





Π



September 16-19, 2018 Goslar, Germany



HUMAN DIMENSIONS OF NATURAL RESOURCES COLORADO STATE UNIVERSITY







Leibniz Institute for Zoo and Wildlife Research







Conference Co-Chairs

Michael Manfredo & Jerry Vaske, Colorado State University Eick von Ruschkowski, Alfred Toepfer Akademie for Nature Conservation Heribert Hofer, Leibniz Institute for Zoo and Wildlife Research Moritz Klose, WWF Germany

Conference Advisory Board

Robert Arlinghaus, Leibniz Institute of Freshwater Ecology and Inland Fisheries, Berlin, Germany Luigi Boitani, University of Rome, Italy

Jeremy Bruskotter, Ohio State University, Columbus, Ohio, USA

Thomas Fish, National Coordinator, Cooperative Ecosystems Studies Unit, Washington, D.C., USA Maarten Jacobs, Department of Environmental Sciences, Wageningen University and Research, Netherlands

Andreas Krüss, Federal Nature Conservation Agency, Bonn, Germany Craig Miller, Illinois Natural History Survey, Prairie Research Institute, Champaign, USA Camilla Sandström, Swedish University of Agricultural Sciences, Umea, Sweden Ketil Skogen, Norwegian Institute for Nature Research, Oslo, Norway

Pathways Conference Team

Local Host:Eick von RuschkowskiLocal Organizing Committee:Moritz Klose, Stefanie Klein, Jan Kehl, Josepha Prügel,
Heribert Hofer, Eick von RuschkowskiConference Director:Claire Nitsche, Colorado State UniversityConference Coordinator:Wes White, Colorado State UniversityStudent Assistants:Paula Baumgarten, Katharina Brüntgens, Karen Großkreutz,
Ronja Herzberg, Nina Lefeldt, Mahan Moatamedi,
Raphael Rosner, Kristin Weigt

Welcome to the 7th International Pathways Human Dimensions of Wildlife Conference which also is the first Pathways Conference to be held in Europe. While other parts of the world still enjoy vast wilderness areas, nature in Europe has long been domesticized by humans. Just over the past two decades, long-term conservation efforts have shown success and some parts of the former wilderness are recovering and returning. Most dominantly, large carnivores like brown bear, wolf and lynx have received a lot of public attention and represent this year's conference theme: "Resurrecting the Wild!?" which is accompanied by both exclamation and question mark to illustrate the lively discussions that are taking place throughout Europe from Scandinavia to Sicily.

We have tried our best to identify research efforts and case studies in all parts of Europe to provide a common rooftop under the field of human dimensions or, more lately, conservation social science. We think it is important to bring together researchers and practitioners to identify the challenges that are associated with protecting, managing and harvesting wildlife. Clearly, a better understanding and integration of the human aspects of wilderness and wildlife issues could contribute to achieving global conservation objectives, to enhancing the management of game, wildlife and protected areas, and to fostering co-existence between humans and wildlife. Because of our common objectives yet diverse cultural backgrounds, we should make use of the opportunity to learn not only from our European neighboring countries, but also in a global context where issues that seem novel to many Europeans have been addressed for a much longer period of time.

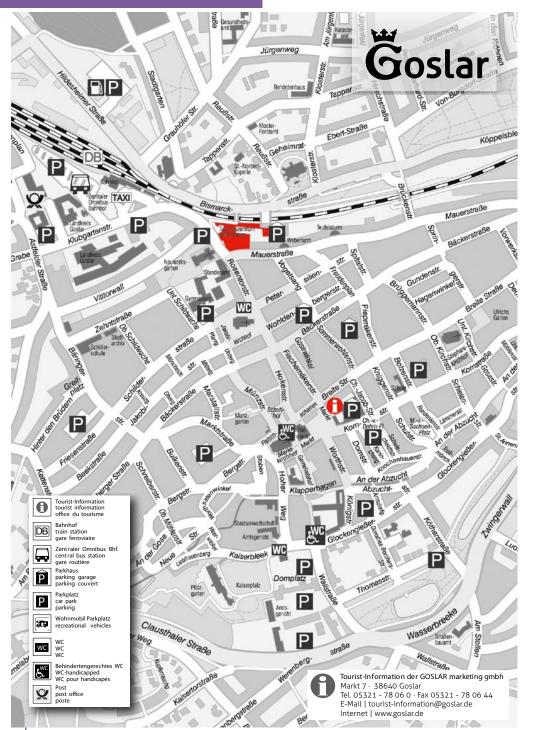
Who wouldn't think that experiences from e.g. African or Asian wildlife managers could provide a more solid understanding when it comes to dealing with the return of the wolf to Central Europe?

If you are interested in hosting a future Pathways Europe Conference, please contact the conference co-chairs.

Again, welcome to Goslar and enjoy the conference!

MICHAEL MANFREDO, JERRY VASKE, EICK VON RUSCHKOWSKI HERIBERT HOFER, MORITZ KLOSE

Goslar Information





Getting to the Conference Venue

From the Goslar train station, the hotel "Der Achtermann" is already visible, it is approximately five minutes walking distance. For orientation, just follow the "Pathways 2018" markers on the sidewalk that will guide you to the hotel. The street address is Rosentorstraße 20. If you are arriving by car, please use the following address for your navigation device: 38640 Goslar, Mauerstraße 38. This will direct you into the hotel's parking garage instead of the front entrance where there is no parking available.

Things to Do

For all indoor and outdoor activities in the region, please consult with Goslar Tourism. Their English website can be found at:

https://www.goslar.de/home-en.

If you have extra time in Goslar or the Harz region, we recommend visiting one of the following attractions:

- City Tour: The tourism office offers a city tour in English for up to 20 people for 80 Euros. If you plan to do one, you need to inform Goslar Tourism two days in advance.
- Harz National Park: https://www.nationalpark-harz.de/en/start/
- Rammelsberg Mine World Heritage Site: https://www.rammelsberg.de/en/

In case of emergency

In case of any medical emergencies, please dial **112** immediately.

For police emergencies, please dial **110**.

The nearest emergency room is located at **Harzklinik Goslar**, Kösliner Straße 12, 38642 Goslar. The phone number is **+49 5321 440**.

Welcome

Organizing Institutions

Alfred Toepfer Akademie für Naturschutz The Alfred Toepfer Academy for Nature Conservation

The Alfred Toepfer Academy for Nature Conservation was founded in 1981 and is a state governmental entity under the auspices of the Ministry of the Environment, Energy, Building and Climate Protection of the State of Lower Saxony in Northern Germany.

Our mission is the promotion and implementation of nature conservation objectives by education, training, and research. The academy is the statewide training center for professionals in the field of nature conservation, landscape planning and wildlife management. Organizing and coordinating workshops and conferences is the core business of the academy. In addition, the academy administers the so-called "Freiwilliges Ökologisches Jahr" (Voluntary Ecological Year), an educational program that allows young adults to volunteer for a year in ecological projects. We also serve a research mission in which we are trying to engage practitioners and science in transdisciplinary projects with a focus on integrating nature conservation into society. Our patron is Alfred Toepfer (1894-1993), a merchant, entrepreneur and philanthropist from Hamburg who was a vocal supporter of the Lüneburg Heath Nature Park, its affiliated NGOs, and also a founding father of Europarc Federation. http://www.nna.niedersachsen.de



HUMAN DIMENSIONS OF NATURAL RESOURCES COLORADO STATE UNIVERSITY

Human Dimensions of Natural Resources, Colorado State University

Colorado State University's Human Dimensions of Natural Resources Department focuses on understanding and attending to the needs and values of humans, human society, and culture as it relates to the natural environment. Originating from efforts pioneered by the Warner College of Natural Resources to study the application of human dimensions of natural resources (HDNR) in the early 1970's, eventually transforming those efforts into the Department of Human Dimensions of Natural Resources. The mission of the Department is to contribute to the conservation, stewardship, and enjoyment of natural and cultural resources and the management of those resources in a way that produces both land health and sustainable human benefits. The Department offers an MS and a PhD in the Human Dimensions of Natural Resource Recreation and Tourism, and Environmental Communication. The department is one of seven programs in the United States that offers a comprehensive bachelor's, master's, and doctoral program. https://warnercnr.colostate.edu/hdnr/



Leibniz Institute for Zoo and Wildlife Research

LIFE EURO

The Leibniz Institute for Zoo & Wildlife Research (Leibniz-IZW) is an internationally renowned wildlife research institute and a member of the German Leibniz Association with a broad interdisciplinary expertise in evolutionary ecology and genetics, ecological dynamics, wildlife diseases, reproductive biology and management. We study the diversity of life histories and evolutionary adaptations of free-ranging and captive wildlife species, their interactions with people and the environment and their resilience to global change. Our goal is to contribute to the development of a predictive framework which explains why some wildlife species are threatened by anthropogenic change whereas others persist or even thrive in modified, degenerated habitats. Based on this predictive framework, we aim to design appropriate concepts and methods for conservation interventions suitable for improving the adaptability of threat-ened wildlife. We communicate research findings and organize several international conferences and workshops for stakeholders and the scientific community every year. The institute also provides several research-oriented scientific services and extensive scientific reference collections of international importance. www.izw-berlin.de

