

Cedar Morton MRM, PhD (ABD)

cmorton@sfu.ca

Education

Doctor of Philosophy (Candidate, in progress) – Resource Management

School of Resource and Environmental Management, Simon Fraser University

Research focus on transboundary environments (esp. water governance), institutional resilience & climate change adaptation. Title of thesis project: Integrating Species Conservation into more Adaptive International Freshwater Agreements. Current GPA: 4.11/4.33

Master of Resource Management (Planning)

School of Resource and Environmental Management (Planning), Simon Fraser University

Research focus on Ecosystem-based Management, North & Central Coast (BC); Collaborative planning, dispute resolution, public participation; Parallel governance structures with First Nations; BC Land & Resource Management Planning, policy process and analysis (completion December 2009. Final GPA: 4.03/4.33

Bachelor of Arts – Environmental Geography

Department of Geography, Simon Fraser University

Research focus on water resources & regional planning; Collaborative planning; Cariboo-Chilcotin (BC) Commission on Resources and Environment; GIS Cartography (completion April, 2007). Final GPA: 3.86/4.33

Associate Degree of Arts – Peace & Conflict

Department of Peace & Conflict Studies, Langara College

Research focus on conflict, dynamics of power and peace-building (completion April, 2005)

Certificate of Conflict Resolution (course completed)

Mediator Certificate Program, Justice Institute of British Columbia

Associate Degree of Arts – Tourism Management

School of Tourism Management, Vancouver Island University

Research focus on tourism and environment (completion August, 1994)

Project Work

Ecosystem-based Management Land Use Planning for First Nations in Coastal British Columbia

2008. *Rainforest Solutions Project, Turning Point Initiative*. Lead consultant for development of recommendations, planning tools and legal understanding to support Ecosystem-based Management planning for Traditional Territories in Coastal British Columbia.

Biodiversity Conservation in Metro Vancouver's Watersheds

2008. *Simon Fraser University, School of Resource and Environmental Management*. Research team leader for study of biodiversity conservation in the watersheds of Vancouver, British Columbia.

Estimating Natural Range of Forest Variability and Seral Stage Representation in Tatla Lake Conservation Areas

2007. *Nature Conservancy of Canada*. Research team member for GIS-based study using surrounding protected areas to estimate natural forest state as a baseline guide for conservation management in newly protected land.

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Professional Experience

Environmental Specialist (contract)

May 2015-present. *United Nations Food and Agriculture Organization*. Ecological modeling and economic assessment of ecosystem services provided by the Columbia River fish production system. Lead author, lead analyst, presentations to United Nations staff

Environmental Specialist (contract)

Jul. 2014-present. *Ernst and Young LLP*. Downstream benefits assessment for BC Government Columbia River Treaty Review. Fisheries modeling, economic valuation of Columbia Basin salmon populations, technical report writing, presentations to government

Instructor

Jan. 2014-Mar. 2015. *Simon Fraser University*. Development and delivery of 6 week PhD seminar in public policy analysis and theory

Researcher

May-Oct. 2010. *Adaptation to Climate Change Team*. Water and climate change adaptation policy: research & writing for transboundary water components of policy publications.

Teaching Assistant

Sept. 2010-Dec. 2010. *Simon Fraser University*. REM 641 – Law and Resources

Sept. 2010-Dec. 2010. *Simon Fraser University*. REM 644 – Public Policy Analysis and Administration

Sept. 2009-Apr. 2010. *Simon Fraser University*. REM 801 - Principles of Research Methods and Design in Resource and Environmental Management

Planning Consultant (contract)

Feb. 2007-2009. *Various*. Land use planning, GIS mapping, First Nations ecosystems-based management.

Planning Assistant

May-Aug. 2007. *Sunshine Coast Regional District*. Update of 1994 Roberts Creek Technical Background Report for use in Official Community Plan review. Technical writing, research and GIS.

Senior Administrator

2005-2006. *The Critical Thinking Consortium*. Non-profit organization dedicated to promoting critical thinking in schools across Canada, the United States, Hong Kong and India.

2003-2005. *The Vancouver Holocaust Education Centre*. Non-profit organization dedicated to eradicating racism through public education about genocide.

Administration/Human Resources Management (various)

1996-2003 – Progressive employment in the luxury hotel/travel industries and small business in the following roles: Manager, Administrator, Front Office Supervisor, Account Manager, Night Auditor, Marketing Coordinator, Accounts Receivable, Guest Services Representative, Tour Guide, Kayak Guide.

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Publications

Book review [Review of the book: Peace, parks and partnership: Global initiatives in transboundary conservation].

2015. Cedar Morton. Canadian Geographer (in press)

Engaging aboriginal populations in collaborative planning: an evaluation of a two-tiered collaborative planning model for land and resource management.

2012. Cedar Morton, Tom Gunton & Chadwick Day. Journal of Environmental Planning and Management 55(4).

URL: <http://www.tandfonline.com/doi/abs/10.1080/09640568.2011.613592>

Book review [Review of the book: Public participation and better environmental decisions – The promise and limits of participatory processes for the quality of environmentally related decision-making].

