Jauregui (ICIFOR-INIA-CSIC), Juan Carranza (UIRCP), Mario Soliño (Institute of Marine Research, CSIC)

### **CharOtter: Urban otters and their interactions with local human communities**

Yashendu Joshi (Centre for Wildlife Studies)

### **American Martens and Fur Trappers: Health and conservation**

Kit Carpenter (University of Maine), Sandra De Urioste-Stone (University of Maine)

### **ENCOSH: international platform for sharing on human-wildlife coexistence**

Susan Boonman-Berson (Bear at Work), Tommy Gaillard (ENCOSH), Miquel Torrents-Ticó (University of Helsinki), Silvia Ribeiro (Faculdade de Ciências de Lisboa), Ethan D. Doney (University of Saskatchewan)

### **Drivers of Resilience Behind Human-Elephant Coexistence**

Deepani Jayantha (University of the West of England), Aimee Oxley (University of the West of England)

### **Using Supervised and Unsupervised Machine Learning to Identify Trends and Topics Among Human Dimensions of Wildlife Abstracts**

Christopher Chizinski (University of Nebraska – Lincoln), Kenneth Wallen (University of Idaho), Sarah Ulrichsen (University of Nebraska – Lincoln), Grace Schuster (University of Nebraska – Lincoln)

### **Public Perceptions of Invasive Alien Species Management**

Sabrina Dressel (Wageningen University), Camilla Sandstrom (Umeå University)

### **Rewilding Frontiers: Negotiating rewilding in diverse socio-cultural contexts**

Ravi Van de Port (Wageningen University), Agata Konczal (Wageningen University), Koen Arts (Wageningen University), Georg Winkel (Wageningen University)

### **The Effect of Boreal Forest Integrity on Wildlife in Finland**

Francesca Malcangi (University of Helsinki)

## **POSTER SESSION AND EVENING SOCIAL**

Monday, 14 October 2024

18:30 - 20:30 CEST

### **Human Health and Legal Training for Co-Existence**

Holly Rosencranz (Carle Illinois College of Medicine, Warren Lavey (University of Illinois at Urbana-Champaign)

### **Bird-Mediated Cultural Ecosystem Services and Urban Development Type**

Lucía Izquierdo (University of Granada), Alejandra Echeverri (University of California, Berkeley), Kai M.A. Chan (University of British Columbia), Anna Ramos (University of Granada), Juan Diego Ibáñez-Álamo (University of Granada)

### **The Saving Wildcats Project**

Louise Hughes (Saving Wildcats)

### **The Brazilian Pampa, Its Changes and Threats**

Joélio Farias Maia (Universidade Federal de Pelotas), Flávio Sacco dos Anjos (Universidade Federal de Pelotas)

### **Names and Terms: (De)humanizing cats in Tenerife, Spain**

Ferran Pons-Raga (IPNA-CSIC)

### **HWC in Japan: Understanding friction at the interface**

Tadanobu Okumura (Wildlife Management Office, Inc.), Masahiro Ohnishi (Wildlife Management Office, Inc.)

### **Coexisting with African Vultures in the Mara-Serengeti Landscape**

Vincent Otieno (BirdLife International), Fadzai Matsvimbo (BirdLife International)

### **Expanding the Life Framework of Values**

Kyle Jewell (Universidad Politécnica de Madrid), Emu-Felicitas Ostermann-Miyashita (Humboldt Universität zu Berlin), John Linnell (Norwegian Institute for Nature Research), Christian Kiffner (Humboldt Universität zu Berlin)

### **Harnessing Coexistence through HACMS in Forest Fringe Villages**

Kushagra Pathak (Indian Forest Service), Shailendra Singh Kathait (Valiance Solutions), Piyush Dhuliya (Valiance Solutions)

### **Understanding Jaguar Behavior in a Cattle Ranch: Factors affecting daily activity levels and activity patterns**

Ilad Vivas (Universidad Autónoma de Madrid), Włodzimierz Jędrzejewski (Instituto Venezolano de Investigaciones Científicas)

### **Land Use and Human-Wildlife Conflicts in China**

Mengxi Kou (LMU), Hannes König (Humboldt-University Berlin), Marco Heurich (University of Freiburg)

