

REM 698 Reading Package

August 30 – September 2, 2010

This reading package provides background information on the sites and guest speakers we will visit during this year's REM 698 field trip. It is intended to help contextualize the resource management issues we will be exploring, as well as provide a basis for discussions with the presenters and other students. You are encouraged to do more research on topics that interest you.

DAY 1

Fraser River Fish Habitat Management Seminar - August 30 – 8:30-11:00

This seminar will take place with Dr. Laura Rempel (R.P. Bio, Research Scientist, DFO) who will speak about fisheries management issues in the Fraser River, specifically that of gravel mining and habitat restoration.

Readings:

Please read through the Fraser River Gravel Reach Studies project page:

<http://www.geog.ubc.ca/fraserriver/projelements.html>

Fisheries Management in BC: <http://www.dfo-mpo.gc.ca/fm-gp/index-eng.htm>

Parks and Wildlife Planning Seminar - August 31st - 12:30-15:00

This field stop at Golden Ears Park will be led by Tom Blackbird, North Fraser Area Supervisor for the BC Ministry of Environment. Tom has extensive experience in both protected area and wildlife planning in BC. His presentation will focus on different perspectives on the development of the BC Hydro dam, parks planning and management processes and their relationships to such as issues as migratory wildlife species and species at risk, as well as his experience as an Area Supervisor.

Readings:

Please review the information available on the following weblinks:

Readings from BC Parks website

http://www.env.gov.bc.ca/bcparks/facts/about_prk.html

Click on and read:

- About BC Parks
- Mission Statement and Mandate
- Summary of Park Designations
- Legislation
- History of BC Parks

BC Parks conservation management info: <http://www.env.gov.bc.ca/bcparks/conservation.html>

BC Hydro info: <http://www.bchydro.com/about/>
http://www.bchydro.com/planning_regulatory/

Golden Ears Provincial Park: http://www.env.gov.bc.ca/bcparks/explore/parkpgs/golden_ears/

DAY 2

Where are past Remmers now? Seminar– August 31st - 8:30-9:30

Dave and Brenda will discuss their experiences and career paths since graduating from REM as well as offer their perspectives on the trends and changes in resource management approaches in BC over their time as professionals in the field.

Dave Whiting's Bio-Sketch:

I entered the initial cohort of students in what is now the REM program in 1979 after 7 years of teaching high school in the Kootenays (what else did you do with a geography degree in 1971?). My career plan at the time was to work as a planner in the Provincial Park system (I was active in outdoor activities and was a founding member of MEC). I joined the Ministry of Lands Parks and Housing as a Land planner in 1981 in Ft St John. During government restraint program, I lost my job as a planner but remained employed as an agrologist doing operational Crown land planning as a Land Officer. I did this for 12 years in Ft St John and Kamloops. In the mid 90s, strategic planning came back in favour and I was a coordinator of the Okanagan-Shuswap LRMP. I evolved into being the Planning and Assessment manager for MoE, Southern Interior Region. Government continued to evolve and I finished my career with government as the program manager for the Interagency Management Committee. For the past five years since retirement I have taught natural resource policy and planning, tourism and land use, and agricultural science at TRU. I am currently working as a consulting agrologist and planner with an interest in agricultural and food system planning and in community mapping.

Brenda Hartley's Bio-Sketch:

Brenda Hartley, P.Ag., has a B.Sc. from the University of Victoria, and a MRM from Simon Fraser University, graduating from REM in 1996. She has extensive experience planning on private and Crown land, working for the Regional District of Fraser-Cheam (now RD Fraser Valley), the Ministry of Tourism, Small Business and Culture, the Ministry of Sustainable Resource Management, and the Integrated Resource Management. Currently, she is the Inter-Agency Management Committee (IAMC) Manager, championing regional coordination between the natural resource ministries for the Southern Interior Region. For the last 2 years, Brenda played a pivotal role in developing a new approach to strategic engagement with First Nations, and is leading engagements with the Shuswap Nation Tribal Council, the Okanogan Nation Alliance and the Ktunaxa Nation Council. She now works with Integrated Land Management Bureau in Kamloops, B.C. which manages crown land and its natural resources.

Reading:

Please review the ILMB website:

About ILMB: <http://ilmbwww.gov.bc.ca/about.html>

What is Strategic Land and Resource Planning: <http://ilmbwww.gov.bc.ca/slrp/whatis.html>

Sustainable Forestry and TEK Seminar – August 31st - 10:15 -13:00

At this field stop Mike Anderson will discuss the use of traditional ecological knowledge in the management of his Southern Interior BC woodlot. Key management principles he will discuss include: maximizing employment through labour intensive harvesting; maximizing financial returns to the local community; maintaining fully functioning riparian ecosystems; and maintaining biodiversity. REM topics covered include forest ecology, co-management and First Nations participation in resource management, fisheries management, and sustainable planning.

