



Fostering Connections between Protected Areas and Research

Conference Program

Monday December 4th

11:00 am Registration Desk Opens

1:00 pm **Welcome** Nancy Wilkin, Environmental Stewardship Division/BC MOE
Program Orientation Pam Wright

1:30-2:45 **Session 1a New Directions and Partnerships in Management and Research**
 Jeff Ward & Bill Turner – *Building a Protected Natural Area System as Part of Sustainable Urbanization in the Capital Regional District – Turning Planning and Partnership into Action*
 Lynn Wilson – *The New “Pathway” for Capital Regional District Parks and Trails Management Planning*
 Daryl Moncrieff – *Scratch my back...: an example of a collaborative research partnership from Western Australia.*
 Jamie Hahn and John Shultis – *Khutzeymateen Grizzly Bear Sanctuary Research: A Case Study of an Academic-Professional Partnership*

Session 1b Integrating Research to Understand Cougar-Human Interactions
 Geoff Carrow – *Attitudes, perception and knowledge: Understanding the human-cougar nexus on the West Coast Trail*
 Danielle Thompson – *Cougar ecology in a coastal Canadian National Park*
 Nadine Crookes – *Totem of sustainability: A Nuu-chah-nulth perspective on the integration of traditional ecological knowledge*
 Jennie Sparkes – *Knowledge, values, experience, perceived risk, and attributions of National Park visitors and residential neighbors about bears, cougars, and wolves*
 Bob Hanson & Dani Thompson – *Pacific Rim National Park reserve: Integrated social-ecosystem research model*

Session 1c. Protected Areas, Residents and Newcomers

Laurence Moss – *The Amenity Migrants: Stewards or Spoilers of Protected Areas and Wildlands?*

Joe Pavelka – *Lived Experience of Negotiated Leisure for Residents of the Bow Valley Alberta*

Session 1d. The Mountain Legacy Project

Eric Higgs, Rick Kubian and Rob Watt – *Using historical photographs to understand landscape phenomena*

2:45-3:00

Break (provided)

3:00-5:00

Session 2a. Moving from the land into the sea – Research challenges for marine protected areas

Cliff Robinson – *Coastal marine ecosystems in Canada's National Parks*

Marlow Pellatt – *Long-term Records of Pacific Salmon Abundance: Research Using Stable Isotopes and Paleoecological Methods.*

Tomas Tomascik – *Settlement of Northern abalone (*Haliotis kamtschatkana*) recruits along a modelled larval dispersal gradient in the Broken Group Islands of Pacific Rim National Park Reserve of Canada*

Heather Holmes – *Fish Research in Kelp and Reef Habitats in Pacific Rim National Park*

Patrick O'Hara – *Ship-source oil pollution and BC's sea otters*

Doug Hrynyk – *The use of geomatics technology in coastal research*

Wayne Bourque – *Research issues as related to Parks Canada's National Marine Conservation Areas program*

Session 2b. Glaciers, climate change and protected areas

Brian Menounos and Roger Wheate – *The state and fate of western Canadian glaciers.*

Dan Smith – *Where have all the glaciers gone? The changing landscape of BC's alpine parks.*

Brett Hudson – *Considering Climate Change in Park Management Planning*

Craig Mount – *Glaciers in BC Parks: Catch them while you can*

Sally Bertram – *Glacially Influenced Watersheds in BC*

Ian Walker – *Integrating climate change and coastal morphodynamics research for monitoring in coastal parks.*

5:00-6:30

Official BCPARF Conference Opening

Steve Langdon, Parks Canada Agency

Conference Organization Sub-Committee

Speed Dating for Researchers and Managers

No-Host Bar

Dinner on your own

Tuesday December 5th

8:00 – 8:15 Opening Introductions

Jeff Ward, CRD Parks

8:15-9:15 Plenary Talks

Wayne Bourque – *Active management in National Parks: Challenges*
Bruce Blackwell – *What’s going on in BC Parks? Fires, bugs and more – issues that we can address?*

9:30- 10:30 Session 3a. The Challenges of Doing Active Management

Todd Golumbia – *Ecological Restoration in Gulf Islands National Park Reserve: Opportunities, Challenges and Lots of Questions*
Stan Orchard – *Eradicating Invasive American Bullfrogs*
Patrick Daigle – *Developing Silvicultural Prescriptions for Protected Areas*