### **Attitudes Toward Rewilding Across Europe**

Angus Smith (Wageningen University), Arjen Buijs (Wageningen University), Sabrina Dressel (Wageningen University), Georg Winkel (Wageningen University)

### **The Ethical Analysis in Conservation to Promote Coexistence**

Barbara de Mori (University of Padua), Pierfrancesco Biasetti (Leibniz Institute for Zoo and Wildlife Research)

### **Methodologies for Mediation in Socio-Environmental Conflicts**

María Turiño García (Fundación Entretantos), Hugo Majadas Ayuso (Fundación Entretantos), Julio Majadas Andray (Fundación Entretantos), Yolanda Sampedro Ortega (Fundación Entretantos), José Ángel Sánchez Fabián (Fundación Entretantos)

### **Conservation Behavior Change: How incorporating behavior change science can lead to better coexistence outcomes for people and wildlife**

Laura Perry (Castlerock Conservation)



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- Recent speakers: James Watson, E.J. Milner-Gulland, Hua Fangyuan, Jeffrey D. Sachs, William Sutherland, Rodrigo Medellín, ....

## AUTHOR & PRESENTER LIST

AUTHOR LAST NAME	AUTHOR FIRST NAME	SESSION ID
	Sahamatha	T-4C
Abdul Ghani	Nur Aida	T-2C
Abelshausen	Bieke	T-4B
Ahlholm	Aku	T-4B
Akber	Saira	T-3C
Ala-Kurikka	Iina	T-2B, T-3B, T-4B, Poster
Alba-Patiño	Francy Daniela	W-1C
Albrecht	Jörg	M-2C
Aliácar	Sara	T-4B
Alvarez	Anton	T-3B, Poster
Amit	Ronit	T-3D
Anagnostou	Michelle	T-3C
Andersen	Oddgeir	M-1C
Andrade	Riley	M-4B
Angeloff	Michael	T-1D
Arbieu	Ugo	M-2C, T-4B
Armsworth	Paul	Poster
Arpin	Isabelle	Poster
Arroyo	Beatriz	T-3D
Arts	Irma	W-3B
Arts	Koen	Poster
Asensio	Victoria	Poster
Athreya	Vidya	M-1C
Atlan	Anne	W-4A
August	Katherine	Poster
Ayerza	Pablo	M-2B
Bailey	Karen	M-2C, M-3B
Bal	Guillaume	Poster
Balakrishnan	Athira	W-1C
Balian	Estelle	M-4C
Barnes	Lauren	Poster
Bartoń	Kamil	W-3C
Basak	Syantani	M-1B, T-4A
Basile	Simone	W-3A
Bateman	Heather	M-4B
Bath	Alistair	T-4D
Belmain	Steven	W-4A, Poster
Benciolini	Maria	W-3C
Bertzosa	Blanca	T-3B
Bhardwaj	Manisha	T-4A

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AUTHOR LAST NAME	AUTHOR FIRST NAME	SESSION ID
Bhatia	Saloni	W-3A
Biasseti	Pierfrancesco	W-3A, Poster
Biedenweg	Kelly	T-4D
Biermann	Christine	Poster
Biggs	Duan	M-2C
Birtles	Richard	Poster
Bob	Urmilla	M-2B
Bodenburg	Christof	T-2C
Boley	Bynum	W-4A
Bollmann	Manuel	T-3C
Bond	Jen	W-4B
Boonman-Berson	Susan	W-4C, Poster
Borrie	Bill	T-3D
Boyles Griffin	Stephanie	M-1C
Bray	Daniel	Poster
Breck	Stewart	W-3C
Brekl	Julia	W-3B
Brownlee	Matthew	M-2C
Bruskotter	Jeremy	M-1A, T-4B
Buijs	Arjen	Poster
Bukhi Mabele	Mathew	T-1D
Butler	James	M-3A, M-3C
Cabeza	Mar	Poster
Caillé	Juliette	T-1D
Camara	Cassiopeia	T-3B
Camp	Ed	T-4C
Canac-Marquis	Pierre	T-2A
Cardinal	Claire	T-4D
Carlson	Shelby	M-1A
Carpenter	Kit	Poster
Carranza	Juan	Poster
Carrasco	Jesus	W-2B
Carruthers-Jones	Jonathan	Poster
Carter	Neil H.	M-2C, T-4B
Carvalho	William Douglas	T-1C
Casaer	Jim	W-1C
Casanelles Abella	Joan	T-3A
Casola	William	T-4C
Castro	Antonio J.	W-1C, W-2B
Cavallin	Pascal	Poster
Černe	Rok	M-4A

