



The International Association for Bear Research and Management
<https://www.bearbiology.org>

IBA 27th International Bear Conference Session Recordings Content with YouTube Link

Note: In each video description on IBA's YouTube channel, are chapter time stamps if you want to select a particular talk to watch within a session.

Session: Opening Plenary (Live Session) 14 September 2021

Co-Chairs: Joe Clark & Lori Roberts

<https://youtu.be/sWLxIFX0cfU>

1. IBA President John Hechtel Opening Remarks
2. Session Co-chair Joe Clark Introduction
3. Rick Mace: A Brief History of Grizzly Bear Recovery Efforts in The Northern Continental Divide Ecosystem, Montana
4. Hilary Cooley: Grizzly Bear Recovery in Lower-48
5. Wayne Kasworm: Cabinet Mountains Grizzly Bear Augmentation Monitoring
6. Frank T. Van Manen: Yellowstone Grizzly Bear Recovery: Resilience of An Iconic Population
7. Cecily Costello: Human Viewpoints About Grizzly Bear Management in Montana
8. Panel Discussion

Session: Applied Conservation Solutions (Moderated Q & A) 14 September 2021

Chair: Lindsey Mangipane

<https://youtu.be/WMgP3hy6FDk>

1. Abbey Wilson: Development and Validation of Protein Biomarkers of Health in Grizzly Bears
2. Melanie Clapham: BearID: Automated Face Recognition for Individual Identification of Bears
3. Alejandra Zubria Perez: Understanding Bear Movement, Learning, And Memory: An Agent-Based Model Approach
4. Moderated Questions, Answers, and Discussion

Session: Bears of The World - Distribution and Conservation Status (Presentations Only, No Moderated Question And Answers) 14 September 2021

Chair: Rebecca Zug

<https://youtu.be/COgdmm0tKHU>

1. Tania Lewis: Unraveling the Mystery of The Glacier Bear
2. Rebecca Zug: The Role of Private Lands in Andean Bear Conservation in the Southern Sector of Sangay National Park, Ecuador





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3. Nereyda Falconi: Value of Data for Andean Bear Distribution Estimations for Peru 37:26 Emily Puckett, Using Microsatellite Meta-Analysis to Understand Spatial Patterns of Genetic Diversity in Eight Bear Species

Session: Connectivity 1 (Live Session) 15 September 2021

Co-Chairs: Marta De Barba & Michael Proctor

<https://youtu.be/-8jEQpjXEuo>

1. Invited Speaker Gary Tabor: Nature Undivided
2. Michael Proctor: Connectivity Conservation of The World's Bear Species: An Overview
3. Ron Swaisgood: Population Fragmentation Threatens the Recovery Of The Giant Panda
4. Prachi Thatte: Comparing Connectivity Among Sloth Bear Populations from Two Landscapes in India
5. Trishna Dutta: An Objective Approach to Identify Umbrella Species for Connectivity Conservation
6. Marta De Barba: Large-Scale, Trans-Boundary, Cross-Population Collaborative Effort for Brown Bear Connectivity Conservation in Europe
7. Moderated Questions, Answers, And Discussion

Session: Connectivity 2 (Moderated Q & A) 15 September 2021

Chair: Ryan Wilson

<https://youtu.be/Ne2ViQH8GJQ>

1. Ancuta Fedorca: How to Create a Safety Network for Nature: Connectivity Conservation for The Jewel of Europe
2. Alexander Kopatz: Restoration of Transborder Connectivity Between Two Large Brown Bear Populations
3. Brooke Biddlecombe: Effects of Sea Ice Fragmentation on Polar Bear Migratory Movement in Hudson Bay
4. Melanie Boudreau: Characterizing Drivers of Fine-Scale Resource Selection in A Recolonizing Black Bear Population
5. Moderated Questions, Answers, And Discussion

Session: Human-Bear Interactions and Management 1 (Moderated Q & A) 15 September 2021

Chair: Carl Lackey

<https://youtu.be/a1CoyiEb0Ww>





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1. Lana Ciarniello: Exploring Conservation Issues Related to The Effects of Bear Viewing On Bears
2. Lindsey S. Mangipane: Efficacy of Bear Spray as A Deterrent Against Polar Bears
3. Sarah Elmeligi: Grizzly Bear Habitat Selection in Canada's Busiest National Parks
4. Rachel E. Urbanek: Survival of American Black Bears Post Rehabilitation
5. Moderated Questions, Answers, And Discussion