LIFE EuroLargeCarnivores

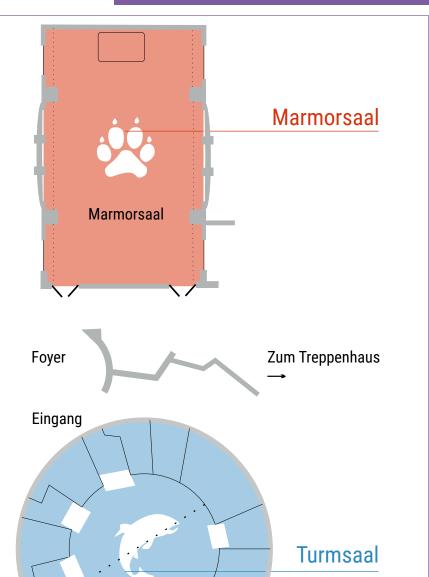
The project aims at providing a platform to gather and share knowledge on human-large carnivore coexistence among various stakeholders across Europe. The diverse approaches to managing social, economic and ecological challenges will be made widely available, as will good practice in transboundary cooperation. Topics like monitoring, human-wildlife conflict mitigation and prevention, the discussion of fears and safety concerns, herding practices, but also poaching, economic opportunities and investment requirements will be the focus of this project that is funded by the LIFE Program of the European Commission. www.eurolargecarnivores.eu



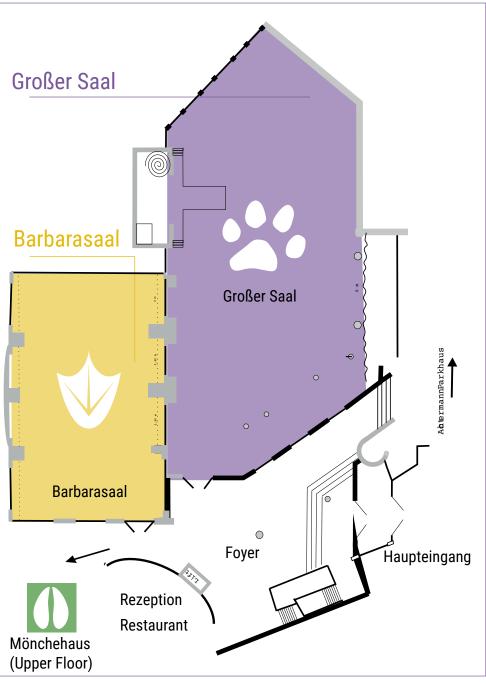
WWF Germany is part of the international environmental organization World Wide Fund for Nature (WWF). For over 50 years, the WWF network has been working around the globe to stop environmental degradation and shape a future in which man and nature live in harmony. In more than 100 national and international projects, WWF Germany is currently committed to the conservation of biological diversity and our natural resources. More than 500,000 sponsors support these activities. www.wwf.de

Conference Center, Ground Floor

Conference Center, Upper Floor



Turmsaal



Program at a glance

http://programme.exordo.com/pathwayseurope2018/



Program at a glance

	Sunday		Monday
8.00		8.00	
.15		.15	
.30		.30	
.45		.45	Conforance Opening/
9.00		9.00	Conference Opening/
.15		.15	Plenary Session
.30		.30	
.45		.45	
10.00		10.00	
.15		.15	Coffee Break
.30		.30	
.45		.45	
11.00	Training sessions on human	11.00	
.15	dimensions of wildlife and	.15	Sessions and Workshops A
.30		.30	
.45 12.00	human-wildlife conflicts	. 45 12.00	
.15		.15	
.13		.13	
.30		.30	Lunch
13.00		13.00	
.15		.15	
.30	Registration	.10	
.45	Registration	.00	
14.00		14.00	
.15		.15	Sessions and Workshops B
.30		.30	
.45		.45	
15.00		15.00	
.15		.15	
.30		.30	Coffee Break
.45		.45	
16.00		16.00	
.15		.15	
.30		.30	
.45		.45	Sessions and Workshops C
17.00		17.00	
.15		.15	
.30 .45		.30 .45	
.45 18.00		.45 18.00	
.15	Welcome Reception	.15	
.15	Welcome Reception	.15	
.30		.30	
19.00		19.00	
.15		.15	
.30		.30	
.00		.00	Destar & Desta Ossa'
20.00		20.00	Poster & Pasta Session
.15		.15	
.30		.30	
.45		.45	

	Tuesday	Wednesday		
8.00 .15 .30 .45	Plenary Session	8.00 .15 .30 .45	Plenary Session	
9.00 .15	Coffee Break	9.00 .15		
.30 .45		.30 .45	Coffee	Break
10.00 .15 .30 .45 11.00	Sessions and Workshops E	10.00 .15 .30 .45 11.00	0.00 .15 .30 .45 Sessions and Workshops H	
.15 .30 .45	Plenary Intervention	.15 .30 .45		
12.00 .15 .30 .45	Lunch	12.00 .15 .30 .45	Lunch	
13.00 .15 .30		13.00 .15 .30	Plenary In	tervention
.45 14.00 .15 .30 .45	Sessions and Workshops F	.45 14.00 .15 .30 .45	Sessions and	Workshops I
15.00 .15	Coffee Break	15.00 .15		
.30 .45		.30 .45	Coffee	Break
16.00 .15 .30 .45 17.00 .15	Sessions and Workshops G	16.00 .15 .30 .45 17.00 .15	Panel Discussion	Sessions and Workshops
.30 .45		.30 .45		
18.00 .15 .30 .45	Day Cappers	18.00 .15 .30 .45		
19.00 .15 .30 .45 20.00 .15 .30 .45		19.00 .15 .30 .45 20.00 .15 .30 .45	Conference Dinner	

Plenary Sessions

	Sunday September 16 th	
Venue:	Marmorsaal Welcome Reception 17:15	
Title:	Human Dimensions of Wildlife from a European Perspective: How can we improve the management of natural resources, wildlife and protected areas?	
	Anke Fischer, James Hutton Institute Robert Arlinghaus, Leibniz Institute of Freshwater Ecology and Inland Fisheries Andreas Pusch, Harz National Park Director Eick von Ruschkowski (moderator)	
~	Monday September 17 th	
Venue:	Großer Saal Plenary Session PL-1 08:30	
Title:	Conference Opening	
Minister Olaf Lies, Lower Saxon Minister of the Environment, Energy, Building and Climate Protection		

Prof. Dr. Beate Jessel, President of the Federal Agency for Nature Conservation Dr. Humberto Delgato Rosa, Director for Natural Capital, DG Environment, European Commission

	Tuesday September 18 th		
Venue:	Großer Saal Plenary Session PL-2 08:00		
Title:	Accelerating understanding and improving management of human-wildlife conflict by applying an anthropological perspective		
	Catherine Hill, Oxford Brookes University		
Venue:	Großer Saal Plenary Session PL-3 11:15 - 12:00		
Title:	The emotional appraisal of wildlife populations: Fear, interventions to reduce fear, and their management implications		
	Maria Johansson, Lund University, Sweden		
Venue:	Großer Saal Day Capper 1 17:45		
Title:	Do we wish to continue to just study people? Or are we willing to work with people to achieve conservation?		
	Alistair Bath, Memorial University		
Venue:	Marmorsaal Day Capper 2 17:45		
Title:	The Conservation Revolution: Radical Ideas for Saving Nature beyond the Anthropocene		
	Dr. Bram Büscher, Wageningen University		

	Wednesday S	September 19 th (presented by the EU LIFE Project EuroLargeCarnivores)	
Venue:		Plenary Stakeholder Session – PL-6 08:00 human-wildlife co-existence in Europe – Stakeholder involvement -based approaches in conservation	
Title:	Reintroduction among stakeho	of Lynx to the Palatinate Forest – Building and maintaining trust Iders	
	Jochen Krebühl (Four	ndation for Nature and the Environment Rhineland-Palatinate)	
Title:		n numbers? Lessons learnt from stakeholder involvement in large lation monitoring in Norway	
	Lars Bendik Austmo (Norwegian Institute of Bioeconomy Research)	
Title:	DifesAttiva: Carnivore Damage Prevention - From a network to an association of livestock farmers		
	Luisa Vielmi DifesAtti	va & Luisa Barckhausen (Società Agricola Murceti)	
Moderation:	Sanaz Saleh-Ebi	ahimi	
Venue:	Großer Saal Plenary Intervention PL-7 13:00		
Title:	Key Principles for Understanding and Mitigating Human-Wildlife Conflicts		
	Alexandra Zimmermann, Oxford University		
Venue:	Marmorsaal Human-wildlife conflicts around the globe 16:00		
Title:	Human-Carnivo	ore Conflict: Using Tradition and Innovation to Co-exist	
	Margaret Kinnaird, Practice Leader, Wildlife, WWF International		
Title:	Media's soft SPOT for leopards of Mumbai - When sensitised media leads the way for sensible reporting		
	Virat A Singh, Special Correspondent, Daily News and Analysis (DNA)		
Venue:	Marmorsaal	Panel Discussion W-J1 17:00	
Title:	Solutions to human-wildlife conflicts in Europe – What lessons can we learn from other parts of the world?		
	Alexandra Zimmerma	nn, Margaret Kinnaird, Virat Singh, David Scallan, Maria Johansson	
Venue:	Großer Saal	Conference Dinner 19:00	
Title:	Storytelling as Jennifer Croes	a tool for success in human-wildlife conflict scenarios	

