



# Waterton-Glacier International Peace Park

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## Science & History Conference Lake McDonald Lodge August 18, 2005

8:30 a.m.    **Opening Remarks** – Jack Potter, Chief, Science and Resources Management,  
Glacier National Park  
**Welcome** – Mick Holm, Superintendent, Glacier National Park

### 8:45 – 10:25 a.m.    **Session 1: Landscape Processes**

**Moderator** – Kathy Tonnessen, NPS Cooperative Ecosystem Studies Unit

8:45 – 9:10 a.m.    Eric Higgs, University of Victoria  
*Repeat Photography of Waterton-Glacier Mountain Landscapes*

9:10 – 9:35 a.m.    Dan Fagre, USGS Glacier Field Station  
*Climate Change and Avalanche Prediction in Glacier National Park*

9:35 – 10:00 a.m.    Greg Pederson, Montana State University  
*Climate Change, Glacier Retreat, and Ecosystem History of the Northern  
Rocky Mountains*

10:00 – 10:25 a.m.    Margaret Colenutt, London, Ontario  
*Dendroclimatology in Waterton Lakes National Park*

10:25 – 10:45 a.m.    **Break**

### 10:45 a.m. – Noon    **Session 2: Aquatic Ecosystems**

**Moderator** – Cyndi Smith, Waterton Lakes National Park

10:45 – 11:10 a.m.    Christopher Guy, Montana State University  
*Bull Trout and Lake Trout in Glacier National Park: A Tragic Combination*

11:10 – 11:35 a.m.    Mark Lorang, Flathead Lake Biological Station  
*The Evolving Habitat Mosaic of the Nyack Floodplain*

11:35 – Noon    Bonnie Ellis, Flathead Lake Biological Station  
*Overlooked Treasures: Capshell Limpets in Lost Lake, Glacier National Park*

Noon – 1:15 p.m. Lunch Break

1:15 p.m. – 2:55 Session 2: Wildlife

Moderator – Sallie Hejl, Glacier National Park

1:15 – 1:40 p.m. Carmen Wong, Senlin Ecological Consulting, British Columbia  
*Historic Whitebark Pine Dynamics*

1:40 – 2:05 p.m. Katherine Kendall, USGS - Glacier Field Station  
*Counting Bears Hair by Hair: Grizzly Bear DNA Studies*

2:05 – 2:30 p.m. Gordan Stenhouse, Alberta Sustainable Resource Development  
*Grizzly Bear Research in Alberta*

2:30 – 2:55 p.m. Richard Hutto, University of Montana  
*Severe Fire Restores Forest Conditions for Numerous Species*

2:55 – 3:15 p.m. Break

3:15 – 4:30 p.m. Session 4. History and Culture

Moderator – Christine Whitacre, NPS Cooperative Ecosystem Studies Unit

3:15 – 3:40 p.m. Francis Auld and David Swab, Salish-Kootenai Confederated Tribes  
*Culturally Scarred Trees of the North Fork of the Flathead River*

3:40 – 4:05 p.m. William Farr, Center for the Rocky Mountain West  
*Julias Seyler: Painting the Blackfeet, painting Glacier National Park (1913-1914)*

4:05 – 4:30 p.m. Mike Yochim, Yellowstone National Park  
*History of Snowmobiles in Glacier and Yellowstone*

4:30 p.m. Closing Remarks & Adjourn – Jack Potter