Session 3b. Managing & Monitoring Visitor Use

John Shultis – *Carrying Capacity: To Use or Not to Use?*
James Miskelly – *Restoration of the Thetis Lake Lakeshore Trail Using the ‘Limits of Acceptable Change’ Land Stewardship Model*
Randy Morris – *Monitoring Changes in Visitor Perceptions and Experiences to Evaluate Human Use Management Strategies in Protected Areas: A Case Study on the Winter Recreation Use Strategy in Chilkooot Trail National Historic Site of Canada*

Session 3c. Research and Decision-Making Panel Discussion (Opening Presentation and Panel Discussion)

Robert DeWreede – *Applying Scientific Data - two solitudes?*
Panelists from BC Parks and Parks Canada
Steve Langdon
Tomas Tomascik
Brian Bawtinheimer
Alec Dale

10:30-10:45 *Break (provided)*

10:45-12:15 Session 4a. Social Science Research in Aid of Protected Area Management

Brian Dyck – *Applying Survey Research to BC Parks Management Decisions: An Overview*
Wolfgang Haider – *Decision-making preferences of amateur winter recreationists in avalanche terrain*
Pat Maher and UNBC Students – *Evaluating Visitor Orientation at Gwaii Haanas National Park Reserve and Haida Heritage Site*
Mike den Otter – *Impacts of Ecosystem Restoration on Visitor Experience in Kootenay National Park*
Kate Reade – *Resident Perspectives on Forest Health Management Practices in Mount Robson Provincial Park*

Session 4b. Active Management & Restoration Workshop

Bruce Blackwell

Session 4c. Mapping Approaches to Research and Management

Jason Northcott –*BC Conservation Mapping Project*

Ben Beardmore –*View from a canoe: Modeling wilderness canoeists' perceptions and preferences for features of the boreal landscape*

Pano Skrivanos –*Mapping in Action – Tsleil-Waututh Bioregional Park Atlas, a first for BC*

12:30-1:30 *Lunch (provided)*

1:30-3:00 Session 5a. Research on Challenging Species

Danielle Bellefleur – *Boat Disturbance and Marbled Murrelets in Pacific Rim National Park Reserve: Does SARA Apply?*

Pamela Hengeveld – *Stone's sheep research Muncho Lake and Stone Mtn Parks areas*

Alan Dibb – *Ecological and Social Research for Restoration and Management of Bighorn Sheep Winter Range*

Barb Beasley – *Don't it always seem to go that you don't know what you've got till it's gone: Protecting amphibian biodiversity from the highway.*

Session 5b. Financing and Managing Protected Areas

Rick Rollins – *Resolving Conflict In An Urban Park Setting: An Application Of Attitude Theory*

Tracy Ronmark – *Collaborative Planning for BC's Parks and Protected Areas*

Holly Clermont – *Financing Conservation Management in Parks and Conservation Areas: A Case Study of Mount Arrowsmith Biosphere Reserve*

Session 5c. Facilitating Research Roundtable Discussion

(Presentations and Discussion)

Discussion Chair - Tory Stevens

Sari Saunders and Andy MacKinnon – *Using Parks for Long-Term Ecological Benchmarks*

Dylan Eyers and Sarah Elmeligi – *Researching Your Way to a Career with the Ministry of Environment*

Pierre Johnstone – *Intra-Ministry Cooperation and Support for Data Collection*

3:00-3:30 *Break (provided)*

3:30-5:00 Session 6a. Community Perspectives, Stakeholder Involvement and Marine Protected Areas (Presentations and Discussion)

Natalie Ban – Discussion Chair

Cheri Ayers – *An Exploration of Hul'qumi'num, Coast Salish Indigenous Peoples' Attitudes Towards the Establishment of MPAs in Georgia Strait, British Columbia, Canada*

Dave McCallum and Rick Rollins – *Shellfish Aquaculture within Marine Protected Areas (MPAs)*

Session 6b. Southern Gulf Islands Atlas -- A Web-based Mapping Tool for Terrestrial and Coastal Ecosystems

Tara Sharma and Todd Golumbia

Session 6c. Using Research to Inform Protected Area Design and Management – A range of approaches

