

AGENDA

Workshop on Ecological Restoration Best Practices in Protected Natural Areas & Canadian Council on Ecological Areas Annual General Meeting

Bayshore Inn and Conference Centre, Waterton Lakes National Park, Alberta
October 1-4, 2007

MONDAY, OCTOBER 1

15:00
REGISTRATION

18:00 – 20:00
CCEA Executive Meeting

20:00 – 22:00
WELCOME RECEPTION

In the Bayshore Inn Lounge.



TUESDAY, OCTOBER 2

7:30
REFRESHMENTS & REGISTRATION

PLENARY Oral Presentations & Discussion of Case Studies

Moderator: David Welch

8:00
Welcoming Remarks

Rod Blair, Field Unit Superintendent, Waterton Lakes National Park, Parks Canada. "Welcome to Waterton Lakes National Park"

Siân French, Chair, Canadian Council on Ecological Areas

Mike Wong, Executive Director, Ecological Integrity Branch, Parks Canada

Eric Higgs, School of Environmental Studies, University of Victoria

David Welch, Parks Canada. "Charge to Workshop Participants"

8:30
Overview of Principles and Guidelines for Ecological Restoration in Canada's Protected Natural Areas

Karen Keenleyside, Ecological Integrity Branch, Parks Canada and *Catherine Dumouchel*, External Relations and Visitor Experience Directorate, Parks Canada

8:50
The Role of Aboriginal Landcare Practices in Contributing to Effective Ecological Restoration

Dennis Martinez, Indigenous Peoples Restoration Network.

9:10
**Coming Full Circle:
Active Restoration in Grasslands National Park**

Cheryl Penny, Grasslands National Park, Parks Canada

9:30
Effective, Efficient, and Engaging Restoration for Recovering and Maintaining Ecological Integrity: Long Point World Biosphere Reserve Foundation Forest Restoration Program

Brian Craig, Parks Canada, *Paul Gagnon*, Long Point Region Conservation Authority, and *Steve Hounsell*, Ontario Power Generation

9:50
The Importance of Community Engagement in a Successful Restoration Project: The Case of Junction Creek in Sudbury, Ontario

Carrie Regenstreif, Junction Creek Stewardship Committee

10:10
Restoration in Action: Redstreak Restoration Project, Kootenay National Park

Michael den Otter, Parks Canada; *Alan Dibb*, Parks Canada; *Rick Kubian*, Parks Canada; *Hilary Page*, Sage Ecological Services, Invermere, BC; *Bruce Sundbo*, Parks Canada.

10:30
COFFEE BREAK

10:50
Consilience and Ecological Restoration in Banff National Park

Cliff White, *Ian Pengelly*, and *Jesse Whittington*, Banff National Park, Parks Canada.

TUESDAY, OCTOBER 2

- 11:10
Lunch Creek: A Case of Wilderness Restoration Adjacent to Going-to-the-Sun Road in Glacier National Park, MT
Joyce Lapp, Glacier National Park, US National Park Service.
- 11:30
Rehabilitation of the Trade Waste Pit in Waterton Lakes National Park: International Cooperation in the Art and Science of Ecological Restoration
Cyndi Smith, Waterton Lakes National Park, Parks Canada;
Joyce Lapp, Glacier National Park, US National Park Service;
Anne Naeth, University of Alberta.
- 11:50
DISCUSSION
- 12:00
LUNCH (Provided on site)
- 13:00
Prescribed fire in Alberta: Restoration of an Ecological Process.
Chris Stockdale, Alberta Sustainable Resource Development.
- 13:20
Ecological Restoration and Ecosystems in Change: The BC Parks Experience.
Lyle Gawalko, BC Parks and Protected Areas Branch
- 13:40
Ecological Restoration Activities in Ontario's Regulated Protected Areas: Past, Present and Future
Bill Crins, Ontario Ministry of Natural Resources, Ontario Parks
- 14:00
DISCUSSION
- 14:10
COFFEE BREAK
- 14:30
CCEA Jurisdictional Round Table (Everyone Welcome)
Hear what's going on in Canada's family of protected areas.
- 15:30
FIELD TRIP
Trade Waste Pit Restoration Project and Bison Paddock, Waterton Lakes National Park
- 17:30
Return from Field Trip

TUESDAY BANQUET

- 18:00
CASH BAR
Located at the Waterton Lakes Lodge

- 19:00
BANQUET
Located at the Waterton Lakes Lodge.

Guest Speaker: *Jim Harris*, Cranfield University, UK.
"Global Context of Ecological Restoration: Travels with my Auger"

Wine with dinner has been generously provided by the Science and Management of Protected Areas Association (SAMPAA).



WEDNESDAY, OCTOBER 3

7:30

REFRESHMENTS

PLENARY

8:00

**Reflections on previous day's presentations/
discussions**

Eric Higgs

8:05

**Announcements and overview of objectives for
Wednesday, October 3; Instructions to break-out
groups.**

David Welch/Karen Keenleyside

8:15

Move to Breakout Rooms

BREAKOUT GROUP PRESENTATIONS AND DISCUSSIONS

Groups will be given a template to complete and specific questions to consider in building a compendium of restoration best practices case studies. Short presentations on specific case examples are intended to stimulate discussion.