M-A2 M-A1 **Migratory Fish Species Organized Ses-**Title: Tourism and Recreation 'A' sion Turmsaal Marmorsaal Venue: Dr. Wayde Morse Chair: Dr. Sophia Kochalski Voluntary Investments by Civilians into Title: How Far Are You Willing to Go? Salmonid Stocking and Habitat Marie Fujitani (Leibniz Centre for Tropical Marine Research), Carsten Riepe (Leibniz-Institute of Freshwater Ecology and Inland Fisheries), Thilo Pagel (Leibniz-Wayde Morse (Auburn University), Mitch Carter (Auburn Authors: Institute of Freshwater Ecology and Inland Fisheries). University), Max Birdsong (Auburn University) Julien Cucherousset (Laboratoire Evolution et Diversité Biologique (EDB UMR 5174), Université de Toulouse), et al (Collaboration) Seabirds and Humans in Close Encoun-A Benefits Approach to Voluntary Salmon ter: Do Social Norms Regulate Birder Title: Hatcheries **Behaviour** Hannah Harrison (Norwegian University of Life Sciences), Sophia Kochalski (Leibniz-Institute of Freshwater Ecology Øystein Aas (Norwegian Institute for Nature Research), Authors: Stian Stensland (Norwegian University of Life Sciences), and Inland Fisheries), Robert Arlinghaus (Humboldt Mehmet Mehmetoglu (NTNU) Universität Berlin), Øystein Aas (Norwegian Institute for Nature Research) How to Change Public Perception of Wildlife Tourists' Reactions to Not Seeing Title: the Animal They Would like to See -**Migratory Fishes?** Polar Bear Tourism as a Case Study Sophia Kochalski (Leibniz-Institute of Freshwater Ecology and Inland Fisheries), Marie Fujitani (Leibniz Centre for Hilde Nikoline Hambro Dybsand (The Norwegian Authors: Tropical Marine Research), Carsten Riepe (Leibniz-Institute University of Life Sciences (NMBU)) of Freshwater Ecology and Inland Fisheries), Robert Arlinghaus (Humboldt Universität Berlin) **Economic Value of River Conservation in** The Wadden Sea & Climate Change -Title: a Touristic Resurrected Wild Four Countries Carsten Riepe (Leibniz-Institute of Freshwater Ecology and Inland Fisheries), Juergen Meyerhoff (TU Berlin), Marie Fujitani (Leibniz Centre for Tropical Marine Research), Øystein Authors: Joachim Willms (Tourism Futures Institute) Aas (Norwegian Institute for Nature Research), Sophia Kochalski (Leibniz-Institute of Freshwater Ecology and Inland Fisheries), Robert Arlinghaus (Humboldt Universität Berlin) Title: **Migratory Fish Species** Sophia Kochalski (Leibniz-Institute of Freshwater Ecology and Inland Fisheries), Øystein Aas (Norwegian Institute for Authors: Nature Research), Robert Arlinghaus (Humboldt Universität Berlin)

	M-A3
Title:	Human-Wildlife Conflict
Venue:	Barbarasaal
Chair:	Dr. Christian Gamborg
Title:	Spatio-Temporal Assessment and Management of Human-Wildlife Con- flicts in the part of Northern Western Ghats
Authors:	<u>Ravindra Jaybhaye</u> (Dept. of Geography, Savitribai Phule Pune University, Pune)
Title:	Mapping Tolerance and Risk to Manage Conflict Hotspots
Authors:	Marie-Lou Lecuyer (El Colegio de la Frontera Sur), Sophie Calmé (Université de Sherbrooke), Rehema White (University of Saint Andrews), Birgit Schmook (El Colegio de la Frontera Sur)
Title:	Drivers of Human-Wildlife Conflicts in Iran's Hyrcanian Forests
Authors:	Laura Meinecke (Georg-August-Universität Göttingen), Maraja Riechers (Leuphana University), Mahmood Soofi (Georg-August-Universität Göttingen), Igor Khorozyan (Georg-August-Universität Göttingen), et al. (Collaboration)
Title:	Rewilding and Socio-Ecology of Gua- naco Repopulation in Chile
Authors:	<u>Solange Vargas</u> (Universidad de La Serena), Claudio Moraga (School of Natural Resources and Environment, and Wildlife Ecology and Conservation Department, University of Florida)

Session M-A 10:45 - 12:15

M-B1 M-B2 Human-Wildlife Interactions: Turning Con-Title: Wildlife Education flict into Coexistence Organized Session Marmorsaal Barbarasaal Venue: Chair: Dr. Jenny Anne Glikman Dr. Nuno Negroes Human Wildlife Interactions: Turning **Mediating Nature: Technology and** Title: **Conflict into Coexistence** (Dis)Connecting to the Outdoors Jenny Anne Glikman (San Diego Zoo Global), Beatrice Frank (Capital Regional District of Victoria), Silvio Marchini (University of Sao Paulo), Ketil Skogen (Norwegian Institute Authors: Irma Arts (James Hutton Institute) for Nature Research), Neil Carter (Boise State university USA), Jeremy Bruskotter (Ohio State University), Maarten Jacobs (Wageningen University Research) Valuing Nature Conservation: Approaches This session is 120 minutes and Title: and Theories from the Social Sciences includes individal presentations by Authors: the authors named above. Franziska Kroh (University College London) People and Jaguars (Panthera onca) in the Title: Bolivian Amazon: Diagnosing the Conflict to Develop Effective Outreach Strategies Nuno Negroes (ACEAA- Conservación Amazonica), Jenny Glikman (San Diego Zoo Global), Silvio Marchini (University of Sao Paulo), Marcos Terán (ACEAA- Conservación Amazonica), Authors: Luis Arteaga (ACEAA- Conservación Amazonica), Gladys Guanacoma (ACEAA- Conservación Amazonica), Ruth Cayalo (University of Pando), Luis Dumay (University of Pando), Kathrin Barboza (ACEAA- Conservación Amazonica) Title: **Clines in Brown Bear Acceptance by Teenagers** Linas Balčiauskas (Nature Research Centre). Hüsevin Ambarlı (Düzce University), Laima Balčiauskienė (Nature Research Centre.). Guna Bagrade (Latvian State Forest Research Institute Authors: "Silava"), Martynas Kazlauskas (Šiauliai University), et al. (Latvian State Forest Research Institute "Silava"), Diana Zlatanova (Sofia University "St. Kliment Ohridski"), Agrita Žunna (Latvian State Forest Research Institute "Silava") Local Perceptions of Dolphins in Eastern Title: Nigerian Inshore Atlantic: Effort for **Community-Based Conservation Strategy** Authors: Folaranmi Babalola (University of Ilorin) EDU-Wildlife – Large Carnivores in Focus Title: of Education Nadin Hermann (SCHUBZ - Umweltbildungszentrum der Hansestadt Lüneburg), Jonna Clasen (SCHUBZ Authors: Umweltbildungszentrum der Hansestadt Lüneburg), Frank Corleis (SCHUBZ - Umweltbildungszentrum der Hansestadt Lüneburg)

M-B3 Otters and Conservation Organized Title: Session Turmsaal Venue: Chair: Dr. B. Habbe and Dr. T. Serfass The Virtues and Liabilities of Using Ot-Title: ters as Flagships for Aquatic Conservation Thomas Serfass (Frostburg State University/IUCN Otter Specialist Group), Nicole Duplaix (Chair, IUCN Otter Specialist Group/Oregon State University), Kelly Pearce Authors: (University of Maryland Center for Environmental Science, Appalachian Lab), Andreas Kranz (University of Natural Resources and Life Sciences, Vienna), et al. (Collaboration) The Otter Way of Wildlife Management Title: - Fish-eating Predators and Fisheries Britta Habbe (Action for Otter Conservation e. V.), Astrid Authors: Kiendl (Action for Otter Conservation e. V.) The Otter Way of Wildlife Management -**Developing Otter-Friendly Exits from Fish** Title: Traps in Collaboration with Stakeholders Britta Habbe (Action for Otter Conservation e. V.), Hans-Heinrich Krueger (Action for Otter Conservation e. V.), Anja Reckendorf (University of Veterinarian Authors: Medicine Hannover (Foundation)), Steffen Goekemeyer (Chamber of Agriculture Lower Saxony), Albrecht Hahn (Association of Inland Fisheries and Pond Hosts in Schleswig-Holstein)

Session M-B 13:15 - 15:15

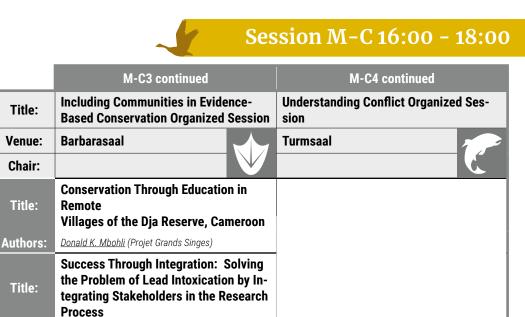
M-C2 cial Change and the Future of Carnire Conservation Organized Session armorsaal Jeremy Bruskotter cial Change and the Future of Car-Title: Including Commun Venue: Barbarasaal Chair: Dr. Eva M. Gross Title: Including Commun

