



Waterton-Glacier International Peace Park

Waterton-Glacier Science & History Day

Lake McDonald Lodge Auditorium, Glacier National Park

July 22, 2011

8:30 a.m. **Opening Remarks** – Tara Carolin, Director, Crown of the Continent Research Learning Center, Glacier National Park

Welcome – Chas Cartwright, Superintendent, Glacier National Park

8:45 to 10:15 a.m. Session 1. Aquatic Resources

Moderator – Mark Biel, Glacier National Park

8:45 - 9:15 a.m. *Long Term Monitoring of Stream Ecological Integrity in Glacier National Park*, Billy Schweiger, Ecologist, Rocky Mountain Inventory and Monitoring Network, NPS

9:15 - 9:30 a.m. *Rock Snot, A Threat to Pristine Mountain Ecosystems*
Lisa Duke, Graduate Student, University of Calgary

9:30 - 10:15 a.m. *Understanding Patterns of Brook Trout Invasion into Bull Trout Streams of the Canadian Rockies*
Will Warnock, PhD student, University of Lethbridge

10:15 - 10:30 a.m. Break

10:30 a.m. to Noon Session 2: Restoration & Monitoring

Moderator – Janice Smith, Waterton Lakes National Park

10:30 to 11:00 a.m. *Monitoring Patterns of Visitor Use in Waterton Lakes National Park*
Kathy Rettie and Kimo Rogala, Canada

11:00 - 11:30 a.m. *Native Grassland Restoration in Waterton Lakes National Park*
Anne Naeth, Professor, Land Reclamation and Restoration Ecology and Vargo Distinguished Teaching Chair, University of Alberta

11:30 – 12:00 noon *Mapping and GIS Monitoring of Caves in Glacier National Park*
Hans Bodenhamer, Sponsor, Ernie Cottle, alumni & students: Sandi Baker, Brennen Shaw, Jeanie Schenck, Katie Lafeaver, Bigfork High School Cave Club



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Noon to 1:15 p.m. Lunch Break

1:15 p.m. to 2:45 p.m. Session 3: History & Social Science

Moderator – Deirdre Shaw, Glacier National Park

- 1:15 - 1:45 p.m. *Understanding User Experience of Locative Media*
Christy Gustavison, Visitor Experience Product Development Officer, Waterton
Lakes National Park
- 1:45 - 2:15 p.m. *People Before the Park*
Sally Thompson, Anthropologist/Researcher, University of Montana
- 2:15 - 2:45 p.m. *On the Margins of East and West: Tracking Precontact Use of Waterton-
Glacier*
Ann Johnson, Archeologist/Retired, Yellowstone National Park

2:45 to 3:00 p.m. Break

3:00 to 4:30 p.m. Session 4. Wildlife

Moderator – Justin McKeown, Waterton Lakes National Park

- 3:00 - 3:30 p.m. *Cougar Prey Composition in Southwest Alberta*
Jeremy Banfield, Graduate Student, University of Alberta
- 3:30 - 4:00 p.m. *Move, Adapt, or Die: A 13 Year Comparison Examining White-tailed
Ptarmigan Changes in Distribution, Habitat, and Number*
Dave Benson, Professor of Biology, Marian University
- 4:00 - 4:30 p.m. *Elk Migration and Dispersal Across an International Boundary*
Dale Paton, Graduate Student, University of Calgary
- 4:30 p.m. **Closing Remarks & Adjourn** – Dennis Madsen, Resource Conservation
Manager, Waterton Lakes National Park