

6th International Human-Bear Conflicts Workshop

October 16 –20, 2022

Lake Tahoe, Nevada



6th IHBCW Draft Agenda

Sunday

Noon **Registration** open noon to 5:00 pm; open daily 7:30 -10:30 am and during breaks

6:30 pm **Welcome Social** in the South Shore Room. Refreshments and entertainment by Tahoe's own local author, historian, forester and storyteller Don Lane.

Monday

8:00 am **Welcome/Housekeeping** Carl Lackey, Nevada Dept. of Wildlife; International Association of Bear Research and Management, Co-chair, Management Committee

Director's Welcome Tony Wasley, Nevada Dept. of Wildlife; President, Association of Fish and Wildlife Agencies

Keynote Speaker Introduction Rich Beausoleil, Washington Dept. of Fish & Wildlife; IUCN Bear Specialist Group - Co-chair, North American Bears Expert Team

Keynote Address The Evolution of Human-Bear Conflicts in North America by Chris Servheen, U.S. Fish & Wildlife Service Grizzly Bear Recovery Coordinator (retired); IUCN Bear Specialist Group - Co-chair, North American Bears Expert Team

The International Human-Bear Conflicts Workshops: A Retrospective by Dick Shideler, Aklaq Services; Alaska Department of Fish and Game (retired)

10:00 am *20-minute Break*

10:20 am **PATHWAYS TO PROGRESS**

1. **The Challenges of Providing Correct, Consistent Bear Safety Messaging** by John Hechtel, President, International Association of Bear Research and Management
2. **Using the Social Science Toolbox to Evaluate Education Strategies for Coexistence** by Ramona Maraj, Parks Canada
3. **What Can \$1 Million Do? Unique Community Grant Opportunity in Colorado** by Kristin Cannon, Colorado Parks and Wildlife
4. **Climate, Conflict and Coexistence: Identifying and Addressing the Drivers of Human-Polar Bear Interaction in Southern Hudson Bay** by Joseph Northrup, Ontario Ministry Natural Resources and Forestry; IUCN Bear Specialist Group – North American Bears Expert Team
5. **Community Outreach and Bear Safety Education Programs as a Tool to Mitigate Human-Sloth Bear Conflicts in Western India** by Nishith Dharaiya, Wildlife and Conservation Biology Research Lab, Department of Life Sciences, Hemchandracharya North Gujarat University, Patan (Gujarat) India

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Noon *Lunch on your own; visit vendors*

1:30 pm **PANEL DISCUSSION How the BearWise® Program Builds Bridges, Promotes Partnerships and Creates Communities** Dan Gibbs, Tennessee Wildlife Resources Agency; Linda Masterson and LaVonne Ewing, The BearWise Program; Bill Stiver, Great Smoky Mountains National Park; Ashley Hobbs, North Carolina Wildlife Resources Commission

3:00 pm *20-minute Break*

3:20 pm **CONNECTING PEOPLE & EMPOWERING COMMUNITIES**

6. **Do Community Groups Have a Role in Reducing Human-Bear Conflict?** by Brenda Lee, Colorado Bear Coalition
7. **Grizzly Bear Coexistence Solutions** by Gillian Sanders, Grizzly Bear Coexistence Solutions
8. **Successes and Challenges of the Mountain View BearSmart Community Program in Alberta: Current and Future Outlook** by Paul Fraser, Barr Engineering and Environmental Science Canada Ltd.; Mountain View BearSmart Society
9. **New Interagency Map Promotes Bear-Human Safety on the Kenai and Russian Rivers, Alaska** by Marion Glaser, AK US Forest Service
10. **Cohabitation in the Arctic: Human-Bear Best Practices in an Alaska Oilfield** by Christina Pohl, ConocoPhillips Alaska, Inc.

5:00 pm *Adjourn*

6:30 pm **Poster Session and Catered Evening Social**

Tuesday

8:00 am Featured Speaker Joe Savikataaq, Jr., Conservation Officer and Mayor of Arviat, Nunavut, Hudson Bay **Balancing the Needs of People and Polar Bears in the Crossroads of the Arctic**

TOOLS & TACTICS

11. **An Analysis of Human-Bear Conflict in North America: 1880 to 2020** by Cody Miller, Brigham Young University
12. **Experimental Test of the Efficacy of Hunting for Controlling Human-Wildlife Conflict** by Joseph Northrup, Ontario Ministry of Natural Resources and Forestry, IUCN Bears Specialist Group – North American Bears Expert Team
13. **Bearenheit 451: Evaluating the Role of Harvest to Stabilize or Reduce Crop Damage Conflicts** by Andrew Tri, Minnesota DNR

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10:00 am *20-minute Break*

10:20 am

14. **A 20-Year Retrospective of Aversive Condition of Grizzly Bears in Kananaskis Country, Alberta, Canada** by John Paczkowski, Alberta Environment and Parks
15. **Human-Bear Conflict Management, Hazing, Aversive Conditioning** by Claire Edwards, University of Alberta
16. **Looking to Visitors and Experts to Inform Management of Roadside Bear Viewing in Peter Lougheed Provincial Park, Alberta** by Annie Pumphrey, University of Northern British Columbia
17. **Benefits of Developing and Implementing an Agency Policy to Manage Human-Bear Conflicts** by Janelle Musser, Tennessee Wildlife Resources Agency
18. **Is a Bite Worse Than a Bark? The Best-Used Method of Karelian Bear Dogs in Hazing of Black Bears in Nevada** by Heather Reich, Nevada Department of Wildlife