Reading:

Please read the attached PDF article - 'Forest Management in BC'

The stop will be mainly focused on interior forest management. For personal interest, you can read this piece on coastal forests: http://www.sierraclub.bc.ca/quick-links/publications/CoastForestReport2009_email.pdf

Keatley Creek Archaeological Site - August 31st - 15:30- 18:00

We will be visiting Keatley Creek Archaeological Site where we will meet Arthur Adolph from the Upper Sta'at'imc Language, Culture, and Education Society. Along with providing a tour, Art will discuss Stl'atl'imx philosophy and principles and their application to land and resource management.

Readings:

Please review the Sta'at'imc Tribal council website: <http://www.statimc.net/>

Pay particular attention to the information regarding the Sta'at'imc Land and Resource Authority (S.L.R.A)

Please read the attached PDF: Bridge Between Nations- A History of First Nations in the Fraser River Basin.

DAY 3

Whistler sustainability and resort planning, bear-human conflict aversion – September 1st – 10:30 -13:00

Arthur Dejong will take us up to the peak of Whistler/ Blackcomb where we will go on a short hike into the alpine. Arthur will talk to us about sustainability and resort planning. He will discuss the planning principles and management approaches that have led to this resort community's development as a premier tourism destination and mountain community. Past

Remmer, Mary Von der Porten will join us and speak about bear-human conflict in the resort municipality. We will also have the chance to ride the Peak-to Peak Gondola,

Readings:

Please review the following web pages for background material on these sessions:

Whistler Municipality 'Whistler 2020' initiative:

http://www.whistler.ca/content/view/308/index.php?option=com_content&task=view&id=154&Itemid=203

Bear management in the Resort Municipality of Whistler:

http://www.whistler.ca/index.php?option=com_content&task=view&id=267&Itemid=329

this article by the UK Telegraph is optional:

<http://www.telegraph.co.uk/earth/wildlife/3344502/The-conservation-of-Whistlers-black-bears.html>

Whistler/Blackcomb environmental initiatives:

<http://www.whistlerblackcomb.com/mountain/environment/index.htm>

Please pay particular attention to the 'Sustainability' tab

Run of River Power – Brandywine Creek – Sept. 1st – 13:30-16:30

On this field stop, we will tour an independent run-of-river hydro power project and learn about related management issues linked to intake structures, penstocks, powerhouses, and transmission grids. Our guide will also discuss green energy, water management, and wildlife management issues related to project, as well as independent power projects (IPP) and their place in the future of energy production in BC.

Readings:

Run of River Power Inc. Website: www.runofriverpower.com/

Information on Run of Power Inc.'s Brandywine Creek project:

<http://www.runofriverpower.com/id/14>

Map of private power projects in BC: <http://www.ippwatch.info/w/>

Important context to this debate can be attained through reviewing BC's energy plan:

<http://www.energyplan.gov.bc.ca/>

Micro hydro generation (run of the river) and the privatization of BC's river system is presently a very contentious issue in BC. For some insights into this debate, please review the following:

For some more information on ROR projects in BC, please look at the BC Creek Protection website: <http://www.bc-creeks.org/>

Also, watch the video "Power play: the theft of BC's Rivers"

<http://ashlu.info/video/bcrivers.html>

And for the other side of the story (maybe a more balanced view) please read the attached article: ‘Deconstructing Hydro’ by Dr. Mark Jaccard. This article is somewhat outdated but gives a good rebuttal to the “Power Play” video.

The following is optional (but interesting) reading:

Read the article ‘Run of river power projects concealed by a green curtain’ by Craig Orr
<http://www.canada.com/vancouver/news/editorial/story.html?id=15454928-8b87-48cc-ba29-fc0e98aba37e>

And, the response to Craig Orr’s article by Steve Davis of the Independent Power Producers of BC called ‘Run of river projects reduce need to import brown electricity’
http://www.ippbc.com/EN/teasers/run_of_river_projects_reduce_need_to_import_brown_electricity/

DAY 4

Britannia Mine Tour – Sept. 2nd – 9:30- 12:00

We will visit the Britannia Mine site and get a tour of both the mine itself as well as the Epcor Water Treatment Plant. The first half of the tour will include a train through the tunnels and a discussion of the history of the mine and surrounding community. The second half of the tour will address the issue of mine effluent management.

Please visit the following website to get an overview of the Museum and its history:
<http://www.bcmuseumofmining.org/history/index.html>

Please read the attached PDF: Meech, J. et al., 2006