

BC PROTECTED AREAS RESEARCH FORUM

**Closing the Loop:
Putting Research into Action**

2008 Program

Nov 30 - Dec 3rd

Conference Centre
University of Northern British Columbia



2008 Sponsors



Ministry of Environment/
Environmental Stewardship Division



Parks Canada Agency



The Coast
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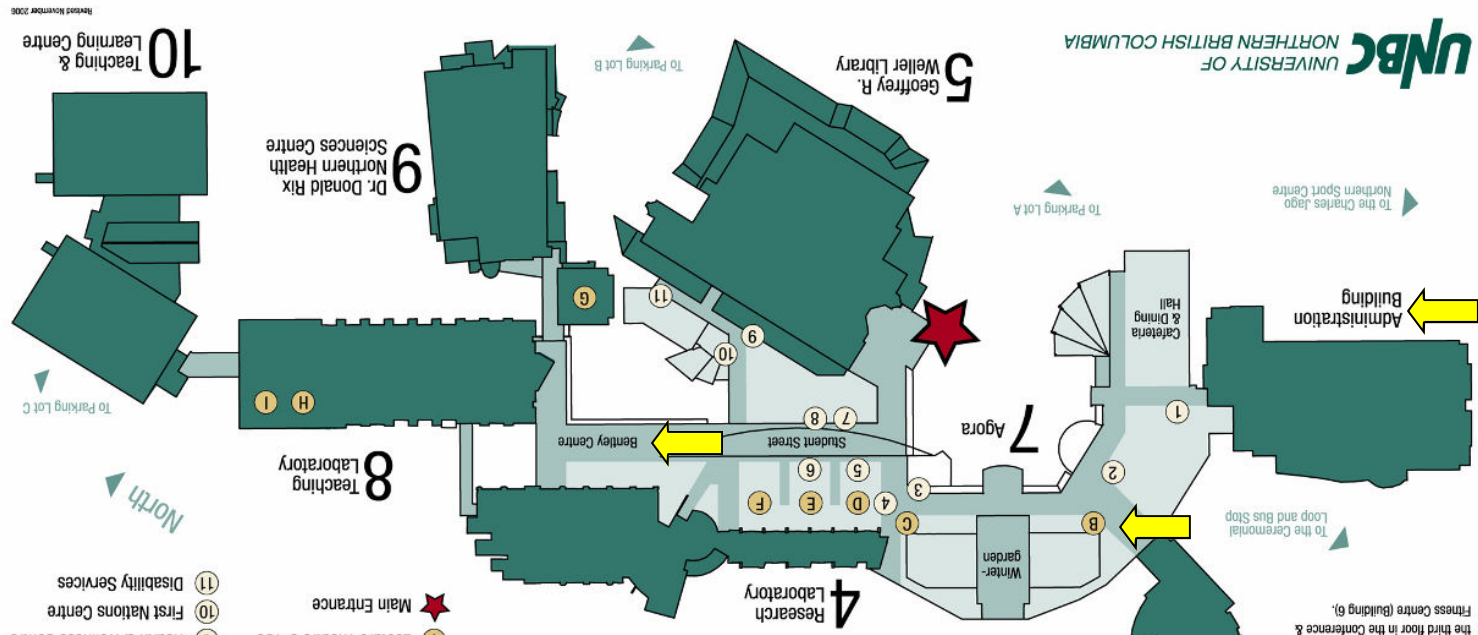
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- A) Cantor Theatre
 - B) Weldwood Theatre 7-238
 - C) Lecture Theatre 7-212
 - D) Lecture Theatre 7-150
 - E) Lecture Theatre 7-152
 - F) Lecture Theatre 7-158
 - G) Lecture Theatre 9-200
 - H) Lecture Theatre 8-164
 - I) Lecture Theatre 8-166
- Main Entrance



Room numbers include building code prefixes. For example, room 5-152 is located in the Geoffrey R. Weller Library (Building 5), and room 8-322 is located in the Teaching Laboratory (Building 8). The Administration building does not use a building code prefix. The first number after the building code prefix indicates the level on which the room is located. For example, room 6-312 is located on the third floor in the Conference & Fitness Centre (Building 6).