Noon *Lunch on your own; visit vendors*

1:30 pm **TOOLS & TACTICS**

19. **Lessons Learned: Thirty Years of Human-Bear Conflict Mitigation** by Jay Honeyman, Alberta Ministry of Environment and Parks (retired)

PANEL DISCUSSION **Overcoming Barriers to Electric Fence use for Mitigating Bear Attractants** Jay Honeyman, Jeff Marley, Margo Supplies; Gillian Sanders, Grizzly Bear Coexistence Solutions; Russ Talmo, Defenders of Wildlife

3:00 pm *20-minute Break*

20. **Follow-Up Evaluation on the Effectiveness of a Large-Scale Effort to Use Bear-Resistant Garbage Cans for Limiting Conflict in Durango, Colorado** by Cassandre Venumière-Lefebvre, Colorado State University
21. **“Fence the Chickens and Lock Up the Trash” Reducing Human-Bear Conflict in Small Bites Through a Conflict Mitigation Loaner Program** by Chiara Feder, Alberta Ministry of Environment and Parks
22. **Human-Bear Conflict “Hot Spots,” Conflict-Reduction Infrastructure Needs and Information, Education and Outreach Mapped in the Bitterroot Valley of Montana** by Jessica Reyes, Wind River Bear Institute
23. **Numerical Model Approaches to Assess and Manage Human Injury Risk by Asiatic Black Bears** by Takashi Machimura, Osaka University, Japan

5:00 pm *Adjourn Evening on Your Own*

Wednesday

8:00 am Featured Speaker Diana Doan-Crider, Director, Animo Partnership in Natural Resources
Conserving Bears Through Local Knowledge: Don't Throw the Baby Out with the Bathwater

PATHWAYS TO COEXISTENCE: UNDERSTANDING PEOPLE

24. **Reducing Livestock-Grizzly Conflict: Uncovering the Symbolic Meanings of Conflict** by Allegra Sundstrom, Idaho State University
25. **Grizzly Bear Impacts on Rural Well-Being in Montana and Idaho** by Morey Burnham, Idaho State University
26. **Advancing Sloth Bear Habitat Management to Mitigate Human-Sloth Bear Conflicts in Western India** by Arzoo Malik, The Maharaja Sayajirao University of Baroda, Navrachana University, Vadodara, Wildlife and Conservation Biology Research Lab

10:00 am *20-minute Break*

10:20 am Featured Speaker Katherine McComas, Cornell University, **Influencing Human Behavior Towards Bears Through Risk Communication**

Noon *Lunch on your own; visit vendors*

EFFECTIVE MESSAGING AND OUTREACH

1:30 pm PANEL **Changing the Chanel on Bad News Bears: Communications and Media Tips** Clive Desire-Tésar, Clive Tesar Consulting; Mark Hart, Arizona Game and Fish Department; Peter Tira, California Department of Wildlife; Amy Alonzo, Reno-Gazette Journal; Ryan Canaday, KTVN Reno Channel 2 (CBS)

3:00 pm *20-minute Break*

27. **Social Media, an Economic Enabler for Proactive Education and Outreach** by Gerald Hodge, Appalachia Friends of the Bears
28. **Community Ambassadors for Collective Action: Opportunities to Scale Up Behavior Change to Reduce Human-Bear Conflict** by Meghan Jones, U.S. Geological Survey, Oregon Cooperative Fish and Wildlife Research Unit, Oregon State University
29. **Assessing the Future of Coexistence with Grizzly Bears Around the Beaverhead-Deerlodge National Forest using Photovoice** by Marley Held, Idaho State University
30. **Using Reporting Trends to Develop More Effective Human-Bear Coexistence Messaging** by Alexander Hereen, California Department of Fish and Wildlife

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31. **Approaches to Communicate and Evaluate Learning About Safety Around Wildlife** by Jill Bueddefeld, Wilfrid Laurier University; Ramona Maraj, Parks Canada

5:00 pm *Adjourn*

6:00 pm **Catered Evening Social, Silent Auction, Pneu-Dart Drawing**

Thursday

8:00 am Featured Speaker Seth Wilson **Learning to Live with Grizzlies: A 20-Year Case Study in the Blackfoot Watershed of Western Montana**

PERSPECTIVES ON PROGRESS

32. **South Lake Tahoe Black Bears and Creating a Positive Path Forward for Both** by Togie Seilsch, Lake Tahoe, Nevada
33. **The Encouraging Story of How Maroon Bells-Snowmass Wilderness went from Bear Crisis to Backcountry Cohabitation** by Katy Nelson, US Forest Service
34. **Legislative Perspectives and a BearSmart Wildlife Attractant Bylaw/ Ordinance Tool Kit** by Rich Beausoleil, Washington Dept. of Fish & Wildlife; IUCN Bear Specialist Group – Co-chair, North American Bear Experts Team; Sylvia Dolson, The Get Bear Smart Society

10:00 am *20-minute Break*

10:20 am **PANEL DISCUSSION Engaging Communities in Human-Bear Coexistence Research** Sara Elmeligi, Sarah E Consulting, Courtney Hughes, Alberta Environment and Parks, Annie Pumphrey, University of Northern British Columbia

11:30 **WHERE DO WE GO FROM HERE?**

An interactive session with the audience to focus on key takeaways and pathways to progress.

- Consistent Messaging
- New Terminology
- Defining Conflict
- From Conflict to Coexistence: Changing the Focus
- Exit Survey

Where Do We Really Go From Here? Next Workshop