

UPDATE

FORREX Announces Name Change

FORREX Forest Research Extension Partnership is a brand trusted in British Columbia and beyond to provide objective knowledge-based information and services to support sustainable natural resource management decisions. While the Society's constitution describes the natural resource context, and research, development, extension, and information management as the main service areas, the name led people to believe FORREX only served the forestry sector, and only in extension. While this sector is a priority focus, and extension services are a mainstay of the organization, FORREX wants to communicate our full mandate and expand services to meet the needs of the broader natural resource community. So a name change is in order. Welcome FORREX Forum for Research and Extension in Natural Resources Society (still FORREX for short).

Recent FORREX Publications

Compendium of Forest Hydrology and Geomorphology in BC

Chapter 3: Weather and Climate by R.D. Moore, D.L. Spittlehouse, P.H. Whitfield, and K. Stahl.

http://www.forrex.org/program/water/PDFs/Compendium/Compendium_Chapter03.pdf

Chapter 15: Watershed Measurement Methods and Data Limitations by M. Weiler, R. Pike, D. Spittlehouse, R. Winkler, D. Carlyle-Moses, G. Jost, D. Hutchinson, S. Hamilton, P. Marquis, E. Quilty, R.D. Moore, J. Richardson, P. Jordan, D. Hogan, P. Teti, and N. Coops.

http://www.forrex.org/program/water/PDFs/Compendium/Compendium_Chapter15.pdf

BC Journal of Ecosystems and Management

Blackstock, M.D. 2008. Blue ecology and climate change. *BC Journal of Ecosystems and Management* 9(1):12–16.

http://www.forrex.org/publications/jem/ISS47/vol9_no1_art2.pdf

Bourgeois, W.W. 2008. Ecosystem-based management: Its application to forest management in British Columbia. *BC Journal of Ecosystems and Management* 9(1):1–11.

http://www.forrex.org/publications/jem/ISS47/vol9_no1_art1.pdf

Lyons, C.K. and K. Day. 2008. Biodegradable roads. *BC Journal of Ecosystems and Management* 9(1):54–56.

http://www.forrex.org/publications/jem/ISS47/vol9_no1_art7.pdf

Shrimpton, J.M., C.J. Cena, and A.D. Clarke. 2008. Response of bull trout (*Salvelinus confluentus*) to habitat reconnection through replacement of hanging culverts with bridges. *BC Journal of Ecosystems and Management* 9(1):71–79.

http://www.forrex.org/publications/jem/ISS47/vol9_no1_art9.pdf

Smith, R.S., R.A. Scherer, and D.A. Dobson. 2008. Snow cover extent during spring snowmelt in the south-central interior of British Columbia. *BC Journal of Ecosystems and Management* 9(1):57–70.

http://www.forrex.org/publications/jem/ISS47/vol9_no1_art8.pdf

Announcements

Living Water Smart is the BC government's vision and plan to keep our water healthy and secure for the future. Through this plan, the BC government commits to new actions and targets — and builds on existing efforts to protect and keep our water safe. For more information, see

<http://www.livingwatersmart.ca/>

Upcoming Events

River Restoration Northwest February 3–5, 2009, Stevenson, Washington

This conference focusses on stream restoration questions of concern to project planners, designers, engineers, biologists, hydrologists, geomorphologists, regulators, and land managers. The symposium will focus on a multi-disciplinary approach to stream restoration design, hence a broad range of speakers and topics are encouraged. Confirmed invited speakers include Mary Power (UC Berkeley) and Karen Campbell (National Center for Earth Surface Dynamics), with short courses on FishXing and on small dam removal. The conference announcement and call for abstracts are posted at

<http://www.rnnw.org/wb/>

Recent BC Ministry of Forests and Range Publications

Pike, R.G., D.L. Spittlehouse, K.E. Bennett, V.N. Egginton, P.J. Tschaplinski, T. Murdock, and A.T. Werner. 2008. A summary of climate change effects on watershed hydrology. B.C. Ministry of Forests and Range, Research Branch, Victoria, B.C. Extension Note 87.

<http://www.for.gov.bc.ca/hfd/pubs/Docs/En/En87.pdf>

Winkler, R., J. Rex, P. Teti, D. Maloney, and T. Redding. 2008. Mountain pine beetle, forest practices, and watershed management. B.C. Ministry of Forests and Range, Victoria, B.C. Extension Note No. 88.

<http://www.for.gov.bc.ca/hfd/pubs/Docs/En/En88.pdf>

Recent USDA Forest Service Publications

Grant, G. *et al.* 2008. Effects of forest practices on peak flows and consequent channel response: A state-of-science report for western Oregon and Washington. U.S. Department of Agriculture Forest Service, Pacific Northwest Research Station, Portland, Ore. General Technical Report PNW-GTR-760. 76 p.

http://www.fs.fed.us/pnw/pubs/pnw_gtr760.pdf

Robichaud, P.R. *et al.* 2008. New procedure for sampling infiltration to assess post-fire soil water repellency. U.S. Department of Agriculture Forest Service, Rocky Mountain Research Station, Fort Collins, Colo. Research Note RMRS-RN-33. 14 p.

http://www.fs.fed.us/rm/pubs/rmrs_rn033.pdf

Kochenderfer, J.N. *et al.* 2008. Factors affecting large peakflows on Appalachian watersheds: Lessons from the Fernow Experimental Forest. U.S. Department of Agriculture Forest Service, Northern Research Station, Newtown Square, Penn. Research Paper NRS-3. 24 p.

http://nrs.fs.fed.us/pubs/rp/rp_nrs3.pdf

Recent Journal Articles of Interest

Chen, W. and X. Wei. 2008. Assessing the relations between aquatic habitat indicators and forest harvesting at the watershed scale in the interior of British Columbia. *Forest Ecology and Management* 256:152–160.

Chen, X. *et al.* 2008. Effects of large woody debris on surface structure and aquatic habitat in forested streams, Southern Interior British Columbia, Canada. *River Research and Applications* 24:862–875.

Clarke, S.E. *et al.* 2008. Modeling streams and hydrogeomorphic attributes in Oregon from digital and field data. *Journal of the American Water Resources Association* 44:459–477.

Decker, A.S. *et al.* 2008. Rate of biotic colonization following flow restoration below a diversion dam in the Bridge River, British Columbia. *River Research and Applications* 24:876–883.

Essery, R. *et al.* 2008. Modelling longwave radiation to snow beneath forest canopies using hemispherical photography or linear regression. *Hydrological Processes* 22:2788–2800.

Kovanen, D.J. and O. Slaymaker. 2008. The morphometric and stratigraphic framework for estimates of debris flow incidence in the North Cascades foothills, Washington State, USA. *Geomorphology* 99:224–245.

Kroll, A.J. *et al.* 2008. Factors influencing stream occupancy and detection probability parameters of stream-associated amphibians in commercial forests of Oregon and Washington, USA. *Forest Ecology and Management* 255:3726–3735.

Mazurkiewicz, A. *et al.* 2008. Assessing the controls of the snow energy balance and water available for runoff in a rain-on-snow environment. *Journal of Hydrology* 354:1–14.

Nordin, R.N. *et al.* 2007. Ion export from a small British Columbia watershed after forest harvesting. *Water Quality Research Journal of Canada* 42:138–152.

Stamm, C. *et al.* 2008. Spatial and temporal patterns of pharmaceuticals in the aquatic environment: A review. *Geography Compass* 2:920–955.