

Columbia River Basin Literacy

[Note that Richard White's: *The Organic Machine* should be your number 1 read on this list – providing a historical context for much of the rest. I have put an * by the ones I strongly recommend to all – the rest -- pick and choose as the title strikes you.]

Ambrose, Stephen. 1997. *Undaunted Courage: Meriwether Lewis, Thomas Jefferson, and the Opening of the American West*. Simon and Schuster.

Blumm, M. C. 2002. *Sacrificing the salmon: a legal and policy history of the decline of Columbia basin salmon*. BookWorld Publications, Den Bosch, The Netherlands.

Brooks, Karl Boyd. 2006. *Public Power, Private Dams: The Hell's Canyon High Dam Controversy*, University of Washington Press.

Bottom, D., K. Jones, C. Simenstad, and C. Smith, eds. 2009. Pathways to resilient salmon ecosystems. *Ecology and Society* 14(1):34 <http://www.ecologyandsociety.org/issues/view.php?sf=34>.

British Columbia, Columbia River Treaty Review, B.C. Decision, March 2014, http://blog.gov.bc.ca/columbiarivertreaty/files/2012/03/BC_Decision_on_Columbia_River_Treaty.pdf.

Cail, R. 1974. *Land, Man and the Law: The Disposal of Crown Lands in British Columbia, 1871–1913*. Vancouver: University of British Columbia Press

Columbia Basin Tribes and First Nations. 2015 Fish Passage and Reintroduction into the U.S. & Canadian Upper Columbia Basin, http://www.ucut.org/Fish_Passage_and_Reintroduction_into_the_US_And_Canadian_Upper_Columbia_River3.pdf.

* Columbia River Inter-Tribal Fish Commission. 1995 (updated 2014). *Spirit of the Salmon: Tribal Restoration Plan*. <http://plan.critfc.org/vol-1/>.

Cosens, B., A. Fremier, N. Bankes and J. Abatzoglou. 2016. The Columbia River Treaty and the Dynamics of Transboundary Water Negotiations in a Changing Environment: How Might Climate Change Alter the Game? Chapter 10 in *Water Policy and Planning in a Variable and Changing Climate*. K. Miller, A. Hamlet, D. Kenny and K. Redmond eds. (CRC Press).

Cosens, B., and Fremier, A. 2014. Assessing System Resilience and Ecosystem Services in Large River Basins: a Case Study of the Columbia River Basin, 51 *Natural Resources and Environmental Law Edition of the Idaho Law Review* 91. [not one of my favorites – but the book version is much improved! – just not out yet]

Cosens, editor. 2012. *The Columbia River Treaty revisited: transboundary river governance in the face of uncertainty*. Oregon State University Press, Corvallis, Oregon, USA. [From this I would particularly recommend the following chapters:

Cosens, B. Changes in empowerment: Rising voices in Columbia basin resource management.

Hirt, P. W., and A. M. Sowards. The past and future of the Columbia River. [history]

Mouat, M. The Columbia exchange: a Canadian perspective on the negotiation of the Columbia River Treaty. [history]

Pearson, M.L. 2012. The river people and the importance of salmon.

Peery, C. The effects of dams and flow management on Columbia River ecosystem processes
* Shurts, J. Rethinking the Columbia River Treaty. [a must read to understand modern international management]

Cosens, B. 2010. *Transboundary River Governance in the Face of Uncertainty: Resilience Theory and the Columbia River Treaty*, 30 University of Utah Journal of Land Resources, and Environmental Law 229. [this is my first “resilience” paper, but probably my most complete piece on the Columbia River and Resilience]

Dietrich, W. 1996. Northwest Passage: The Great Columbia River. University of Washington Press ISBN 0295975466.

* Fiege, Mark. 1999. Irrigated Eden: The Making of an Agricultural Landscape in the American West, University of Washington Press, [about the agricultural development of the Snake River Plain]

Goble and P.W. Hirt, eds. *Northwest Lands, Northwest Peoples: Readings in Environmental History*. Seattle: University of Washington Press.

Hamlet, A. F. 2003. The role of transboundary agreements in the Columbia River basin: an integrated assessment in the context of historic development, climate, and evolving water policy. Pages 263-289 in H. F. Diaz and B. J. Morehouse, editors. *Climate and water: transboundary challenges in the Americas*. Kluwer, Dordrecht, The Netherlands.

Hamlet, A.F., S.Y. Lee, K.E.B. Mickelson, and M.M. Elsner. 2010. Effects of projected climate change on energy supply and demand in the Pacific Northwest and Washington State. *Climate Change* 102:103–128.

*Hardin, B. 1997. A River Lost: The Life and Death of the Columbia. W. W. Norton & Company. ISBN 0393316904 .

Harrison, J. 2012. Northwest Power and Conservation Council, Hatcheries. <http://www.nwcouncil.org/history/hatcheries>

Healey, M. C. 2009. Resilient salmon, resilient fisheries for British Columbia, Canada. *Ecology and Society* 14(1): 2. [online] URL: <http://www.ecologyandsociety.org/vol14/iss1/art2/>.