8:30 – 9:30

**Short (approx. 10 minutes) Case Study
Presentations and Discussions/Brainstorming**

Session 1

**Integrative approaches to Restoration in Grasslands
National Park of Canada**

Adrian Sturch, Grasslands National Park, Parks Canada.

Restoring Plant Communities at Risk

Lynne Atwood, Genoa Environmental Consulting Ltd., Cobble Hill, BC.

Restoration and Natural Recovery Following Wildfire

Lynne Atwood, Genoa Environmental Consulting Ltd., Cobble Hill, BC.

Pink Lake Restoration: 1998/90 and Onwards

David Maitland, Gatineau Park, National Capital Commission

Session 2

**Restoration of Smooth Brome-invaded Areas in
Grasslands National Park: A multi-phased approach**

Darcy Henderson, Environment Canada; *John Wilmshurst*, Parks Canada; *Mike Schellenberg*, Agriculture and Agri-Food Canada; *Robert Sissons*, Parks Canada.

Session 2 continued

**Ecological Restoration in Gulf Islands National Park
Reserve: Opportunities, Challenges, and Lots of
Questions**

Todd Golumbia, Gulf Islands National Park Reserve, Parks Canada.

**Recent Fluctuations in the Alpine Treeline
Environment. Are There Implications for
Restoration Science and Practice?**

Will Roush, University of Victoria.

Session 3

Restoration in Kejimikujik National Park

Stephen Flemming and *Blair Pardy*, Parks Canada

**Understanding Vegetation Changes in Subalpine
Meadows**

Adrienne Shaw, University of Victoria.

**Challenges of Ecosystem Restoration in Ponderosa
Pine, Okanagan Valley, British Columbia**

Judy Millar, BC Ministry of Environment.

Session 4

**Ecological Restoration in Point Pelee National Parks
Greater Ecosystems - Engaging the Education
Community**

Dan Reive, Point Pelee National Park, Parks Canada

**Mixed-severity Fire Regimes in the Montane Forests
of the Southern Rocky Mountain Trench**

Lori Daniels and *Jed Cochrane*, University of British Columbia; and *Robert Gray*, Gray Consulting Ltd.

**Integrating Ecological and Cultural Values: The
Evolution of Mallorytown Landing**

Jennifer Harvey, St. Lawrence Islands National Park, Parks Canada.

9:30

Breakout groups reflect on presentations

Participants consider how well the presentations given on October 2 and October 3 illustrate the Principles and Guidelines.

10:00

COFFEE BREAK

WEDNESDAY, OCTOBER 3

- 10:20
Breakout Sessions Continued
Participants consider specific questions aimed at developing guidance for the best practices compendium
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- 11:30
Reports of Breakout Groups and General Discussion
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- 12:00-13:00
LUNCH (provided on site)
-
- PLENARY**
“Cross-Cutting Issues”
Moderator: David Welch
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- 13:00
Quantitative Methods for Identifying Ecological Benchmarks in Canada’s Boreal Forest.
Lee Anderson, University of Alberta.
-
- 13:20
Placing Canadian Case Studies in an International Context.
Steve Whisenant, Texas A & M. University
-
- 13:40
The Mountain Legacy Project
Eric Higgs, University of Victoria; *Rick Arthur*, Alberta Sustainable Resource Development; *Rick Kubian*, Kootenay National Park; *Adrienne Shaw*, University of Victoria; *Rob Watt*, Waterton Lakes National Park; *Graham Watt-Gremm*, University of Victoria
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- 14:00
Education and Restoration: A Mutually Beneficial Partnership
Catherine Dumouchel, External Relations and Visitor Experience Directorate, Parks Canada
- 14:20
COFFEE BREAK
-
- 14:40
Cultural Heritage Value and Ecological Restoration: Considerations and Tools for Successful Integration
Stephen Savaugé, Archaeological Services Branch, Parks Canada
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- 15:00
Linking Culture and Nature in Restoration
Nadine Crookes, Pacific Rim National Park Reserve, Parks Canada
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- 15:20
Jumping Through Hoops
Albert Van Dijk, La Mauricie Field Unit, Parks Canada
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- 15:40
General Discussion and path forward
Facilitator: To be determined.
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- 16:40
Closing Remarks
Siân French
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- 17:00 – 18:30
CCEA AGM
-
- 17:00 – 18:30
PCA Restoration Task Team Meeting
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- DINNER**
Please fend for yourself

THURSDAY, OCTOBER 4

- 8:00
CCEA Breakfast meeting
(Lounge, Bayshore Inn)
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- 9:30-12:00
FIELD TRIP
To Waterton Front led by *Kim Pearson*, Nature Conservancy of Canada.
- 12:00
Return to Bayshore Inn
Departure for Calgary airport.
The drive is 3.5 hours.