Session M-C 16:00 - 18:00

	M-C1	M-C2
Title:	Hunters, Hunting and Wildlife Conser- vation Organized Session	Social Change and the Future of Carni- vore Conservation Organized Session
Venue:	Großer Saal	Marmorsaal
Chair:	Dr. Craig Miller	Dr. Jeremy Bruskotter
Title:	Hunters, Hunting, and Wildlife Conser- vation	Social Change and the Future of Car- nivore Conservation in Post-Industrial Societies
Authors:	<u>Craig Miller</u> (University of Illinois), Mikko Rautiainen (Met- sähallitus)	Jeremy Bruskotter (Ohio State University)
Title:	Attitudes of Hunters and the Public To- wards the Reintroduction of the Iberian Lynx Before and After Releases	Conserving Large Carnivores in a Modern World
Authors:	<u>Miguel Delibes-Mateos</u> (Instituto de Estudios Sociales Avanzados (IESA-CSIC)), Fernando E. Garrido (Instituto de Estudios Sociales Avanzados (IESA-CSIC)), Regina Lafuente- fernández (Spanish National Research Council (CSIC)), Steve Redpath (University of Aberdeen), et al. (Collaboration)	<u>Jeremy Bruskotter</u> (Ohio State University)
Title:	Applying the North American Model of Wildlife Conservation to Hunting Be- havior – it's Not as Simple as it Sounds	Coyote Behavioral Response to Urbani- zation in the Chicago Metropolitan Area
Authors:	Lou Cornicelli (Minnesota Department of Natural Resources)	<u>Stanley Gehrt</u> (Ohio State University)
Title:	Hunting's Contribution to Biodiversity Conservation in Europe	The Role of Democracy, Technocracy and Politics in Wildlife Management: A Case Study of Wolf (Canis Lupus) Hunting in Michigan, United States
Authors:	<u>David Scallan</u> (European Federation for Hunting and Conservation (FACE)), Monia Anane (European Federation for Hunting and Conservation (FACE))	John Vucetich (Ohio State University)
Title:	Hunters as Citizen-Scientists: The Case of Archery Deer Hunters in Illinois, U.S.A.	Predation Services: A Framework for Studying the Societal Costs and Benefits of Carnivores and Their Prey
Authors:	<u>Craig Miller (</u> University of Illinois), Adam Ahlers (Kansas State University)	<u>Sophie Gilbert</u> (University of Idaho)
Title:	Building a Citizen Science Network Among UK Waterfowl Hunters	Favouring Human-Large Carnivore Coexistence
Authors:	<u>Matt Ellis</u> (British Association of Shooting and Con- servation)	José Vicente López-Bao (Oviedo University)

	M-C3	M-C4
Title:	Including Communities in Evidence- Based Conservation Organized Session	Understanding Conflict Organized Ses- sion
Venue:	Barbarasaal	Turmsaal
Chair:	Dr. Eva M. Gross	Dr. Sophia Kochalski
Title:	Including Communities in Evidence- Based Conservation	Understanding Conflict
Authors:	<u>Eva M. Gross</u> (Awely, Wildtiere und Menschen e.V.), Heribert Hofer (Leibniz Institute for Zoo and Wildlife Research)	<u>Sophia Kochalski</u> (Leibniz-Institute of Freshwater Ecology and Inland Fisheries), Hannah Harrison (Norwegian Univer- sity of Life Sciences)
Title:	Stakeholder Participation and Evidence- Based Conservation: What are Conservation Scientists or Practitioners Afraid of?	Gravel Pits: Recreational Conflicts Perceived by Anglers
Authors:	<u>Heribert Hofer</u> (Leibniz Institute for Zoo and Wildlife Research)	<u>Juergen Meyerhoff</u> (TU Berlin), Thomas Klefoth (An- glerverband Niedersachsen e.V.), Robert Arlinghaus (Hum- boldt Universität Berlin)
Title:	Changing Perspectives: Using Local Knowledge for Finding Solutions to Human-Elephant Conflicts in Zambia	Ecological Reasoning and Understanding Social Conflict in Small-Scale Salmon Hatcheries in Wales
Authors:	Eva M. Gross (Awely, Wildtiere und Menschen e.V.)	<u>Hannah Harrison</u> (Norwegian University of Life Sciences), Sophia Kochalski (Leibniz-Institute of Freshwater Ecology and Inland Fisheries)
Title:	Integrating Traditional Knowledge in Conservation of Manas Landscape, India	A Practitioner`s View on Recreational Angling and Natura 2000
Authors:	<u>Bibhuti Lahkar (</u> Aaranyak <u>)</u>	<u>Thomas Klefoth</u> (Anglerverband Niedersachsen e.V.), Ralf Gerken (Anglerverband Niedersachsen e.V.), Matthias Emmrich (Anglerverband Niedersachsen e.V.), Florian Möllers (Anglerverband Niedersachsen e.V.)
Title:	Evidence for Participatory Community Conservation Approaches in Nepal	Forseeing the Potential for Conflict by Understanding Determinants of Utility and Satisfaction of Recreational Anglers - a Meta-Analytical Approach
Authors:	<u>Silvia Schroetter</u> (Norwegian University of Life Sciences)	<u>Len Hunt</u> (Ontario Mininstry of Natural Resources), Robert Arlinghaus (Humboldt Universität Berlin)

	M-C1 continued	M-C2 continued
Title:	Hunters, Hunting and Wildlife Conser- vation Organized Session	Social Change and the Future of Carni- vore Conservation Organized Session
Venue:	Großer Saal	Marmorsaal
Chair:		
Title:	Specialization, Constraints in Snow Goose Hunting and Harvest	Did We Ask Wolves Whether They Con- sent to Be Managed?
Authors:	<u>Adam Landon</u> (University of Illinois), Craig Miller (University of Illinois)	<u>Guillaume Chapron</u> (Swedish University of Agricultural Sciences), Yaffa Epstein (Uppsala University)
Title:	Waterfowl Hunters Have Imperfect Waterfowl Identification Skills	
Authors:	<u>Adam Ahlers</u> (Kansas State University), Craig Miller (University of Illinois)	
Title:	Social Contracts in Hunting: Path Dependency in a Swedish Context	
Authors:	<u>Katarina Hansson</u> (Department of Political Science, Umeå University)	
Title:	Typology of Activities Among Finnish Grouse Hunting Tourists	
Authors:	<u>Jani Pellikka</u> (Natural Resources Institute Finland), Janne Artell (Natural Resources Institute Finland), Mikko Rautiainen (Metsähallitus), Ahti Putaala (Metsähallitus)	





<u>Oliver Krone</u> (Leibniz Institute for Zoo and Wildlife Research), Rudolf Zieschank (Environmental Policy

Research Centre (FFU), Freie Universität Berlin), Heribert Hofer (Leibniz Institute for Zoo and Wildlife Research)

Authors:

EDUCATION | RESEARCH | OUTREACH | warnercnr.colostate.edu

	PP-1 POSTER AND PASTA
Venue:	Marmorsaal
Title:	Attitudes Towards European Rabbits (Oryctolagus Cuniculus) in Farmland Areas Within Spain Miguel Delibes-Mateos (Instituto de Estudios Sociales Avanzados (IESA-CSIC), et al.
Title:	Disentangling Economic, Cultural and Nutritional Motives Behind West Africa's Hidden Bushmeat Commodity Chain Mona Bachmann (Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany), et al.
Title:	Detection of Tbe-Virus in the European Hedgehog Katja Schönbächler (University of Zurich, Vetsuisse Faculty); et al.
Title:	Influence of Social Media on Human-Carnivore Conflict in Namibia Ingrid Wiesel (Brown Hyena Research Project), et al.
Title:	Contributions of Social Science Research to Conservation Conflict Management: The Case of the Eel Fishing in Southern Spain <i>Fernando E. Garrido (Instituto de Estudios Sociales Avanzados (IESA-CSIC); et al.</i>
Title:	Assessing Public Attitudes Towards Bears and Their Management Haley Netherton (University of Wisconsin-Stevens Point), et al.
Title:	Are Carnivores Driving Farm Succession Failure in Norway? Alexander Zahl-Thanem (Institute of Rural and Regional Research, Ruralis), et al.
Title:	Assessment of the Movement of the Invasive Alien Turtle Species in Local Ecosystems in Poland Using Telemetric Studies Anna Ziętek-Barszcz (Department of Epidemiology and Risk Assessment , National Veterinary Research Institute), et al.
Title:	Two Decades of European Hare (Lepus Europaeus) Census Johanna Maria Arnold (Wildlife Research Unit of Baden-Württemberg), et al.
Title:	Volunteers Promote Wolf and Livestock Coexistence Torsten Richter (Hildesheim University), et al.
Title:	Producing a New 'Wild': The Socio-Political Dimensions of Rewilding in the Scottish Highlands <i>Thomas Fry (University College London)</i>

Poster Session 19:00 - 21:00 PP-1 POSTER AND PASTA

Venue:	Marmorsaal
Title:	Quantifying Socio-Economic and Biological Services of African Vultures Fran Fitzpatrick (The Value of Vultures), et al.
Title:	Developing Wildlife Management Strategies for Urban Areas Geva Peerenboom (Wildlife Ecology and Managment, Faculty of Environment and Natural Resources, University of Freiburg), et al.
Title:	Limitations of Current Policy in Spanish Hunting for the Conservation of European- Turtle Dove Lara Moreno-Zárate (Institute for Game and Wildlife Research (IREC-UCLM-CSIC), et al.
Title:	Health Status and Condition of Invasive Alien Turtles Captured in Eastern Poland Nadia Chlebicka (Epicrates Foundation), et al.
Title:	Citizen science: Wolf monitoring involving volunteers provides important results Peter Schuette (Wolf advisor, Lower Saxony), et al.
Title:	What Is Wild? Narratives in Conservation Policy Agata Pietrzyk-Kaszynska (Institute of Nature Conservation Polish Academy of Sciences), et al.
Title:	Magazine Coverage of Wolves in Germany Maud Vogel (Leuphana University of Lüneburg), et al.
Title:	Quantifying Human-Wildlife Conflicts: Reconstructing the Fate of a Reintroduced Lynx Population in Central Europe to Estimate Mortality Stephanie Kramer (Leibniz Institute for Zoo and Wildlife Research), et al.
Title:	Veterinary Work in a Seal Rehabilitation Centre: Motherless Pups, Lungworms and Other Diseases in Seals Janine Bahr- van Gemmert (Robbenzentrum Foehr Tierhuus Insel Foehr E.V.)
Title:	Wolf Recolonization and Livestock Depredation in Brandenburg, Germany Elena Wenz (Leibniz Centre for Agricultural Landscape Research (ZALF), et al.
Title:	EU Platform on Coexistence Between People and Large Carnivores Katharina Brandt (Adelphi and Callisto)