Guests, Participants & Sponsors

TIME	ROOM	SESSION/TALKS
10:30-11:30	6-306	Session G3 ~ Wildlife and Protected Areas: Case Studies (Chair Tory Stevens) Tory Stevens and Eric Lofroth - <i>Wildlife Without Borders: Wolverines in the North Cascades</i> Doug Biffard - <i>Five Years of Ling Cod (Ophiodon elongatus) monitoring in Gossiland Tod Park, British Columbia</i> Conference Wrap-up (Lunch on your own)
11:30-12:00	7-172	
1:00-4:30	6-205	Optional: Yellowstone to Yukon: Peace Break Workshop

THURSDAY DEC 4th

TIME	ROOM	SESSION/TALKS
8:30-12:00	6-306	Optional: Yellowstone to Yukon: Peace Break Workshop

BCPARF Chair and Conference Host
Pam Wright
 UNBC Outdoor Recreation and Tourism Management
www.unbc.ca/bcparf

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 Participant Lists
 BCPARF Contact Address

SESSION/TALKS

TIME	ROOM	SESSION/TALKS
8:30-10:00	6-306	Concurrent Session F3 ~ Community Challenges (Chair Rick Rollins) Heather Steere and Rob Hood - <i>Becoming an UNESCO Heritage Site: The Case of Clearwater, BC</i> Amanda Mercer and Rob Hood - <i>Living by the park: An exploratory study on locals' views in an area experiencing tourism growth</i> Rick Rollins and Lynn Wilson - <i>Managing for conflict at Elk Beaver Regional Park</i> Phil Bradshaw - <i>Valuing old-growth forests and related qualities in southwestern mainland British Columbia using contingent choice</i>
10:00-10:30	6-211	Midmorning Break
10:30-11:30	6-205	Concurrent Session G1 ~ Science and Management of Protected Areas at all Scales (Chair Lyle Gawalko) Philip Clement, Jamie Hahn & Carl Jensen - <i>Klut̓ŋymateen Grizzly Bear Management - Utilizing partnerships, research, traditional knowledge, and monitoring to set management direction</i> Leona Shaw, Jane P. Young & Beverly John - <i>The ecology of food and medicine plant gathering sites as defined by Tla'ast'en Nation</i> Mathew Wheatley, Gabor Sass and Irena Creed - <i>Harnessing satellites for protected areas management: using predictive hydrology maps to mitigate effects of adjacent development</i>
10:30-11:30	7-172	Session G2 ~ High Latitudes, High Elevations (Chair Heather West) William Roush - <i>Understanding a Rapid Rise in the Alpine Treeline Ecotone of Kootenay National Park: Top-Down Regulation or Grassroots Power?</i> Joyce Gould, Ellen Macdonald and Rene Belland - <i>Habitat fidelity and co-occurrence patterns of rare vascular plants in protected areas of the northern Rockies of Alberta.</i> Will MacKenzie - <i>Getting High on BEC: new knowledge from a provincial classification of alpine and subalpine ecosystems</i>

Wade Davis

Wade Davis is a noted anthropologist and ethnobotanist whose work has usually focused on the observation and analysis of the customs, beliefs, and social relations of indigenous cultures in North and South America, particularly the traditional uses and beliefs associated with plants with psychoactive properties. Wade is a National Geographic Explorer-in-Residence.

Among Davis' many books are *The Serpent and the Rainbow* in (about the process of zombification in Haiti) (1986), *Passage of Darkness* (1988), *One River* (1996), and *Shadows in the Sun* (1998). Davis was born in West Vancouver, British Columbia, Canada and grew up in Pointe Claire, Quebec. He attended Lower Canada College and later, when his family moved back to British Columbia, Brentwood College School. He received degrees in Biology and Anthropology as well as a Ph.D. in Ethnobotany, all from Harvard University. Mostly through the Harvard Botanical Museum, he spent more than three years in the Amazon and Andes as a plant explorer, living among 15 indigenous groups in eight Latin American nations while making some 6,000 botanical collections. Davis's work later took him to Haiti to investigate folk preparations implicated in the creation of zombies, an assignment that led to his writing *The Serpent and the Rainbow* (1985), and *Passage of Darkness* (1988) The first was an international best-seller, which appeared in 10 languages. The second reprints material from the first, and is primarily about the theories of how zombies are made, while the first is the story of the investigation. He is author of eight other books, including *One River*, in which he follows in the footsteps of his mentor, Harvard ethnobotanist Dr. Richard Evans Schultes.