2010. Cedar Morton. Policy Sciences 44(2).

URL: <http://www.springerlink.com/content/v4jk36813v7k6761>

Evaluating Collaborative Planning: A Case Study of the Morice Land and Resources Management Plan

2009. Cedar Morton (Masters Thesis). Burnaby, BC: School of Resource and Environmental Management, SFU.

URL: <http://research.rem.sfu.ca/theses/CedarMorton.pdf>

Biodiversity Conservation in MetroVancouver's Watersheds

2008. Cedar Morton, Lana Cortese, Soudeh Jamshidian, Kendra Marr. Burnaby, BC: School of Resource and Environmental Management, SFU. (*Non-peer reviewed*)

Compiling, Registering and Improving Traditional Forest Management in Oak Forests of Northern Zagros: Havareh Khol Village – Kurdistan, Iran

2008. English version editor: Cedar Morton. Authors: Soudeh Jamshidian, Samira Salimi, Hedayat Ghazanfari. Tehran, Iran: Daumoon – Association of Young Conservationists (Iran)/UNDP-GEF/SGP (*Non-peer reviewed*)

Chapter 5: Lentic and Lotic Systems-Experiential Science 20

In review. Cedar Morton, Jolie Garies, Shannon Staples, Hanna Sander-Green and Bonnie Lo. Vancouver, BC: Pacific Education Press, UBC/Government of Northwest Territories

Globalization of Water Use, Food Production and Environmental Protection

2008. In *Globalizing connections: Canada and the developing world* by Jan Nicol, Colleen Jans and Cedar Morton. Vancouver, BC: The Critical Thinking Consortium & CIDA

Presentations & Workshops

Adapting International Water Agreements for Biodiversity Conservation: Is there an Economic Basis for Including Salmon Conservation in the Columbia River Treaty?

Poster presentation, June 2012. Pacific Institute for Climate Solutions, Climate Solutions: The Road Ahead

Climate Change Research Networks and the Columbia River Treaty Process

Poster presentation, September 2011. Simon Fraser University Sustainability Festival

Addressing Canadian Sovereignty in a Changing Arctic Sea

Policy Brief & presentation, March, 2009. Simon Fraser University

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Sea Level Rise: Converting Climate Change Science into Long Term Coastal Land Use Planning Strategies

Workshop & presentation, January 2009. Simon Fraser University

Aboriginal Legal Consent in Canadian Land Use Planning: Whose Consent Counts?

Presentation, November 2008. Simon Fraser University

British Columbia Environmental Management Act: Waste Management Provisions

Presentation, September 2008. Simon Fraser University

Land Use Planning for First Nations Using Best Elements and Ecosystem-based Management

Presentation, March 2008. Simon Fraser University; October 2008, Metlakatla First Nations

Biodiversity Conservation in MetroVancouver's Watersheds

Presentation, April 2008. MetroVancouver Offices

Volunteer Experience

Rivers Without Borders

2013-Present. Multi-media Cartographer for public information campaign about the impacts of BC mines on transboundary environments along the BC-Alaska border.

Simon Fraser University Water Research Group

2010-Present. School of Resource and Environmental Management (SFU). Co-chair/co-founder.

Institute for Asian Research (UBC)/United Nations Development Program

2009-2010. Member of core research and administrative team in charge of developing in-depth case studies and experiential learning tools for practitioners engaged in transboundary water governance and negotiation. This work was part of a United Nations Global Environmental Facility project entitled "Good practices and portfolio learning in GEF transboundary freshwater and marine legal and institutional frameworks."

British Columbia Water Act Modernization & Drought Response Workshops

2010. BC Ministry of Environment. Public participant.

Vancouver Island Water Watch Coalition

Jan.-Feb., 2010. Editor for 200+ page documentation of local water resources in the Alberni Valley called "Mapping Our Legacy - A Community Water Resources Reference Guide"

Planning Students Association

2007-2009. School of Resource & Environmental Management (SFU). Academic coordinator.

Canadian Water Resources Association

2006-2008. BC Students and Young Professionals (CWRA). Co-chair & treasurer of chapter and member at large.

Salt Spring Organization for Life and Development

2006. Fundraiser to support long-term community economic development in Kufunda Village, Zimbabwe.

Langara Wetlands Restoration Project

2003. Langara College. Research volunteer.

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Awards

- 2013 – Canada Pacific/Teck Resources Award for Environmental Innovation
- 2011 – Joseph Armand Bombardier Canada Graduate Scholarship, PhD (SSHRC)
- 2010 – Pacific Institute for Climate Solutions Graduate Fellowship, PhD
- 2009 – SFU PhD Graduate Fellowship
SFU PhD Entrance Fellowship
- 2008 – Silverhill Institute of Environmental Research and Conservation, Major Grant
- 2007 – Joseph Armand Bombardier Canada Graduate Scholarship, Masters (SSHRC)
SFU Masters Graduate Fellowship
- 2006 – SFU Undergraduate Open Scholarship
Vancouver Port Authority Scholarship
- 2005 – SFU Undergraduate Open Scholarship
SFU Alumni Scholarship
- 2004 – Hy Aisenstat Scholarship

Other Professional Affiliations, Training, Skills

Professional Affiliations:

- Canadian Institute of Planners, student member, 2008-2013
- Planning Institute of British Columbia, student member, 2008-2013
- International Network for Social Network Analysis, 2011-2013
- Canadian Water Resources Association, member, 2006-2012
- Toastmaster, Environmental Toastmasters, 2004

Technical Proficiencies:

- Qualitative Analysis Software: HyperRESEARCH
- Quantitative Analysis Software: R, UCINET, MSEXcel
- Cartography Software: ArcGIS, GDAL, QGIS, TileMill
- Web languages: HTML5, JSS, CSS
- Cartography (static mapping and multimedia cartography)
- Quantitative ecological modeling (biological, hydrological and economic applications)

Other Skills/Interests:

- Advanced Wilderness First-Aid/CPR, Slipstream, 2003
- Kayak Guide, 2003
- Crew, Sailboat *Viski* (Acapulco to San Diego), 2000
- Canadian Power Squadron, Safety & Navigation, 1999
- Deckhand, Salmon fishing, 1992
- Carpenter, 1989-1992