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Cerri	Jacopo	M-2A
Chan	Kai M.A.	Poster
Chatterjee	Anomitro	W-4A
Chavez Dagostino	Rosa M.	T-1B
Cherel	Erwan	Poster
Chiasson	Doug	T-2A
Chisholm Hatfield	Samantha	T-4D
Chizinski	Christopher	T-1C, T-4C, Poster
Cilliers	Sarel	M-4B
Cipollone	Mario	T-2C
Ciucci	Paolo	W-3A
Clay	Anne	W-3A
Clemm von Hohenberg	Bernhard	T-4B
Colomer	Joana	W-1C
Consorte-McCrea	Adriana	M-3A, M-4A
Cortes	Yolanda	T-3B
Courchamp	Franck	M-2C
Crooks	Kevin	T-3B, W-3A, W-3C
Crowley	Sarah	M-4A
Culos	Manon	M-4C
Cuyten	Koen	W-3C
D'Angelo	Gino	W-4A
Danoff-Burg	James	T-4D
Davenport	Tim	M-3A
Dawson	Terry	W-1C
de Mori	Barbara	W-3A, Poster
De Urioste-Stone	Sandra	M-2C, W-2C, Poster
Dekker	Inge	W-3B
del Valle	Juan Pablo	T-4D
Delibes	Miguel	M-3B, T-3D, W-2B
Desrochers	Hannah	W-4A
DeWan	Amielle	T-2C
Dhee	Dhee	T-2B
Dhuliya	Piyush	Poster
Díaz Lora	Silvia	T-3D
DiGiorgio	Andrea	T-2D
Doberstein	Brent	T-3C
Donati	Giuseppe	T-4D
Doney	Ethan D.	Poster
Drenthen	Martin	W-3B
Dressel	Sabrina	M-2C, T-4B, W-2C, Poster

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Drouet-Hoguet	Nolwenn	Poster
Druga	Marina	T-2C
du Toit	Johan	M-3A
Dumez	Richard	Poster
Durá Alemañ	Carlos Javier	M-2B, T-3D
Dutta	Sutirtha	Poster
Echeverri	Alejandra	Poster
Eddy	Raina	M-1A
Egerer	Monika	T-3A
Eiler	Benjamin	T-3D
Ekernas	Stefan	T-1B
Eklund	Ann	M-4C, T-1C
Elmberg	Johan	T-1C
Erickson	Brian	T-4D
Eriksson	Louise	T-1C
Espinosa	Silvia	T-3B
Fanari	Eleonora	T-1B
Farias Maia	Joélio	Poster
Fernandez	David	T-1C
Fernandez Ramos	Javier	W-1A
Flinzberger	Lukas	M-3C
Flykt	Anders	Poster
Francisco	Raquel	W-4A
Frank	Jens	T-2B, Poster
Freitas Bento	Isabella	M-1C
Freund	Cathryn	T-2D
Fry	Tom	T-3A
Fuentes	Agustin	Poster
Fürst	Christine	T-2B
Gagnière	Mélissa	M-1B
Gaillard	Tommy	Poster
Gamborg	Christian	M-2A, T-4B
García Arranz	Alejandro	W-2B
Garcia Tardio	Maribel	M-2B, Poster
Gardner	Allison	W-4A
Garrido	Fernando	M-3B, W-2B
Garrote	German	Poster
Georgiev	Alexander	M-3A
Gimenez	Olivier	T-4C
Giorgione	Chiara	W-3A
Giovacchini	Simone	Poster