Hirt, P. W. 2008. Developing a plentiful resource: transboundary rivers in the Pacific Northwest. Pages 147-188 in J. M. Whiteley, H. Ingram, and R. Perry, editors. *Water, place, and equity*. MIT Press, Cambridge, Massachusetts, USA.

Independent Scientific Group. 1996. *Return to the river: restoration of salmonid fishes in the Columbia River ecosystem: development of an alternative conceptual foundation and review and synthesis of science underlying the fish and wildlife program of the Northwest Power Planning Council*. Northwest Power and Conservation Council, Portland, Oregon, USA. [online] URL: <http://www.nwcouncil.org/library/1996/96-6/default.htm>

* Josephy, Alvin M. Jr. 1965. The Nez Perce Indians and the Opening of the Northwest. [When I arrived at UI, I spent my first summer traveling the state. I bought this at the Nez Perce historical museum and

it was an amazing education having grown up in California and therefore having California/Mexico history in grade school.]

Klos, P.Z., T.E. Link, and J.T. Abatzoglou. 2014. Extent of the rain–snow transition zone in the western U.S. under historic and projected climate. *Geophysical Research Letters*. 41, doi:10.1002/2014GL060500.

Landeen, D., and A. Pinkham. 2008. *Salmon and his people: fish and fishing in Nez Perce culture*. Confluence Press, Lewiston, Idaho, USA.

Lee, K. N., and J. Lawrence. 1986. Adaptive management: learning from the Columbia River basin fish and wildlife program. *Environmental Law* 16:431-460.

Lee, K. N. 1994. *Compass and Gyroscope: Integrating Science And Politics For The Environment*. Island Press. ISBN 1559631988

Luce, C.H., J.T. Abatzoglou, and Z.A. Holden. 2013. The missing mountain water: Slower westerlies decrease orographic enhancement in the Pacific Northwest USA. *Science* doi: 10.1126/science.1242335.

Montgomery, D. R. 2004. *King of Fish: The Thousand-Year Run of Salmon*. Basic Books. ISBN 0813342996.

Mote, P., A. Hamlet, M.P. Clark, and D.P. Lettenmaier. 2005. Declining mountain snowpack in Western North America. *Bulletin American Meteorological Society* 86:39–49.

* Moulten, Gary ed. *The Journals of the Lewis & Clark Expedition*, UNL: <https://lewisandclarkjournals.unl.edu/> [either this or the book by Ambrose]

Pacific Northwest Electric Power Planning and Conservation Act, (Northwest Power Act), Pub. L. No. 96-501, 94 Stat. 2697.

Ruckelshaus Center. 2013. *Columbia River Basin Salmon and Steelhead: Long-Term Recovery Situation Assessment*. <http://ruckelshauscenter.wsu.edu/wp-content/uploads/2013/06/ColumbiaRiverBasinSalmonandSteelheadLong-TermRecoverySituationAssessment-FinalReport.pdf>

Stewart, I.T., D.R. Cayan, and M.D. Dettinger. 2005. Changes toward earlier streamflow timing across Western North America. *J. Climate* 18:1136–1155.

Treaty between the United States of America and the Nez Perce Indians, art. III, June 11, 1855 12 Stat. 957. [During 1854 and 1855, Stevens negotiated treaties with 11 northwest tribes.]

* *United States v. Washington (Boldt Decision)*, 384 F. Supp. 312, 330 (W. D. Wash. 1974) *aff;d* 525 F.2d. 676 (9th Cir. 1975), *cert. denied*, 423 U.S. 1086 (1975)

US Army Corps of Engineers and Bonneville Power Admin., *Columbia River Treaty: 2012/2024 Review: Phase 1 Technical Studies* (Apr. 2009), https://www.bpa.gov/corporate/pubs/Columbia_River_Treaty_Review__2_-_April_2009.pdf.

US Army Corps of Engineers and Bonneville Power Administration, *Columbia River Treaty 2014/2024 Review, Regional Recommendation*, December 13, 2013, <http://www.crt2014-2024review.gov/RegionalDraft.aspx>.

USBR, Grand Coulee Dam, Overview. https://www.usbr.gov/projects/Facility.jsp?fac_Name=Grand+Coulee+Dam.

USBR, History: Reclamation: Managing Water in the West. <http://www.usbr.gov/history/>.

Volkman, J. M., and W. E. McConnaha. 1993. Through a glass, darkly: Columbia River salmon, the Endangered Species Act, and adaptive management. *Environmental Law* 23:1249-1272.

Waples, R. S., T. Beechie, and G. R. Press. 2009. Evolutionary history, habitat disturbance regimes, and anthropogenic changes: What do these mean for resilience of Pacific salmon populations? *Ecology and Society* 14(1): 3. [online] URL: <http://www.ecologyandsociety.org/vol14/iss1/art3/>.

Westerling, A.L., H.G. Hidalgo, D.R. Cayan, and T.W. Swetnam. 2006: Warming and earlier spring increases western U.S. forest wildfire activity. *Science* 313:940–943. doi:10.1126/science.1128834.

* White, R. 1995. *The organic machine: The remaking of the Columbia River*. Hill and Wang, New York, New York, USA.