



Waterton-Glacier International Peace Park

5th Annual Waterton-Glacier Science & History Day
Bayshore Inn, Waterton Townsite
Waterton Lakes National Park
July 22, 2008

8:30 a.m. Opening Remarks – Bill Dolan, Chief Warden, Waterton Lakes NP

Welcome – Rod Blair, Superintendent, Waterton Lakes NP
& Chas Cartwright, Superintendent, Glacier NP

8:45 to 10:25 a.m. Session 1: Vegetation

Moderator – Tara Carolin, Glacier NP

8:45 - 9:10 a.m. *Tree-ring reconstructions in southwest Alberta*
Jonathan Barichivich, University of Regina

9:10 - 9:35 a.m. *From Glacier Park to Greenland: Why small glaciers matter in the sea level rise story*
Dr. Joel Harper, University of Montana

9:35 - 10:00 a.m. *Taking a good long look: disturbance, succession, landscape change and repeat photography in the upper Blakiston Valley, Waterton Lakes National Park*
Graham Watt-Gremm, North Saskatchewan Watershed Alliance, University of Victoria

10:00 - 10:25 a.m. *Glacier National Park, Vegetation classification and mapping project for the Waterton-Glacier International Peace Park*
Richard Menicke, Glacier National Park

10:25 to 10:45 a.m. Break

10:45 a.m. to Noon Session 2: Aquatic Resources

Moderator – Barb Johnston, Waterton Lakes NP

10:45 - 11:10 a.m. *Western airborne contaminants assessment: implications of contaminants detected in Glacier National Park*
Chris Downs, Glacier National Park

11:10 - 11:35 a.m. *Installation of tunnels to reduce highway mortality of amphibians*
Cyndi Smith, Waterton Lakes National Park & Katie Pagnucco, University
of Alberta

11:35 - Noon *St. Mary Bull Trout - A Decade of Studies, 1997-2007*
Jim Mogen, U.S. Fish & Wildlife Service, Bozeman, MT

Noon to 1:15 p.m. Lunch Break

1:15 p.m. to 2:55 p.m. Session 3: Social & Cultural Research

Moderator – Janice Smith, Waterton Lakes NP

1:15 - 1:40 p.m. *Many Glacier Valley Archeological Sites Survey*
Dr. Douglas MacDonald, University of Montana

1:40 - 2:05 p.m. *Why visitors rode the shuttle at Glacier National Park*
Dr. Wayne Freimund, University of Montana

2:05 - 2:30 p.m. *The history of Oil City: Historical oil discoveries in Waterton*
Dr. John Dormaar, Agriculture and Agri-food Canada, Co-author of “The
History of Oil City”

2:30 to 2:50 p.m. Break

2:50 to 4:30 p.m. Session 4. Wildlife

Moderator – Steve Gniadek, Glacier NP

2:50 - 3:15 p.m. *Snowshoe hares in Glacier National Park and North America: food
for lynx and a potential sentinel for climate change*
Dr. Scott Mills, University of Montana

3:15 - 3:40 p.m. *RoadWatch Program*
Danah Duke, Miistakis Institute of the Rockies

3:40 - 4:05 p.m. *Trophic cascades involving wolves, elk, and aspen in the Crown of
the Continent ecosystem*
Cristina Eisenberg, University of Oregon

4:05 - 4:30 p.m. *What bears really do in the woods: Documenting wildlife behavior,
distribution, and response to sampling stations with remotely
triggered cameras*, Jeff Stetz, USGS Glacier Field Station

4:30 p.m. Closing Remarks & Adjourn – Jack Potter, Chief of Science & Resources
Management, Glacier NP