Tuesday September 18th

	T-E1	T-E2
Title:	Tourism and Recreation 'B'	Aquatic and Marine Conservation
Venue:	Mönchehaus	Turmsaal
Chair:	Mr. Nathan Price	Ms. Hannah Harrison
Title:	Explaining the Acceptance of Limita- tions to Ski Touring	Water Allocation: Segmenting Public Beliefs toward Water Conservation
Authors:	<u>Léna Gruas</u> (Université Savoie Mont-Blanc), Clémence Perrin-Malterre (Université Savoie Mont-Blanc), Alexandra De Oliveira (ASTER), Anne Loison (Université Savoie Mont-Blanc)	<u>Randy Burtz</u> (Western Washington University), Alan Bright (Colorado State University)
Title:	Transitions Among Sportsperson Permit Holders and the Influence of Cross-Buying Behavior	To Comply or Not to Comply? Recrea- tional Boaters' Compliance with Right Whales' Regulations in the Southeastern US
Authors:	Christopher Chizinski (University of Nebraska - Lincoln), Nat Price (University of Nebraska-Lincoln), Matthew Hinrichs (University of Nebraska-Lincoln), Joseph Fontaine (U.S. Geological Survey-Nebraska Cooperative Fish and Wildlife Research Unit), Kevin Pope (U.S. Geological Survey-Nebraska Cooperative Fish and Wildlife Research Unit)	<u>Nancy Montes</u> (University of Florida), Robert Swett (University of Florida), Susan Jacobson (University of Florida), Charles Sidman (Florida Sea Grant)
Title:	Sportsperson's Motivations and Their Barriers Toward Waterfowl Hunting	Mother Pub Bond of Harbour and Grey Seals and the Difference of European Seal Rehabilitation. And Different Rea- sons, that Caused Problems in the Seal Population
Authors:	<u>Matthew Hinrichs</u> (University of Nebraska-Lincoln), Katherine Graham (University of Nebraska - Lincoln), Christopher Chizinski (University of Nebraska - Lincoln), Mark Vrtiska (Nebraska Game and Parks Commission)	<u>Janine Bahr- van Gemmert</u> (Robbenzentrum Foehr), André Van Gemmert (Robbenzentrum Foehr Tierhuus Insel Foehr E.V.)
Title:		Climate Change Responses of Mediter- ranean Fishes: Fishers' Knowledge
Authors:		<u>Valerio Sbragaglia</u> (ISPRA, Institute for Environmental Protection and Research), Ernesto Azzurro (ISPRA, Institute for Environmental Protection and Research), Aleksandar Joksimović (Institute of Marine Biology), Jerina Kolitari (Aquaculture and Fishery Laboratory Durres, Agricultural University Tirana, Durres), et al. (Collaboration)

Sess

Session T-E 09:30 - 11:00

	T-E3	T-E3
Title:	Citizen Science	Views of Wildlife, Landowners and Public
Venue:	Barbarasaal	Marmorsaal
Chair:	Dr. Joanna Tusznio	Ms. Sabrina Dressel
Title:	European Wildcat Protection - Con- necting Habitats and People	Human-Carnivore Coexistence in Cul- tural Landscapes
Authors:	<u>Friederike Scholz</u> (BUND Bundesverband/ Friends of the Earth Germany), Andrea Andersen (BUND Bundesverband/ Friends of the Earth Germany), Thomas Mölich (BUND Thüringen, Wildkatzendorf Hütscheroda), Nicola Moczek (PSY:PLAN GbR, Institut für Architektur- und Umweltpsychologie), et al. (Collaboration)	I <u>ne Dorresteijn</u> (Copernicus Institute of Sustainable Development, Utrecht University), Jan Hanspach (Leuphana University), Joern Fischer (Leuphana University)
Title:	Long-Term Engagement for Citizen Science and Conservation: Bird Counters in the Wadden Sea	Social Aspects of Managing Free-Ranging Bison in Poland
Authors:	<u>Gregor Scheiffarth</u> (Lower Saxon Wadden Sea National Park Authority), Jürgen Rahmel (Lower Saxon Wadden Sea National Park Authority), Peter Südbeck (Lower Saxon Wadden Sea National Park Authority)	Joanna Tusznio (Jagiellonian University, Institute of Environmental Sciences), Aniela Skałkowska (Jagiellonian University, Institute of Environmental Sciences), Małgorzata Grodzińska-Jurczak (Jagiellonian University, Institute of Environmental Sciences), Mariusz Boćkowski (Jagiellonian University, Institute of Environmental Sciences)
Title:	Hunter-Perceived Wolf-Lynx-Deer Interactions in Lower Saxony	View of Wildlife Influences Landscape Conservation Actions
Authors:	<u>Friederike</u> <u>Cecchini</u> (Tierärztliche Hochschule Hannover, Institut für terrestrische und aquatische Wildtierforschung (Veterinary University of Hannover, Wildlife Research)), Reinhild Gräber (Tierärztliche Hochschule Hannover, Institut für terrestrische und aquatische Wildtierforschung (Veterinary University of Hannover,), Katrin Ronnenberg (Johann Heinrich von Thünen-Institut), Niko Balkenhol (Georg-August- Universität Göttingen), et al. (Collaboration)	<u>Frank S. Jensen</u> (University of Copenhagen), Jens Friis Lund (University of Copenhagen), Christian Gamborg (University of Copenhagen)
Title:		Stakeholder Attitudes Towards and Wild- life Acceptance Capacity for Elk (Cervus elaphus) in Kansas, U.S.A.
Authors:		<u>Karl Noren</u> (Kansas State University), Ryan Sharp (Kansas State University), Drew Ricketts (Kansas State University), Jeffrey Skibins (East Carolina University)

Tuesday September 18th

	T-F1	T-F2
Title:	Wildlife Value Orientations	Wildlife Management and Policy 'A'
Venue:	Marmorsaal	Turmsaal
Chair:	Prof. Maria Johansson	Claire Nitsche
Title:	Linking Value Orientations, Acceptance Capacity and Management	Conflicts in Wild Boar Management in the UK
Authors:	<u>Stefan Ehrhart</u> (Forest Research Institute Baden- Wuerttemberg, Department of Forest and Society), Ulrich Schraml (Forest Research Institute Baden- Wuerttemberg, Department of Forest and Society)	<u>Ben Klinkenberg</u> (Oxford Brookes University)
Title:	Public Acceptance of Wildlife Manage- ment Interventions in Malaysia	Knowledge in Adaptive Co-Management of White-Tailed Eagle Conflict
Authors:	Zulkhairi Azizi Zainal Abidin (Wageningen University & Research), Maarten Jacobs (Wageningen University Research)	<u>Petra Lackova</u> (University of Aberdeen), Steve Redpath (University of Aberdeen), Antonia Eastwood (The James Hutton Institute), Justin Irvine (The James Hutton Insti- tute), et al. (Collaboration)
Title:	A Cross-Cultural Comparison of Wild- life Value Orientations	Accounting for Heterogeneous Angler Be- haviours in Integrated Fish-Angler Simulation Models Designed to Analyse the Social-Ecolog- ical Outcomes of Management Interventions
Authors:	<u>Maarten Jacobs</u> (Wageningen University), Sara Dubois (University of British Columbia), Tetsuro Hosaka (Hiroshima University), Vukan Lavadinović (University of Belgrade), Kelly Miller, et al. (Collaboration)	<u>Robert Arlinghaus</u> (Humboldt Universität Berlin), Shuich Matsumura (Gifu University), Fiona Johnston (Leibniz- Institute of Freshwater Ecology and Inland Fisheries), Ben Beardmore (Wisconsin Department of Natural Resources)
Title:	Hunters on the fringe	Wild Minds Seeking Cohabitation
Authors:	<u>Wesley White</u> (Colorado State University), Michael Manfredo (Colorado State University)	<u>Susan Boonman-Berson</u> (Wageningen University & Research)
Title:	Are Carnivores Considered Equal by Romanian Hunters?	Managing Human-Deer Conflicts: Ethical Dilemmas of Non-Lethal Control
Authors:	Jacqueline Butler (Memorial University of Newfoundland), Alistair Bath (Memorial University of Newfoundland), Ovidiu Ionescu (Transilvania University), Marie Louise Aastrup (Memorial University of Newfoundland)	<u>Christian Gamborg</u> (University of Copenhagen), Peter Sandøe (University of Copenhagen), Clare Palmer (Texas A&M University)
Title:		Wildlife Management Based on Science, Monitoring and Participation
Authors:		Janosch Arnold (Wildlife Research Unit of Baden-Württemberg, LAZBW, Atzenberger Weg 99, 88326 Aulendorf), Johanna Maria Arnold (Wildlife Research Unit of Baden-Württemberg, LAZBW, Atzenberger Weg 99, 88326 Aulendorf), Sabrina Streit (Forest Research Institute of Baden-Württemberg, department of wildlife ecology, Wonnhaldestr.4, 79100 Freiburg), Rud, Suchant (Forest Research Institute of Baden-Württemberg, department of wildlife ecology, Wonnhaldestr.4, 79100 Freiburg)