Davis is a citizen of Canada, Ireland and the United States. He has worked as a guide, park ranger and forestry engineer. He has conducted ethnographic fieldwork among several indigenous societies of northern Canada. He has published scientific and popular articles on subjects ranging from Haitian Vodou and Amazonian myth and religion to the global biodiversity crisis, the traditional use of psychotropic drugs, and the ethnobotany of South American indigenous peoples. His discussions of drugs such as the Amazonian entheogenic tea ayahuasca reveal how some human uses of psychoactive substances can be profound and culturally enriching.

A research associate of the Institute of Economic Botany of the New York Botanical Garden, Davis is also a board member of the David Suzuki Foundation, Ecotrust, Future Generations, and Cultural Survival—all NGOs dedicated to conservation-based development and the protection of cultural and biological diversity. Recently his work has taken him to Peru, Borneo, Tibet, the high Arctic, the Orinoco Delta of Venezuela and northern Kenya.

Davis is an outspoken conservationist and belongs to many non-governmental organizations that work to preserve biological and cultural diversity.

SESSION/TALKS

Plenary Talk: Resolving Conflicts in Protected Areas When Values Range from Economics to the Intangible

Mike Tranel

Special Assistant to the Alaska Regional Director

US National Park Service

Sponsored by the SFMN State of Knowledge Project on the Role of Protected Areas in Sustainable Forest Management

5:00-6:00 Admin. At-trium No host bar

6:00 – 9:00 Admin. At-trium Banquet dinner

Wendy Francis - *The Peace River Break: A Critical Link in the Yellowstone to Yukon Vision*

WEDNESDAY DEC 3rd

SESSION/TALKS

8:00-8:30 ROOM 6-211 Coffee

8:30-10:00 **Session F1 ~ The Muskwa-Kechika Management Area: Lessons Learned in Conservation Planning and Multi-Stakeholder Collaboration (Roundtable)**

Julian Griggs and David Luff

8:30-10:00 **Concurrent Session F2 ~ Marine Conservation**

(Chair Phil Dearden)

Neil Davis, Cheri Ayers, Natalie Ban, Julie Beaumont, Karin Bodtker, Tanya Bryan, Andrew Day, Lynn Lee, Dave Nicolson, Craig Outhet, Glen Rasmussen, Royle Krista, Charlie Short & Charlie Twaddle - *Identifying priority areas for marine conservation in BC: the advantages and challenges of a collaborative approach*

Lindsay McBlane, Krista Royle & Greg MacMillan - *Spatial Decision-Support for National Marine Conservation Areas in the Southern Strait of Georgia and Gwaii Haanas*

Tomas Tomascik - *National Marine Conservation Areas Science Network on the Pacific Coast*

Darcy Gray, Rosaline Canessa, Rick Rollins, Phil Dearden & Peter Keller - *Recreational Boating in the Southern Strait of Georgia: Preferences, Attitudes, and Use Patterns*

Mike Tranel

Special Assistant to the Alaska Regional Director

Michael J. Tranel has worked with the US National Park Service for the past 24 years and is currently a special assistant to the Alaska Regional Director. Based in Washington, DC, he is a liaison to the US Congress on behalf of the 23 national park units in Alaska. Until early 2008 he was Chief of Planning at Denali National Park and Preserve in Alaska, and before that was a park ranger at other US National Park units such as Timpanogos Cave National Monument, Utah; Gulf Islands National Seashore, Mississippi; and Ocmulgee National Monument, Georgia. Mr. Tranel received a BA from the University of Notre Dame, Indiana; and a Master of Arts degree from the University of Iowa in geography. He has published several papers on the values of protected areas and has done presentations and consultation in Sweden, South Africa, and China as well as the US.