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AUTHOR LAST NAME	AUTHOR FIRST NAME	SESSION ID
Glikman	Jenny	M-2A, M-3B, T-1A, T-4B, W-3C, Poster
Goldenberg	Shifra	T-2C
Gonzalez	Mireille	T-3B
González Granados	María	M-3B
Gorczyca	Elżbieta	M-2A
Grêt-Regamey	Adrienne	M-1C
Gross	Eva	W-1A
Grøva	Lise	T-1D
Grünewald	Claudia	W-4C
Guetté	Adrien	Poster
Guillerme	Sylvie	M-4C
Guinel	Berenice	M-2A
Guo	Tian	M-1B, M-2B
Gupta	Tanya	Poster
Haase	Dagmar	T-4A
Hamm	Joseph	T-1D
Hansen	Malene Friis	Poster
Hansen	Inger	T-1D
Hansen	Gail	W-2A
Hargreaves Mendez	Matias	T-4D
Harshaw	Howard	W-2C
Helle	Inari	M-1C
Heltai	Miklos	Poster
Hemminger	Karoline	T-1C
Héritier	Stéphane	T-3C
Heurich	Marco	Poster
Hidalgo-Vaquerizas	Patricia	W-1C, Poster
Hilderink	Femke	W-1A
Hill	Kate	T-1A, T-4D
Hodgson	Dave J.	M-4A
Hodgson	Isla	M-2C
Holmes	George	T-1D
Holmes	Andrew	W-4B
Holmes	George	M-4A
Hortel	Franchesca	Poster
Hostetter	Nathan	W-4A
Hovardas	Tasos	M-3C
Hoxha	Bledi	W-3A
Huang	Michelle	T-2D
Hughes	Louise	Poster

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Hymel	Victoria	Poster
Ibáñez-Álamo	Juan Diego	Poster
Ibrahim	Abdalla	M-3A
Iglesias	Ana	T-2C
Iglesias Gonzalez	Zurine Iglesias Gonzalez	T-2C
Izquierdo	Lucia	Poster
Izquierdo	Eva	W-2A
Jacobs	Maarten	T-4B
Jacobs	Sander	T-4B
Jansujwicz	Jessica	M-2C
Jaric	Ivan	M-2C
Jay	Marion	M-3C
Jayantha	Deepani	Poster
Jean Fidèle	Mosa	T-4D
Jędrzejewski	Włodzimierz	Poster
Jewell	Kyle	T-2C, Poster
Jimenez	Jose	M-2B
Johannsen	Kristina	W-4A
Johansson	Maria	M-2C, T-1C, T-2B, W-2C, W-4B, Poster
Jones	Megan	T-4D
Joshi	Yashendu	M-1B, Poster
Kaasa	Oddbjørn	T-1D
Kalendarishvili	Alexandra	T-2A, Poster
Kamath	Pauline	W-2C
Kantar	Lee	W-2C
Kanwal	Shehnila	T-3C
Karns	Gabe	T-3C
Kastrati	Adelina	W-3A
Kathait	Shailendra Singh	Poster
Kavcic	Irena	T-2B
Keller	Rose	M-1C
Kenji de Moraes Sato	Vinícius	M-1C
Khorozyan	Igor	M-1A
Kiffner	Christian	Poster
Kijowska-Strugała	Małgorzata	M-2A
Kilasara	Deogratius	W-1A
Kirkland	Hannah	M-4C
Klenzendorf	Sybille	W-1A
Klinger	Rob	M-2B
Koenig	Hannes J.	M-4C, T-2B
Konczal	Agata	Poster

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König	Hannes	Poster
Kou	Mengxi	Poster
Krajewski	Julie	T-1B
Krishnamurthy	Ramesh	T-2B
Kumble	Sumant	M-4B
Kwapisz	Paweł	M-1B
Labach	Hélène	T-4C
Lacan	Léa	W-1B
Lagos Susaeta	Francisco	T-4D
Larpei	Lexson	T-2C
Larson	Kelli	M-4B
Larson	Lincoln	W-4A
Larson	Kelli	M-4B
Lauret	Valentin	T-4C
Lavey	Warren	Poster
Lavoie	Anna	M-2C
Lebarbenchon	Camille	W-4A
Lecuyer	Marie-Lou	M-3C
Lecuyer	Lou	M-3C, M-4C, T-4D
Lee	Alex	M-2A
Lehnen	Lisa	M-2C
Lenguya	Laiyon	T-1D
Leong	Rachel	W-4A
Lerman	Susannah	M-4B
Lescureux	Nicolas	T-4C
Letoluai	Ambrose	T-1D, T-2C
Li	Yanxi	M-1B, M-2B
Linares	Olmo	Poster
Linnell	John	M-4C, T-1A, T-2B, Poster
Little	Andrew	T-1C
Locquet	Alexandra	T-3C, Poster
Lopes-Fernandes	Margarida	T-4B
Lopez	Marcos	M-2B, Poster
Loy	Anna	Poster
Lukasik	Karolina	T-4A
Luoma	Mikael	M-1C
Lute	Michelle	M-2C
Lyly	Mari	M-1C, T-2B, T-3B, T-4B, Poster
Mahmood	Tariq	T-3C
Majadas Andray	Julio	T-3B, Poster
Majadas Ayuso	Hugo	T-3B, Poster