Session T-F 13:00 - 15:00 T-F3 T-F4 Wolf Management, Livelihoods and HWC 'A' Monitoring and Conflict 'A' Großer Saal Barbarasaal Dr. Krzysztof Niedzialkowski Dr. Katrina Rønningen **Cognitive and Affective Predictors of Evaluation of Macague Management Risks from Wolves Policy in Japan** Daisuke Nakamura (National agriculture and food research Adam Landon (University of Illinois), Craig Miller organization, Central Region Agricultural Research Center), (University of Illinois), Jerry Vaske (Colorado State Masaaki Takiquchi (Japan Wildlife Research Center), University), Maarten Jacobs (Wageningen University Kanako Mitsuoka (Japan Wildlife Research Center), Research), Brent Williams (University of Illinois) Tomonori Kawamoto (Japan Wildlife Research Center), et al. (Collaboration) Why have the Wolves Migrated to Ger-The Condition of a Community and Effecmany? Socio-Political Transformations tive Crop Damage Management: A Mail Surand Wolf Politics in Poland vey of Farmers in Chiba Prefecture, Japan

Title:

Venue:

Chair:

Title:

Authors:

Title:

Authors:	<u>Krzysztof Niedziałkowski</u> (Institute of Philosophy and Sociology, Polish Academy of Sciences)	<u>Eri Kato</u> (Chiba University), Daisuke Nakamura (Nationa agriculture and food research organization, Central Regior Agricultural Research Center)
Title:	Attitudes Towards Wolves Under Different Governance Systems	Threat to Red Capped Mangabey in Southwest Nigeria
Authors:	<u>Agnese Marino</u> (Institute of Zoology and University College London), Juan Carlos Blanco (Fundación Oso Pardo), Sarah Durant (Institute of Zoology), Katherine Homewood (University College London), José Vicente López-Bao (Oviedo University)	<u>Jacob Oluwafemi Orimaye</u> (Ekiti State University, Ado-Ekiti) Babafemi Ogunjemite (Federal University of Technology, Akure) Ebenezer Abayomi Agbelusi (Federal University of Technology Akure), Victor Abiodun OJO (University of Maiduguri)
Title:	Stakeholder Characterization in a Human-Carnivore Context	
Authors:	Katharina Janja Sevecke (Leuphana University of Lüneburg), Berta Martín-López (Leuphana University of Lüneburg)	
Title:	Wolves in Washington: Insights for Rewilding in Europe	
Authors:	Erancine Madden (Center for Conservation Peacebuilding)	
Title:	Information Shapes Attitudes and Mat- ters for Human-Carnivore Coexistece	
Authors:	<u>Ugo Arbieu</u> (Senckenberg Biodiversity and Climate Research Centre), Marion Mehring (Institute for Social- Ecological Research), Nils Bunnefeld (University of Stirling), Petra Kaczensky (Norwegian Institute for Nature Research), et al. (Collaboration)	



Tuesday September 18th

	T-G1	T-G2
Title:	Refocusing the Concept of Wildlife Value Orientations Organized Session	Hunting in Late Modernity Organized Session
Venue:	Großer Saal	Marmorsaal
Chair:	Prof. Michael Manfredo	Dr. Ketil Skogen
Title:	Refocusing the Concept of Wildlife Value Orientations	Hunting in Late Modernity
Authors:	<u>Michael Manfredo</u> (Colorado State University), Andrew Don Carlos (Colorado State University), Leeann Sullivan (Colorado State University), Jeremy Bruskotter (Ohio State University), Alia Dietsch (Ohio State University), David Fulton (University of Minnesota)	<u>Ketil Skogen</u> (Norwegian Institute for Nature Research), Erica von Essen (Swedish University of Agricultural Sciences)
Title:	A Dynamic View of Wildlife Value Orientations	Hunting Communities of Practice: What do Hunter Types Mean?
Authors:	<u>Alia Dietsch</u> (Ohio State University)	<u>Erica von Essen</u> (Swedish University of Agricultural Sciences)
Title:	Anthropomorphism and Mutualist Wildlife Value Orientations: Conceptual refinements	Changing Land Governance in Scotland - Game Management Between Adaptation and Resistance
Authors:	<u>Andrew Don Carlos</u> (Colorado State University), Michael Manfredo (Colorado State University), Esmeralda G. Urquiza-haas (University of Vienna), Jeremy Bruskotter (Ohio State University), Alia Dietsch (Ohio State University)	<u>Anke Fischer</u> (James Hutton Institute), Antonia Eastwood (James Hutton Institute), Liz Dinnie (James Hutton Institute)
Title:	A Multilevel View of Fish and Wildlife Agency Governance	Hunting as Defiant Subculture
Authors:	<u>Leeann Sullivan</u> (Colorado State University), Michael Manfredo (Colorado State University), Tara Teel (Colorado State University), Andrew Don Carlos (Colorado State University)	<u>Ketil Skogen</u> (Norwegian Institute for Nature Research), Olve Krange (Norwegian Institute for Nature Research)
Title:	Integrating Values and Identity to Un- derstand Conservation Conflicts	It's a Class-War, Nothing Else – The game- keepers' Response to the Changing Perception of the Driven Grouse Shooting Industry in Scottish Modern Society
Authors:	<u>Jeremy Bruskotter</u> (Ohio State University), Alia Dietsch (Ohio State University), Michael Manfredo (Colorado State University)	Isla Hodgson (University of Aberdeen), Steve Redpath (University of Aberdeen), Anke Fischer (James Hutton Institute), et al. (Collaboration)
Title:	Application of Tightness – Looseness to Un- derstanding Cultural Differences in Values and Preferences for Wildlife Management	Hunting for the 'Good' Hunt – Alignment of Recreational Hunting with Ethics
Authors:	<u>Alan Bright</u> (Colorado State University)	<u>Christian Gamborg</u> (University of Copenhagen), Peter Sandøe (University of Copenhagen), Frank S. Jensen (Uni- versity of Copenhagen)
Title:	Managerial Implications of the Endur- ing WVO Concept	
Authors:	<u>David Fulton</u> (University of Minnesota), Lou Cornicelli (Minnesota Department of Natural Resources)	

T-G3 Title: Livelihoods and HWC 'B' Venue: Barbarasaal Prof. Ulrike Pröbstl-Haider Chair: Title: **Fishing Villages Fearing Seals** <u>Åsa Waldo</u> (Lund University), Maria Johansson (Lund Authors: University) **Cattle Selectivity and Mitigation of** Title: Human-Leopard (Panthera Pardus) **Conflicts Over Depredation** Igor Khorozyan (Georg-August-Universität Göttingen), Siavash Ghoddousi (APM Co.), Mobin Soufi (Gorgan Authors: University of Agricultural Sciences and Natural Resources), Mahmood Soofi (Georg-August-Universität Göttingen), Matthias Waltert (Georg-August-Universität Göttingen) Human Dimensions in Mitigating Title: **Elephant Crop Raiding in Bia Conserva**tion Area, Ghana Emmanuel Danguah (Department of Wildlife and Range Management, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana), Evans Ewald Nkrumah Authors: (Department of Wildlife and Range Management, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana) Farmers' Beliefs, Understanding Title: Livestock-Wildlife Conflict in the Andes Mountain Solange Vargas (Universidad de La Serena), Pablo Authors: Castro (Universidad de La Serena)

Session T-G 15:30 - 17:30

	EU-Large Carnviore Workshop	
Time:	13:00 - 17.30	
Venue:	Mönchehaus	
	Workshop organised by the EU Platform on Coexistence between People and Large Carnivores : Supporting the coexistence through EU Rural Development funding hosted by the Platform members: WWF and European Landowners Organization (ELO)	

Wednesday September 19th

	W-H1	W-H2
Title:	Stakeholder Conflict 'A'	Wildlife Management and Policy 'A'
Venue:	Barbarasaal	Turmsaal
Chair:	Dr. Torsten Richter	Dr. Adam Landon
Title:	Conflicts Between Horse Owners and Wolves in Lower Saxony, Germany	Mapping the Conflict of Raptor Conser- vation and Recreational Shooting in the Batumi Bottleneck, Republic of Georgia
Authors:	<u>Torsten Richter</u> (Hildesheim University), Carolin Grönemann (Ministry of the Environment of Lower Saxony)	<u>Anna Sandor</u> (Central European University), Brandon Anthony (Central European University)
Title:	Meeting Your New Neighbors: Chal- lenges in Carnivore Conservation	Ethno-Geographical Relation to Wild- life Crime in Nepal: Analysis of Case Reported in National Print Media
Authors:	<u>Claudia Gruenewald</u> (NABU)	Ganesh Puri (Department of Forest Nepal)
Title:	Why Participate? Stakeholder Perspec- tives and Interpretations	Applying the Positive Deviance Approach to Conservation Management
Authors:	<u>Annelie Sjölander Lindqvist</u> (Gothenburg Research Institute (GRI) University of Gothenburg), Juliana Bennett (Institution for Global Studies, University of Gothenburg)	<u>Stefanie Heinicke</u> (Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany;German Centre for Integrative Biodiversity Research (iDiv) Halle-Leipzig-Jena, Leipzig, Germany), Roger Mundry (Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany), Christophe Boesch (Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany; Wild Chimpanzee Foundation (West Africa Representation), Abidjan, Côte d'Ivoire), Bala Amarasekaran (Tacugama Chimpanzee Sanctuary, Freetown, Sierra Leone), et al. (Collaboration)
Title:	Rise and Fall: 12 Years Experiences from Co-Management of Large Carni- vores in Germany	Amur Tiger Conservation Practices on the Russian Far East: Cooperation of Government Agencies and Civil Society Organizations
Authors:	<u>Ulrich Schraml</u> (Forest Research Institute Baden- Wuerttemberg, Department of Forest and Society), Johannes Erretkamps (Forest Reserach Institute Baden- Wuerttemberg)	<u>Natalia Pervushina</u> (Central European University Buda- pest)
Title:	Potential for Conflict in Carnivore Management and Conservation	Using Q-Methodology for Understanding Conservation Conflicts: Common Voles in Spanish Farmlands
Authors:	<u>Ann Eklund</u> (Swedish University of Agricultural Sciences), Jens Frank (Swedish University of Agricultural Sciences), Anders Flykt (Mid Sweden University), Maria Johansson (Lund University)	<u>Valentin Lauret</u> (Ecole Normale Supérieure de Lyon), Miguel Delibes-Mateos (Instituto de Estudios Sociales Avanzados (IESA-CSIC)), François Mougeot (Instituto de Investigación en Recursos Cinegéticos (IREC; CSIC-UCLM- JCCM)), Beatriz Arroyo (Instituto de Investigación en Recursos Cinegéticos (IREC; CSIC-UCLM-JCCM))