TIME ROOM SESSION/TALKS

1:00-2:30	7-238	Nicole Kroeker - <i>Garry oak ecosystems restoration and species at risk (re)introductions in Gulf Islands National Park Reserve</i> Lynn Atwood - <i>The effect of seedling on native and invasive plant establishment following wildfire in South Okanagan conservation lands</i> Ross Vennessland, Matt Fairbairns, Louise Blight, Danielle Bellefleur & Philip Lee - <i>Back from the Grave – The return of an extirpated plant to BC's west coast</i> Annie Booth - <i>Manching and Burning in the Municipality: The Use of Domestic Goats and Vinegar as Municipal Weed Control Alternatives</i>
2:30-3:00	6-211	Break
3:00-4:00	6-205	Concurrent Session E1 ~ The Conservation Framework and Research Priorities: Roundtable Tory Stevens, Kristi Ciruna, Eva Riccius and Dominique Sigg
3:00-4:00	7-238	Concurrent Session E2 ~ Conservation Challenges (Chair Phil Lee) Snapper: Trudy Chatwin - <i>Scientifically based seabird viewing guidelines</i> Snapper: Danielle Bellefleur, Phil Lee and Ross Vennessland - <i>Re-Establishment of a North Pacific Beach Dune Ecosystem on the West Coast of British Columbia</i> Jay Honeyman - <i>A retrospective evaluation of the effectiveness of aversive conditioning on grizzly bears in Peter Lougheed Provincial Park, Alberta, Canada</i> Mark Hebbelwhite and Marco Musiani - <i>The challenge of woodland caribou conservation in the Canadian Rockies: are more parks the answer?</i>
3:00-4:00	6-306	Concurrent Session E3 ~ Educational & Sustainable Experiences (Chair Zoe Meletis) Glen Hvenegaard - <i>Innovative park interpretation for children: Evaluating the use of improvisational theatre games</i> Sarah Poirier, Rick Rollins and Rosaline Canessa - <i>Effects of interpretive wildlife watching tours on tourists in Tojino, BC</i> Craig Hyslop, Rick Rollins, and Carleigh Randall - <i>The role of commercial tour guides in protected areas</i>

		SUNDAY NOV 30th	
TIME	ROOM	SESSION/TALKS	SESSION/TALKS
10:30-12:00	7-238	(Continued) Concurrent Session C2 ~ Secing the Forest and the Trees Philip Burton - <i>The importance of protected areas to forest science and forest management research</i> Leanna Warman and Tory Stevens – <i>Ecological baseline and monitoring of vegetation on conservation lands</i> David Connell - <i>Assessing benefits of non-timber uses: a case study of the inland rainforest of the Upper Fraser River Valley</i> Yolanda Wiersma and Wolfgang Haider – <i>Protected areas and sustainable forest management</i>	Optional Field Trips Ancient Forest Eskers Provincial Park
10:30-12:00	6-205	Concurrent Session C3 ~ Looking Deeper at Research (Chair: John Shultis) Brian Dyck and Stuart Walsh - <i>Validating Check-All and Forced-Choice Question Formats in a Campground Survey</i> John Shultis - <i>Declining Park Visitation?: Comparing Parks Canada, National Parks Service and BC Parks Responses</i> Natalie Dechaine - <i>Researching Research Permits in BC Parks</i> Lunch (for full delegates)	Public Talk Dr. Wade Davis Sheets of Distant Rain: Seasons in the Sitkine Sponsors: UNBC ORTM, BC Parks, Parks Canada, Coast Inn of the North, Stride and Glide Sports, BCPARF, Vancouver Island University
12:00-1:00	6-211		
1:00-2:30	6-205	Concurrent Session D1 ~ Tourism, Protected Areas and Community Relationships: Discussion Panel Pat Maher, Nicole Vaugeois and Dan MacDonald.	
1:00-2:30	6-306	Concurrent Session D2 ~ Resident and Visitor Experiences Snapper: Nadine Heck and Philip Dearden - <i>Challenges in assessing different user groups' opinions on marine management at Pacific Rim National Park Reserve</i> Rick Rollins and Dave McCallum - <i>Resident and Visitor Perceptions of the Marine Environment in Gulf Islands National Park</i> Kate Reade and Pamela Wright- <i>Comparing resident and visitor perceptions of forest health management strategies in Mt. Robson Provincial Park</i>	
1:00-2:30	7-238	Brian Dyck, Tay Hanson and Wayne Stetski - <i>Climbing in Bugaboo Provincial Parks: Some Preliminary Findings</i> Concurrent Session D3 ~ Planning for Plants (Chair – Sari Saunders) Snapper: Jane Young and Lisa Poirier - <i>Importance of Wetland Research in the North-Central Intermountain Ecological Region (IER) of British Columbia</i>	