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AUTHOR LAST NAME	AUTHOR FIRST NAME	SESSION ID
Majic Skrbinek	Aleksandra	T-2B
Mak	Brandon	T-3A
Malak	Adela	M-2A
Malcolm	Christopher D.	T-1B
Manfredo	Michael	M-2C
Månsson	Johan	T-1C
Mäntyniemi	Samu	M-1C
Marino	Filippo	M-4A
Marino	Agnese	T-4B
Marker	Laurie	M-4A
Márquez	Ana Luz	M-3B
Marsden	Katrina	M-3C, M-4C
Marshall	Harry	W-4A
Martin- Collado	Daniel	T-2C
Martin-Ortega	Julia	T-1D
Martínez-Jauregui	María	M-3B, Poster
Martins Ferreira	Marcelo	T-1C
Marzano	Mariella	M-3A, W-2C
Massei	Giovanna	M-1C, W-1C, Poster
Matsvimbo	Fadzai	Poster
Mawenya	Rose	T-1D
Mayer	Paula	M-1C
McCabe	Grainne	T-1C
McDonald	Robbie	M-4A
McDonald	Shelby	T-1B
McLeod	Emily	T-3D
Meeder	Annie	M-2B
Meletis	Zoe	M-1B
Mertens	Annette	T-2C
Merz	Leandra	T-4B
Meurs	Pieter	T-4B
Miller	Kelly	T-3D
Mirenda	Cloe	W-3C
Mobarak	Chaima	M-3C
Moesch	Simon	T-4A
Molnar	Zsolt	T-4D
Monsarrat	Sophie	T-2C
Moore	Alex	M-4B
Moorman	Christopher	W-4A
Morales	Nia	M-2C

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<b>AUTHOR LAST NAME</b>	<b>AUTHOR FIRST NAME</b>	<b>SESSION ID</b>
Morales-Reyes	Zebensui	M-2B, M-3B, T-3D, W-1C, Poster
Moreira Santos	António Emídio	W-2B
Moreno Ruiz	Laura	T-3D
Mostegl	Nina	T-1B
Moreno-Opo	Rubén	T-2A
Moreno-Zárate	Lara	T-3D
Morzillo	Anita	W-3C
Mostegl	Nina	T-1B
Mouro	Carla	T-4C
Mueller	Thomas	M-2C
Munguía Barragán	Elizabeth	T-1B
Munyao	Martha	Poster
Mustin	Karen	T-1C
Nadeem	M. Sajid	T-3C
Nageotte	Nichole	T-1B
Nascimento	Yuri	T-1C
Naughton	Lisa	M-1A
Navarro	Maria	M-2B, Poster
Nelson	Michael	M-1A
Niedziałkowski	Krzysztof	W-2C
Niemiec	Rebecca	T-3B, W-3A
Nilon	Charles	M-4B
Nilsson	Lovisa	T-1C
Nsukwini	Sakhile	M-2B
Nuckols	Tyler	M-3B
Nudalo	Krystal	Poster
Nyman	Madeleine	T-3B, Poster
O'Brien	Michael	T-2A
O'Mahony	Kieran	W-1B
Ohnishi	Masahiro	Poster
Okumura	Tadanobu	Poster
Olivero	Jesús	M-3B
Olszanska	Agnieszka	M-3B, W-3C
Oram	Felicity	T-2D
Orchard	Rachel	M-3A, W-2C, W-4A
Ostermann-Miyashita	Emu-Felicitas	M-4C, Poster
Otadoy	Julie	Poster
Othman	Nurzhafarina	T-2C
Otieno	Vincent	Poster
Ouvrier	Alice	M-4C
Owen	Ave	M-3B