Session: Human-Bear Interactions and Management 2 (Moderated Q & A) 16 September 2021

Chair: Carlos Bautista

https://youtu.be/WYgp_niH88

1. Viorel D. Popescu: Livestock Depredation by Brown Bears in The Romanian Carpathians
2. Paul Fraser: A Survey of Human-Bear Conflict (HBC) Management Techniques by Wildlife Agencies in Canada and The U.S.
3. Joseph M. Northrup: Can Regulated Hunting Reduce Human-Black Bear Interactions
4. Moderated Questions, Answers, And Discussion

Session: Bears of Eurasia (Moderated Q And A) 16 September 2021

Co-Chairs: Lana Ciarniello & Trishna Dutta

<https://youtu.be/aAoImYziWfU>

1. Javier Naves: Bears, Bees and Humans: A Shared Story on the Traditional Apiaries in NW of the Iberian Peninsula
2. Odbayar Tumendemberel: Investigation of Brown Bear Poaching in Mongolia Using Genetic Approaches
3. Battogtokh Nasanbat: Population Size, Movements and Activity Patterns of Brown Bear in Gobi Desert of Mongolia
4. Shagun Thakar: Conservation Status of Himalayan Brown Bear and Asiatic Black Bear in Bhagirathi and Beas River Basins, Western Himalaya, India
5. Moderated Questions, Answers, And Discussion

Session: Human Bear Interactions and Management (Live Session) 16 September 2021

Co-Chairs: Mihai Pop & Lori Roberts

<https://youtu.be/iHOB29ynkVk>

1. Laura Conlee Invited Speaker: History, Restoration, And Management of Black Bear Examples and Considerations for The Future





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2. Heather Johnson Introduction: Individual- And Population-Level Fitness Consequences of Black Bear Use of Residential Development
3. Carmen Julia Quiroga: Prey or Competitor: Exploring the Influence of Cattle Ranching on Andean Bear Occurrence
4. Cody Miller: Human-Bear Conflict in North America: 1880 – 2020
5. Andrea Corradini: Effects of Cumulated Outdoor Activity on Brown Bear (*Ursus Arctos*): A Case Study in The Central Italian Alps
6. Andrea Morehouse: Carnivores and Communities: A Case Study of Human Carnivore Conflict Mitigation in Southwestern Alberta
7. Denisse Mateo Chero: Temporal Interactions Among Andean Bears, Large Mammals, And Humans in SE Peru
8. Robert Marquez: Factors Affecting Human Attitudes Toward Andean Bears
9. Jessica Braunstein: Black Bear Movements and Food-Conditioning Along the Urban-Wildland Interface at Great Smoky Mountains National Park, USA
10. Tom Smith: An Investigation of Factors Influencing Bear Spray Performance
11. Moderated Questions, Answers, And Discussion

Session: Bears in Asia (Live Session) 21 September 2021

Co-Chairs: Sandeep Sharma & Rajan Prasad Paudel

<https://youtu.be/htN3dRpQOr8>

1. Kahoko Tochigi: Temperature Drives Active Pattern and Habitat Selection of Asian Black Bear
2. Svitlana Kudrinko: Human Injuries and Fatalities by Brown Bears in Russia Reveal A Link Between Habitat Degradation And Human-Wildlife Conflict
3. Jamshid Parchizadeh: Brown Bear-Human Encounters in Iran Resulting in Injury or Death
4. Shinsuke Koike: Estimating the Seasonal Energy Balance in Asian Black Bears and Associated Factors
5. Arzoo Malik: Monitoring Sloth Bear Movement Around Water Sources to Assess the Effectiveness of Water Management in Sloth Bear Habitat
6. Amira Sharief: Identifying Himalayan Brown Bear (*Ursus Arctos Isabellinus*) Conservation Areas in Lahaul Valley, Himachal Pradesh.
7. Elizabeth Davis: Is There Internal Demand for Bear Parts in Myanmar? An Exploratory Study in Rakhine State
8. Moderated Questions, Answers, And Discussion





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Session: Ecology and Behaviour – 02 (Presentations Only, No Moderated Question and Answers) 21 September 2021