MONDAY DEC 1st

TIME	ROOM	SESSION/TALKS
9:00		Registration Desk Opens
9-12 am	6-306	Tourism Rural Innovations Project (TRIP) Meeting (N. Vaugeois)
8-12 am	6-205	Sustainable Forest Management Network Workshop (Y. Wiersma)
9-11:30 am		Science in Schools speakers series (optional)
1-2:00	7-172 (Bentley C.)	BCPARF Conference Opening UNBC welcome First Nation welcome
2:00-3:00	7-170	Conference chair – Pam Wright Coffee Break
2:30-3:30	6-213 Canfor	Keynote Talk: Light at the Edge of the World Dr. Wade Davis National Geographic Explorer-in-Residence 2009 Massey Lecturer Sponsors: UNBC ORTM, UNBC NRESI, UNBC NORS, BC Parks, Parks Canada, Coast Inn of the North
3:30-5:00	6-213	Concurrent Session A1 ~ Current Findings (Chair Tory Stevens) Kathy Parker and Michael Gillingham - <i>Predator-Prey Strategies In The Muskoka-Keebika</i> Deepa Filatow and Carmen Cadrin - <i>Ecosystems from the Ground Up: the Importance of Geomorphology in Ecosystem Research</i> Monica Mather - <i>The Role of Protected Areas in the Maintenance of Marbled Murrelet Nesting Habitat</i>
3:30-5:00	6-306	Concurrent Session A2 ~ Regional Research Roundtable Lynn Wilson and Marilyn Fuchs - <i>Identifying research challenges and opportunities within B.C.'s regional parks systems</i>
3:30-5:00	6-205	Concurrent Session A3 ~ Protecting Our Climate Through the Conservation of Nature in BC Sheila Harrington and Sara Wilson – BC Land Trust Alliance
5:00-7:00pm	7-172 (Bentley C.)	Poster Session and Social Sponsored by the Ocean Management Research Network and the Marine Protected Areas Research Group

TUESDAY DEC 2nd

TIME	ROOM	SESSION/TALKS
8:00-8:30	6-211	Coffee/Registration
8:30-10:00	6-306	Concurrent Session B1 Social Science in the Mountain Parks (Chair Kathy Rettie) Laura Cameron and Amy Paran - <i>Stories from the field: Data collection on visitor experience</i> Kimo Rogala - <i>Mixed methodology to meet complex management questions</i> Kathy Rettie - <i>Species at Risk: the Human Side</i> Jovan Simic - <i>Environmental consciousness of RV visitors to Rocky Mountain National Parks</i>
8:30-10:00	7-238	Concurrent Session B2 ~ Climate and Protected Areas (Chair Marlow Pellatt) Nancy-Anne Rose and Philip J. Burton - <i>Using Bioclimatic Envelopes to Identify Temporal Corridors for Conservation Planning in the Context of Climate Change</i> Marlow Pellatt - <i>Climate Change Impacts and Adaptation in Canada's National Parks</i> Roger Wheate, Brian Menounos and Tobias Bolch - <i>Glaciers in western parks and protected areas: melting rates across the cordillera</i>
8:30-10:00	6-205	Concurrent Session B3 ~ Conservation planning – putting science into action - Workshop Stuart Gale - <i>Taking Nature's Pulse: The Status of Biodiversity in British Columbia</i>
10:00-10:30	6-211	Midmorning Break
10:30-12:00	6-306	Concurrent Session C1 ~ Social Science in the Mountain Parks (Chair Kathy Rettie) Matthew Haines - <i>Photo classification: A New Technique</i> Darrel Zell – <i>Visitor Behaviour Modeling</i>
10:30-12:00	7-238	Concurrent Session C2 ~ Seeing the Forest and the Trees (Chair Andy MacKinnon) Snapper: Andy MacKinnon, Sari Saunders & Heather West - <i>Developing a permanent plot network for long term, spatial evaluation of old-growth dynamics in the coastal temperate rainforest</i>