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AUTHOR LAST NAME	AUTHOR FIRST NAME	SESSION ID
Owono Ndong	Juan Manuel Bibang	T-1C
Oxley	Aimee	T-1C, Poster
Palacios	Vicente	T-2A
Pallazza	Samantha	T-1B
Palmer	Clare	M-2A
Paschoaletto Micchi de Barros Ferraz	Katia Maria	M-1C
Pathak	Kushagra	Poster
Pavlov	Aleksandar	W-3A
Pelikka	Jani	M-1C
Pérez de Ayala	Ramón	T-3B, W-2B
Perry	Laura	Poster
Peterson	Nils	W-4A
Pettersson	Hanna	T-4D
Pettorelli	Nathalie	M-3A
Pickering	Tomas	T-1D, T-2C
Pienaar	Elizabeth F.	T-4C, W-4A, W-4B
Pietrzyk-Kaszynska	Agata	M-3B
Pilfold	Nicholas	T-1D
Pinedo	Sergio Ovidio	W-2B
Pinho de Almeida	Marta	T-4B
Pisanwanich	Akaraphum	M-3B
Pittman	Jeremy	T-1C
Plieninger	Tobias	M-3C
Pohjolainen	Harri-Pekka	T-4B
Potl	Bethany	T-3C
Pomeranz	Emily	T-3D
Pons-Raga	Ferran	Poster
Pooley	Simon	T-1A
Porras Murillo	Laura	T-1B
Pratt	Elizabeth	W-4B
Pröbstl-Haider	Ulrike	T-1B
Queiroz Di Souza	Anna Beatriz	M-1C
Quétier	Fabien	T-2C
Raabe	Nyree	T-4C
Rabemananjara	Holinirina Beby	T-2C
Radhakrishna	Sindhu	W-1C
Rahimzadeh-Bajgiran	Parinaz	M-2C
Ramos	Anna	Poster
Ramseyer-Krog	Nadja	T-2D
Rancew-Sikora	Dorota	W-1C
Rantala	Mirja	T-2B, T-3B, T-4B

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Redondo Gómez	Daniel	T-3D
Reibel	Victoria	W-3C
Renn	Emily	M-2C
Requena-Mullor	Juan Miguel	W-1C
Ribeiro	Silvia	Poster
Rickard	Laura	W-2C
Rivera	Christian	T-2D
Robinson	Natalie	T-2D
Rodriguez	Shari	T-2B, W-3C
Rodriguez Stimson	Julio	T-3C
Rodriguez-Teijeiro	Jose Domingo	W-1C
Rogerson	Isabelle	T-1C
Roos	Deon	W-1C
Rosell	Carme	W-1C
Rosencranz	Holly	Poster
Roy	Akashdeep	T-1D
Roznowski	Rob	T-3D
Ruiz	Jorge	W-2B
Ruppert	Kirstie	T-1D, T-2C
Rutten	Anneleen	W-1C
Sabo	Garth	T-3D
Sacco dos Anjos	Flávio	Poster
Salcedo	Francisco	M-2B, Poster
Salvatori	Valeria	M-3C, M-4C, W-3A
Sampedro Ortega	Yolanda	T-3B, Poster
Sánchez Fabián	José Ángel	T-3B, Poster
Sánchez Zapata	José Antonio	M-2B
Sandøe	Peter	M-2A
Sandstrom	Camilla	M-4C, T-1A, W-2C, Poster
Santamaría	Ana Eugenia	W-2B
Sarrazin	François	Poster
Schenk	Todd	Poster
Schreckenber	Kate	W-1C
Schultz	Courtney	W-3C
Schuster	Grace	T-1C, Poster
Schutgens	Maurice	Poster
Seltmann	Martin	M-1B
Sen	Mihika	Poster
Seneme Gobbi	Anita	M-1C
Shreedhar	Ganga	W-4A