	W-H3	W-H4
Title:	Wolf Management, Monitoring and Conflict 'B'	Large Carnivores: Local Dimensions, Management Solutions and Dilemmas Organized Session
Venue:	Marmorsaal	Großer Saal
Chair:	Dr. Tanja Straka	Dr. Katrina Ronningen
Title:	Returning Wolves in the European Alps. A Threat for Outdoor Recreation and Tourism?	Large Carnivores: Local Dimensions, Management Solutions and Dilemmas
Authors:	<u>Ulrike Pröbstl-Haider</u> (University of Natural Resources and Life Sciences, Vienna), Anne Schlegel (University of Natural Resources and Life Sciences, Vienna), Claudia Hödl (University of Natural Resources and Life Sciences, Vienna), Nina Mostegl (University of Natural Resources and Life Sciences, Vienna)	<u>Katrina Rønningen</u> (Institute of Rural and Regional Research, Ruralis), Camilla Sandstrom (Department of Political Science, Umeå University), Annelie Sjölander Lindqvist (Gothenburg Research Institute (GRI) University of Gothenburg), Marit S. Haugen (Institute of Rural and Regional Research, Ruralis), Camilla Risvoll (Nordland Research Institute), et al. (Collaboration)
Title:	Interaction Between Forest Manage- ment and Wolf Conservation	Impact of Large Carnivores on Norwe- gian Grazing Industry
Authors:	<u>Gundega Done</u> (Latvian State Forest Research Institute "Silava"; Latvia University of Life Sciences and Technologies), Guna Bagrade (Latvian State Forest Research Institute "Silava"), Mārtiņš Lūkins (Latvian State Forest Research Institute "Silava"), Aivars Ornicans (Latvian State Forest Research Institute "Silava"), et al. (Collaboration)	<u>Inger Hansen</u> (Norwegian Institute of Bioeconomy), Geir- Harald Strand (Norwegian Institute of Bioeconomy)
Title:	Involving Affected Interest Groups in Wolf Monitoring	The Complex Relationship Between Lev- els of Management in Swedish Predator Management
Authors:	Lisa Leschinski (Landesjägerschaft Niedersachsen e.V. (Hunting Association of Lower Saxony)), Raoul Reding (Landesjägerschaft Niedersachsen e.V. (Hunting Association of Lower Saxony))	<u>Serena Cinque</u> (Institution for Global Studies, University of Gothenburg), Annelie Sjölander Lindqvist (Gothenburg Research Institute (GRI) University of Gothenburg)
Title:	Managing European Wolves – Views of Future Decision Makers	The Experiences and Adaptations of Sheep Farmers to Large Carnivores in their Backyard
Authors:	Tanja Straka (University of Melbourne, current address: Leibniz Institute for Zoo and Wildlife Research, Berlin, Ger- many), Maarten Jacobs (Wageningen University Research), et al. (Collaboration)	<u>Marit S. Haugen</u> (Institute of Rural and Regional Research, Ruralis), Katrina Rønningen (Institute of Rural and Regional Research, Ruralis)
Title:	Feeding Ecology of Wolves (Canis lupus) in Lower Saxony, Germany	Flexibility in Reindeer Husbandry to Car- nivore Governance in Nordland, Northern Norway
Authors:	Charlotte Steinberg (Foundation University of Hildesheim) / (Foundation Veterinary University of Hannover) / (Hunting Association of Lower Saxony)), Raoul Reding (Hunting Association of Lower Saxony), Reinhild Gräber (Foundation Veterinary University of Hannover, Wildlife Research), Torsten Richter (Universität Hildesheim (University of Hildesheim)), et al. (Collaboration)	<u>Camilla Risvoll</u> (Nordland Research Institute), Camilla Sandstrom (Department of Political Science, Umeå University)

Wednesday September 19th



Session W-I 14:00 - 15:30

	W-H3 continued	W-H4 continued
Title:	Where Wolves Are Few and Human Densities Low: Challenges in Conser- vation of Wolf Populations in Northern Europe	Collective Psychological Ownership in Large Carnivore Conflicts
Authors:	Il <u>po Kojola</u> (Natural Resources Institute Finland)	<u>Mari Pohja-Mykrä</u> (University of Helsinki Ruralia Institute), Sakari Mykrä (Metsähallitus Parks and Wildlife Finland), Anne Matilainen (University of Helsinki Ruralia Institute), Merja Lähdesmäki (University of Helsinki Ruralia Institute)
Title:		How Do Local Conflicts Relate to Place, Identity and Power Relations?
Authors:		<u>Annelie Sjölander Lindqvist</u> (Gothenburg Research Insti- tute (GRI) University of Gothenburg)
	W-I1	W-I2
Title:	Stakeholder Conflict 'B'	Stakeholders and Conservation 'B'
Venue:	Turmsaal	Marmorsaal
Chair:	Dr. Ravindra Jaybhaye	Ms. Isla Hodgson
Title:	Stakeholders Acceptance for Wild Boar in Flanders (Belgium)	White-Throated Monkey Perceptions Around Okomu National Park
Authors:	<u>Jim Casaer</u> (Research Institute for Nature and Forest), Caroline Geeraerts (Research Institute for Nature and Forest), Paul Quataert (Research Institute for Nature and Forest), Pieter Verschelde (Research Institute for Nature and Forest), et al. (Collaboration)	<u>Victor Abiodun OJO</u> (University of Maiduguri), Ibukunoluwa Augustine Ayodele (University of Ibadan), Babafemi Ogunjemite (Federal University of Technology, Akure), Jacob Oluwafemi Orimaye (Ekiti State University, Ado-Ekiti)
Title:	Fencing for Conservation: Wildlife,	Seeking Collaboration in Wind Energy
Authors:	Communities, and Forests in Kenya Margit Bertalan (University of North Carolina-Chapel Hill)	and Wildlife Conservation Juliane Biehl (TU Berlin, Environmental Assessment & Planning Research Group), Johann Köppel (TU Berlin, Environmental As- sessment & Planning Research Group)
Title:	Dialogue and Conflict in Predators- Reindeer Management	Natura 2000 Network in Poland - a Bar- rier or a Benefit for Conservation Needs?
Authors:	Lars Hallgren (Department of Urban and Rural Development, Swedish University of Agricultural Sciences), Lotten Westberg (Department of Urban and Rural Development, Swedish University of Agricultural Sciences), Hanna Bergeå (Department of Urban and Rural Development, Swedish University of Agricultural Sciences)	<u>Małgorzata Grodzińska-Jurczak</u> (Jagiellonian University, Institute of Environmental Sciences), Joanna Tusznio (Jagiellonian University, Institute of Environmental Sciences), Marcin Rechciński (Jagiellonian University, Institute of Environmental Sciences)
Title:	When Conservation Interests of Carni- vore and Prey Collide	Management of Large Carnivores in Norway: Legal Framework, Population Goals, Carnivore Management Zones and Culling
Authors:	<u>Sakari Mykrä</u> (Metsähallitus Parks and Wildlife Finland)	Torbjørn Lange (Ministry of Climate and Environment)