Co-Chairs: Abbey Wilson & Alexander Kopatz

<https://youtu.be/JChjxmiFC8I>

1. Darcy Doran-Myers: Impacts of Anthropogenic Den Disturbance on Black Bear Movements and Cub Survival
2. Nick Fowler: Denning, Metabolic Suppression, And the Realization of Ecological Opportunities in Ursidae
3. Joy Erlenbach: Declining Salmon Use by The Coastal Brown Bears of Katmai National Park
4. Tony Carnahan: The Use of Triaxial Accelerometers to Identify Grizzly Bear Behavior
5. Cameron McClelland: Variations in Grizzly Bear Habitat Selection in Relation to The Availability of Plant-Food Resources
6. Justin Tiesberg: Trophic Position and Berry Use of Cabinet-Yaak and Selkirk Ecosystem Grizzly Bears (*Ursus Arctos*)
7. Anne Hertel: Beyond Population Means – Individual Behavioral and Dietary Specialization in Scandinavian Brown Bears
8. Aida Parres: Human Disturbance Disrupts Home Range Seasonal Dynamics in Brown Bear

Session: Successes, Failures, And Uncertainties in Bear Conservation (Presentations Only, No Moderated Question And Answers) 22 September 2021

Co-Chairs: Anne Hertel & Michael Proctor

<https://youtu.be/FHaglZC0e3c>

1. Mihai Pop: Are Brown Bear Conservation Projects and National Wildlife Policy in Romania At Odds?
2. Siew Te Wong: Saving Sun Bears: Two Decades of Journey to Conserve The Least Know Bear In Sabah, Malaysia, Borneo

Session: Ex-Situ Conservation (Moderated Q And A) 22 September 2021

Chair: Agnieszka Sergiel

<https://youtu.be/3bT5X99L-LE>

1. Zachary David: Metabolic Rate of Two Co-Existing Ursidae Species: Asiatic Black Bears and Sun Bears
2. Kirsty Officer: Humans as A Disease Risk to Bears





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3. Thea Bechshoft: The Essential Role of Zoos in Supporting Conservation-Relevant Polar Bear Research
4. Moderated Questions, Answers, And Discussion

Session: Population Estimation and Monitoring (Moderated Q And A) 22 September 2021

Chair: Dana Morin

https://youtu.be/-Fbirtl8f_0

1. John Boulanger: Advances in Spatially Explicit Capture-Recapture Study Design for Bears
2. Michelle McLellan: Identifying the Mechanisms of Population Change in Two Threatened Grizzly Populations
3. Karyn Rode: Ecological and Behavioral Responses to Sea Ice Loss in The Chukchi Sea Polar Bear Population
4. Sandeep Sharma: Monitoring Himalayan Brown Bear Population by High-Throughput Noninvasive Genotyping
5. Richard Bischof: Density, Abundance, And Dynamics of The Entire Scandinavian Brown Bear Population
6. Angeliki Savvantoglou: What Can Flies Tell Us About Bears?
7. Moderated Questions, Answers, And Discussion

Session: Bear Ecology and Behavior (Live Session) 23 September 2021

Chair: Frank T. van Manen

<https://youtu.be/qkg09U-W6Us>

1. Jasmine Ware: The Clock Keeps Ticking: Circadian Rhythms of Free-Ranging Polar Bears
2. Jasmine Ware, presenting for Markus Dyck (Polar Bear Biologist For The Government Of Nunavut, Who Died In A Tragic Helicopter Crash In April 2021): Polar Bear Body Condition Improves With Changing Ice Conditions: Boom Before The Bust?
3. Amy Tallian: Sympatric Predators: The Effect of Brown Bears on Wolf Hunting Behavior
4. Jenny Hansen: Does the Social Environment Influence Settlement Decisions in Female Brown Bears?
5. Jon Beckmann: Recolonizing Carnivores: Is Cougar Predation Behaviorally Mediated by Bears?
6. Moderated Questions, Answers, And Discussion

Session: Workshop Integrated Population Monitoring

<https://youtu.be/PdnP8JE0GqA>





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1. Paul Lukacs and Josh Nowak Presentation
2. Moderated Questions, Answers, And Discussion

Session: Media Training Workshop, Communicating Science to The Public 16 September 2021

Chair: Julia Bevins

Moderator: Steve Heibel

<https://youtu.be/Oi-3yCGUXeI>

1. Steve Heibel: Traditional Media and The Conservation Professional
2. Ryan Langan: The Role of Social Media In Conservation
3. Sarah Elmeligi: Bears (And You) In the News

Session: Closing Remarks 23 September 2021

IBA President John Hechtel

<https://youtu.be/aeRxyvmlwVs>

1. IBA Presidents Awards
2. Vic Barnes
3. Jack Lenfler
4. Acknowledgements