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Sergiel	Agnieszka	W-3C
Sever	Maja	M-4A
Sharma	Shalini	T-1D
Shaw	Meghan	T-3D
Shaw	Kaitlyn	T-4D
Sheraz	Ayesha	T-3C
Shreedhar	Ganga	W-4A
Shrestha	Samridhi	T-3D
Silva Mello	Dalila	T-1C
Silvestre Barrio	Fernando	W-2B
Singh	Virat	M-1C
Sinha	Anindya	M-1B
Sjoelander-Lindqvist	Annelie	M-4C, W-2C, W-4B
Slagle	Kristina	T-3C
Smith	Angus	Poster
Smith	PJ	W-2A
Smith	Kyle	W-4A
Soares	Filipa	T-4B
Solano	Angelica	T-2B
Solecki	Adam	M-2A
Soliño	Mario	Poster
Solofo Martial	Ratsimamao	T-4D
Søndergaard Jensen	Frank	M-2A
Songsremjareonchot	Mongkol	M-2A
Soucy	Alyssa	M-2C
Sponarski	Carly	W-2C
Srisai	Chadaporn	M-2A
Srivastava	Nimisha	T-2B
Steele	Zachary	W-4B
Stone	Suzanne Asha	M-1A
Stowe	Hannah	T-1C
Strączyński	Michał	M-1B
Stringer	Lindsay	T-4D
Strzelecka	Marianna	W-1C
Sturgeon	Diane J. E.	W-4B
Sulli	Cinzia	Poster
Surve	Nikit	M-1C
Sweet	Fabio	T-4A
Teampanpong	Jiraporn	M-2A
Thanarojanakul	Pareena	M-2A

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Tin	Tina	T-3C
Tobajas	Jorge	M-2B
Torrents-Ticó	Miquel	Poster
Trajce	Aleksander	W-3A
Treves	Adrian	M-1A
Trujillo	Fernando	Poster
Truyers	Yano	T-4B
Turiño García	María	T-3B, Poster
Turnbull	Jonathon	T-3A
Tusznio	Joanna	W-1C
Ullmann	Anna	T-4D
Ulrichsen	Sarah	T-4C, Poster
Valverde-Zúñiga	Natalia	T-3D
Van Buskirk	Amanda	W-4A
Van de Port	Ravi	Poster
Van de Water	Antoinette	M-3B
van der Wielen	Grace	M-3A
Van Engelen	Wisse	W-1B
Vaquerizas	Patricia H.	M-3B, W-2B
Varela	Elsa	M-3C, T-2C
Vargas	Solange	T-4D
Venkat	Meena	M-4A
Venumiere-Lefebvre	Cassandre	W-3C
Verschueren	Stijn	M-4A
Vieira	Marta	T-4B
Villafuerte	Rafael	M-3B, W-2B, Poster
Vimal	Ruppert	M-4C
Visseren-Hamakers	Ingrid	W-3A
Vivas	Ilad	Poster
von Arx	Manuela	W-3A
von Essen	Erica	T-3A, T-4A
Vucetich	John	M-1A
Vuorisalo	Timo	M-1B
Wąchała	Patrycja	W-1C
Waldman	Shana	M-3B
Wallen	Kenneth	Poster
Wanner	Alice	T-1B
Ward	Rebecca	M-2C
Warren	Paige	M-4B
Wąs	Joanna	M-2A

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AUTHOR LAST NAME	AUTHOR FIRST NAME	SESSION ID
Waters	Siân	M-3A, M-4A, T-2D
Weegeenaar	Annemarie	W-3C
Wellmann	Thilo	T-4A
White	Bryant	T-2A
Whitehead	Toryn	W-1C
Wierzbowska	Izabela A.	M-1B, T-4A, W-1C
Wilkins	Kate	T-1B
Winkel	Georg	Poster
Wojciechowski	Filip	Poster
Wong Reyes	Grace	T-1B
Wood	Penney	M-1B
Woods	Alaina	W-2C
Wszelaki	Sebastian	T-2C
Xiong	Lina	M-1B, M-2B
Yabsley	Michael	W-4A
Yhamdee	Arnuparp	M-2A
Yoo	Boaz	T-2D
Yost	Jenn	M-2B
Young	Juliette	M-3A, M-3C, T-4D
Yue Yu	Anna	M-2C
Zouhar	Yosra	M-1C

### **Congratulations to our scholarship award recipients!**

Francisco Lagos Susaeta, University of Cordoba, Spain

Anna Ullman, Technical University of Munich, Germany

Athira Balakrishnan, National Institute of Advanced Studies, India

Penney Wood, University of New South Wales, Australia

Saloni Niranjana Bhatia, Ashoka Trust for Research in Ecology and the Environment, India

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