	W-13	W-14
Title:	Lynx, Barkbeetle and Forest Dynamics: Five Years of Visitor Perceptions on Harz National Park Conservation Objectives Organized Session	Stakeholder Engagement
Venue:	Mönchehaus	Barbarasaal
Chair:	Dr. Eick von Ruschkowski	Dr. Rehema White
Title:	Lynx, Barkbeetle and Forest Dynam- ics: Five Years of Visitor Perceptions on Harz National Park Conservation Objectives	Social Barriers to a Fish Habitat Conservation Project in Turkey
Authors:	Eick von Ruschkowski (Pathways), Arne Arnberger (Institute of Landscape Development, Recreation and Conservation Planning, University of Natural Resources and Life Sciences, Vienna), Robert Burns (West Virginia University), Thomas Fish (U.S. Department of the Interior, National Park Service)	<u>Nedim Kemer</u> (Kirikkale University)
Title:	Visual Impacts of Bark-Beetle Infested Forests on Recreation	Prioritising Stakeholder Engagement for Forest Conservation During Austerity
Authors:	<u>Arne Arnberger</u> (Institute of Landscape Development, Recreation and Conservation Planning, University of Natural Resources and Life Sciences, Vienna), Ingrid Schneider (University of Minnesota), Stuart Cottrell (Hu- man Dimensions of Natural Resources, Colorado State University), Eick von Ruschkowski (Alfred Toepfer Akad- emie für Naturschutz), et al. (Collaboration)	<u>Rehema White</u> (University of St Andrews), Juliette Young (Centre for Ecology and Hydrology), Mariella Marzano (Forest Research), Sharon Leahy (University of St Andrews)
Title:	Differences in the Support of Eurasian Lynx Reintroduction in Lower Saxony Between Non-Hunters and the Hunting Community	Stakeholder Reaction to a Proposed Pine Marten Reintroduction
Authors:	<u>Eick von Ruschkowski</u> (Pathways)	<u>Mike Dunn</u> (Forest Research), Bianca Ambrose-Oji (Forest Research), Andrew Stringer (Gloucestershire Wildlife Trust)
	W	/-15
Title:	Of Wolves and Sheep: Approaches for M	itigating Carnivore-Livestock Conflicts
Venue:	Großer Saal	
	Organized by: LIFE EuroLargeCarnivores	project and Agridea Switzerland
	Swiss livestock quardian dogs, Daniela Hilfiker, (AGRIDEA), Effectiveness of Fences as Livestock Protection, Klara	



Swiss livestock guardian dogs, Daniela Hilfiker, (AGRIDEA), Effectiveness of Fences as Livestock Protection, Klara Hansen (AGRIDEA) Civilian service as support in livestock damage prevention, Andreas Schiess (AGRIDEA) The Carpathian Shepherd Dog as an efficient solution for livestock guarding, Radu Popa (Zarand Association), Vasile Iclenzan (Club Carpatin Romania)

Wednesday September 19th

	W-J1	W-J2
Title:	Human-wildlife conflicts around the globe	Wildlife Management and Policy 'B'
Venue:	Marmorsaal	Barbarasaal
Chair:		Dr. Björn Schulz
Title:	Human-Carnivore Conflict: Using Tradi- tion and Innovation to Co-exist Margaret Kinnaird (Practice Leader, Wildlife, WWF International)	Pathway to Success: The Oberallgäu Way
Authors:	<u>Margaret Kinnaird</u> (Practice Leader, Wildlife, WWF International)	<u>Andreas König</u> (Technical University of Munich), Sarah- Alica Dahl (Technical University of Munich)
Title:	Media's soft SPOT for leopards of Mumbai - When sensitised media leads the way for sensible reporting	(Re)Creating Identities, Place and Time Through Fishing Laws
Authors:	<u>Virat A Singh</u> , Special Correspondent, Daily News and Analysis (DNA), David Scallan Moderation:Sanaz Saleh-Ebrahimi	<u>Carla Mouro</u> (Instituto Universitário de Lisboa ISCTE-IUL), Paula Castro (Instituto Universitário de Lisboa ISCTE-IUL), Sandra Jovchelovitch (London School of Economics), John Dixon (Open University)
Title:	Panel Discussion: Solutions to human- wildlife conflicts in Europe – What lessons can we learn from other parts of the world?	Adaptive Capacity Within a Multi-Level Governance System
Title: Authors:	wildlife conflicts in Europe – What lessons can we learn from other parts	
	wildlife conflicts in Europe – What lessons can we learn from other parts of the world? Alexandra Zimmermann, Margaret Kinnaird, Virat Singh,	Governance System <u>Sabrina Dressel</u> (Swedish University of Agricultural
Authors:	wildlife conflicts in Europe – What lessons can we learn from other parts of the world? Alexandra Zimmermann, Margaret Kinnaird, Virat Singh,	Governance System <u>Sabrina Dressel</u> (Swedish University of Agricultural <u>Sciences</u> (SLU)) Promoting Fertility Control to Mitigate
Authors: Title: Authors: Title:	wildlife conflicts in Europe – What lessons can we learn from other parts of the world? Alexandra Zimmermann, Margaret Kinnaird, Virat Singh,	Governance System <u>Sabrina Dressel</u> (Swedish University of Agricultural Sciences (SLU)) Promoting Fertility Control to Mitigate Human- Wildlife Conflicts <u>Stephanie Boyles Griffin</u> (Botstiber Institute for Wildlife Fertility Control), Giovanna Massei (Animal and Plant Health Agency) A Paper Review of Efficacy of Decentralized Wildlife Management Using the Wildlife Management Areas Approach in Tanzania
Authors: Title: Authors:	wildlife conflicts in Europe – What lessons can we learn from other parts of the world? Alexandra Zimmermann, Margaret Kinnaird, Virat Singh,	Governance System <u>Sabrina Dressel</u> (Swedish University of Agricultural <u>Sciences</u> (SLU)) Promoting Fertility Control to Mitigate Human- Wildlife Conflicts <u>Stephanie Boyles Griffin</u> (Botstiber Institute for Wildlife Fertility Control), Giovanna Massei (Animal and Plant Health Agency) A Paper Review of Efficacy of Decentralized Wildlife Management Using the Wildlife Management Areas Approach in Tanzania <u>Rodney Ngalamba</u> (Itigi District Council)
Authors: Title: Authors: Title:	wildlife conflicts in Europe – What lessons can we learn from other parts of the world? Alexandra Zimmermann, Margaret Kinnaird, Virat Singh,	Governance System <u>Sabrina Dressel</u> (Swedish University of Agricultural Sciences (SLU)) Promoting Fertility Control to Mitigate Human- Wildlife Conflicts <u>Stephanie Boyles Griffin</u> (Botstiber Institute for Wildlife Fertility Control), Giovanna Massei (Animal and Plant Health Agency) A Paper Review of Efficacy of Decentralized Wildlife Management Using the Wildlife Management Areas Approach in Tanzania



	W-J3	W-J4
Title:	Ecosystem Services and Human Well-Being	Protected Areas
Venue:	Turmsaal	Mönchehaus
Chair:	Dr. Isabella Uhl-Hädicke	Dr. Jürgen Meyerhof
Title:	Connecting Ecosystem Services to Human & Wildlife Resiliency	Landscape Conservation Initiatives in India: Challenges and Opportunities
Authors:	<u>Deborah January-Bevers</u> (Houston Wilderness), Lindsey Roche (Houston Wilderness), Lauren Harper (Houston Wilderness)	<u>Anil Kumar Bhardwaj</u> (Wildlife Institute of India, Dehradun), Aditi Bhardwaj (Tata Institute of Social Sciences, Mumbai), Ruchi Badola (Wildlife Institute of India, Dehradun)
Title:	Protected Areas for Local Societies Well-Being	Protected Areas and Poverty: Causal Evidence from India
Authors:	<u>Agnieszka Olszanska</u> (Institute of Nature Conservation Polish Academy of Sciences), Agata Pietrzyk-Kaszynska (Institute of Nature Conservation Polish Academy of Sciences), Marcin Rechcinski (Jagiellonian University, Institute of Geography and Spatial Management), Joanna Tusznio (Jagiellonian University, Institute of Environmental Sciences), et al. (Collaboration)	Sneha Thapliyal (Indian Institute of Management Indore)
Title:	First Things First – Empiricism, Ethics, and Conservation Banking	Integrating Conservation and Develop- ment in Western Ghats, India
Authors:	<u>Marie Grimm</u> (TU Berlin, Environmental Assessment & Planning Research Group), Johann Köppel (TU Berlin, Environmental Assessment & Planning Research Group)	<u>Aditi Bhardwaj</u> (Tata Institute of Social Sciences, Mumbai), Ruchi Badola (Wildlife Institute of India, Dehradun), Anil Kumar Bhardwaj (Wildlife Institute of India, Dehradun)
Title:	Undesirable Effects of Threatening Climate Change Information: A Psychological Perspective	Socio-Ecological Predictors of Human- Carnivore Conflict in Tanzania
Authors:	I <u>sabella Uhl-Hädicke</u> (University of Salzburg), Johannes Klackl (University of Salzburg), Eva Jonas (University of Salzburg), Nina Hansen (University of Groningen)	<u>Marion East</u> (Leibniz Institute for Zoo and Wildlife Research), Doreen Mrimi (University of Dodoma), Montan Kalyahe (Leibniz Institute for Zoo and Wildlife Research), Heribert Hofer (Leibniz Institute for Zoo and Wildlife Research), et al. (Collaboration)
Title:	A Paper Review of Charcoal Produc- tion and Use in Tanzania: Implication of Environmental and Health Burdens and Relevant Policy Options	Population Estimates and Pattern of Behavior of Mona Monkeys
Authors:	<u>Rodney Ngalamba</u> (Itigi District Council)	<u>Babafemi Ogunjemite</u> (Federal University of Technology, Akure)

You are all invited to ...



pathwaysconf.org



We would like to thank the following institutions for providing financial support for the conference:









PATHWAYS

human dimensions

Contact: Alfred Toepfer Akademie for Nature Conservation pathways2018@nna.de Colorado State University Claire.Nitsche@colostate.edu WWF Germany Moritz.Klose@wwf.de Leibniz Institute for Zoo and Wildlife Research pruegel@izw-berlin.de

Photos by: Creative commons Puusterke (Hopfensäcke), Creative commons AC Bahn (Schafe), Creative commons CZagatta (Wanderweg), Creative commons Hulik (Luchs),