Jennifer Skelton – *Identifying Core Representative Areas in the Mackenzie Valley, NWT*

Mike Hurley – *Using an Expert-Based Approach to Predict Moose-Vehicle Collisions in Mount Revelstoke and Glacier National Parks*

Matt Bowes – *Place Meanings in the Broughton Archipelago*

Rosaline Canessa – *Zoning MPAs: Can Marxan help?*

5:15 -6:30

Poster Session

Building a Research Agenda for Protected Areas in BC

No-Host Bar

6:30-7:30

Dinner provided

7:30

After Dinner Speaker Joe Pavelka - ‘*Everyday Research Ads Up*’

Wednesday 6th

8:00 – 9:30

Session 7a. Parks Canada’s Cooperative Study Units:

A visioning exercise for the Pacific Coast of Canada

Discussion Chair – Marlow Pellatt

Session 7b. Community Involvement in Research and Monitoring

Mike Gall – *Explore Using Volunteers to do Research in PPA’s*

Jacinda Mack & Larry Jorgensen – *to follow*

S. Lavallee – *Protected areas as an educational tool: experiences from a semester-long undergraduate field school*

Barb Beasley – *Monitoring recreational use and the power of educational programs to protect wildlife: PARTNERS WANTED for a case study of the Tofino Mudflats Wildlife Management Area.*

Session 7c. Bears, People and Conservation

Debbie Wellwood – *Risk assessment of bear-human conflicts on the Alsek River, Kluane National Park, Yukon*

Steven Hodgson – *Assessing and managing the impacts of eco-tourism along the Atnarko River*

Sarah Elmeligi – *Bear-Viewing in the K’tzim-a-deen Inlet: Incorporating Multiple Perspectives in Research*

Doug Clark – *Societal Dynamics of Grizzly Conservation*

9:30-10:00

Break (provided)

10:00-11:30 Session 8a. Monitoring

Phil Lee– *Indices for Reporting Overall Ecological Status and Trends in Parks Canada*

Mike Fenger and Mathew Wheatley –*Undeveloped Watersheds in BC's Pine Forests; A call for Sustainable Forestry Benchmarks.*

Joleen Timko – *Evaluating Ecological and Socio-Cultural Effectiveness in National Parks*

Bernard Laval, Darlene Lim & Donnie Reid– *Site protection issues of the Pavilion Lake Research Project in Marble Canyon Provincial Park, BC*

Kathy Rettie – *Partnering for Ecological Integrity: Research and Monitoring in the Mountain Parks*

Session 8b. Conserving Garry Oak Ecosystems: The Role of Science in Ecosystem-Based Management

Marlow Pellatt – *Garry Oak Ecosystems in the Past, Present, and Future: A Multidisciplinary Research Project Relevant to Protected Area Management and Species Recovery.*

Ze'ev Gedalof –*Tree-Ring Analysis of Garry Oak (Quercus garryana) savannahs at their Northernmost Limits*

Karin Bodtker, Alex Cannon and Marlow Pellatt – *How might climate change impact the conservation of Garry oak (Quercus garryana) ecosystems?*

Conan Webb – *Garry Oak Ecosystem Restoration at Fort Rodd Hill National Historic Site of Canada*

Emily Gonzales – *Deer and Declining Diversity*

Patrick Lilley – *Are all parks created equal?: local conditions versus landscape context in determining plant diversity in Canada's endangered Garry oak ecosystem*

Session 8c Cultural and Historical Research for Protected Areas

Daryl Fedje – *Landscape Evolution and Human Adaptation in Haida Gwaii during the Pleistocene - Holocene Transition*

Lyle Dick – *Historical Research and Species at Risk: Case Studies of the Peary Caribou and Sea Otter*

Marty Magne –*New Initiatives to Commemorate Aboriginal History in Western Canada*

Ron Hamilton – *The Use of Cultural Resource Research in Decision-Making for a Protected Area*

11:30-12:00 The Way Forward (Closing)

12:00 Lunch

Wednesday PM

Optional Field Trip to Sooke Potholes Regional Park– Hosted by CRD (find details on the website
<http://www.unbc.ca/bcparf/conferences/program.html>)

December 4-6, 2006

For full conference information including registration details go to:

www.unbc.ca/bcparf

Registration is filling fast -- please register now!!

