

## INTRODUCTION

IWRS Agency Advisory Group.

[http://www.wrd.state.or.us/owrd/law/docs/iwrs/01\\_29\\_10\\_briefer.pdf](http://www.wrd.state.or.us/owrd/law/docs/iwrs/01_29_10_briefer.pdf)

IWRS Policy Advisory Group.

[http://www.wrd.state.or.us/owrd/law/docs/iwrs/01\\_29\\_10\\_briefer.pdf](http://www.wrd.state.or.us/owrd/law/docs/iwrs/01_29_10_briefer.pdf)

IWRS Project Team.

[http://www.wrd.state.or.us/owrd/law/docs/iwrs/10\\_14\\_2009\\_briefer.pdf](http://www.wrd.state.or.us/owrd/law/docs/iwrs/10_14_2009_briefer.pdf)

Oregon Revised Statutes § 536.220.

<http://www.leg.state.or.us/ors/536.html>

## CHAPTER 1: UNDERSTAND WATER RESOURCES TODAY

### **Critical Issue: Further Understand Limited Water Supplies and Systems**

Cuenca R., Oregon State University, Oregon Crop Water Use and Irrigation Requirements, 184p., (Original 1992, Reprinted March 1999). <http://extension.oregonstate.edu/catalog/pdf/em/em8530.pdf>

Oregon Department of Environmental Quality, 2004 Oregon Water Quality Assessment Section 305(b) Report. 55p.

<http://www.deq.state.or.us/wq/pubs/reports/wqa305brpt2004.pdf>

Oregon Department of Environmental Quality, Groundwater Quality Protection in Oregon. 24p. (2011).

<http://www.deq.state.or.us/wq/pubs/reports/2011GWReport.pdf>

Oregon Department of Environmental Quality, Monitoring Groundwater Quality at Oregon DEQ.

<http://www.deq.state.or.us/lab/wqm/groundwater.htm>

Oregon Department of Fish and Wildlife, 2005 Oregon Native Fish Status Report.

<http://www.dfw.state.or.us/fish/ONFSR/report.asp#documents>

Oregon Department of Fish and Wildlife, Threatened, Endangered, and Candidate Fish and Wildlife Species in Oregon,

[http://www.dfw.state.or.us/wildlife/diversity/species/docs/Threatened\\_and\\_Endangered\\_Species.pdf](http://www.dfw.state.or.us/wildlife/diversity/species/docs/Threatened_and_Endangered_Species.pdf)

Oregon Water Resources Department, Water Availability Report.

<http://www.wrd.state.or.us/owrd/sw/docs/sw02-002.pdf>

Oregon Water Resources Department & U.S. Geological Survey Deschutes Basin Groundwater Study.

[http://or.water.usgs.gov/projs\\_dir/deschutes\\_gw/](http://or.water.usgs.gov/projs_dir/deschutes_gw/)

Pagano, Tom. Climate Change, Water Management, and Portland (Presentation),

Prism Climate Group.

<http://www.prism.oregonstate.edu>

U.S. Geological Survey, Groundwater and Surface Water: A Single Resource. USGS Circular 1139. (1998).

<http://pubs.usgs.gov/circ/circ1139/pdf/circ1139.pdf>

### **Critical Issue: Further Understand Our Water Management Institutions**

Endangered Species Act.

<http://www.nmfs.noaa.gov/pr/laws/esa/text.htm>

Environmental Protection Agency Safe Drinking Water Act.

<http://water.epa.gov/lawsregs/rulesregs/sdwa/index.cfm>

Environmental Protection Agency Summary of Clean Water Act.

<http://www.epa.gov/lawsregs/laws/cwa.html>

Hoppe, Brenda O., Anna K. Harding, Jennifer Staab & Marina Counter, Private Well Testing in Oregon from Real Estate Transactions: An Innovative Approach Toward a State-Based Surveillance Program. Public Health Reports 2011 Jan-Feb; 126(1); 107-115. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3001807/>

Oregon Agricultural Water Quality Management Program.

[http://www.oregon.gov/ODA/NRD/Pages/water\\_quality\\_front.aspx](http://www.oregon.gov/ODA/NRD/Pages/water_quality_front.aspx)

Oregon Department of Environmental Quality, Groundwater Protection Program.

<http://www.deq.state.or.us/wq/groundwater/agencies.htm>

Oregon Department of Fish and Wildlife, Fish Screening Program.

<http://www.dfw.state.or.us/fish/screening/index.asp>

Oregon Department of Fish and Wildlife, Oregon Guidelines for Timing of In-Water Work to Protect Fish and Wildlife Resources. (2008).

[http://www.dfw.state.or.us/lands/inwater/Oregon\\_Guidelines\\_for\\_Timing\\_of\\_%20InWater\\_Work2008.pdf](http://www.dfw.state.or.us/lands/inwater/Oregon_Guidelines_for_Timing_of_%20InWater_Work2008.pdf)

Oregon Department of State Lands, An Introduction to Water-Related Permits and Reviews Issued by Oregon State Agencies. (2008). [http://www.oregon.gov/DSL/PERMITS/swrp\\_userguide12\\_06.shtml](http://www.oregon.gov/DSL/PERMITS/swrp_userguide12_06.shtml)

Oregon Forest Practices Act.

<http://www.oregon.gov/ODF/privateforests/fpaKeys.shtml>

Oregon Instream Water Rights Act.

[http://www.oregon.gov/OWRD/mgmt\\_instream.shtml](http://www.oregon.gov/OWRD/mgmt_instream.shtml)

Oregon Parks and Recreation Department, Scenic Waterways Program.

<http://www.oregon.gov/OPRD/RULES/waterways.shtml>

Oregon Water Resources Department, Aqua Book.

<http://www.wrd.state.or.us/owrd/pages/pubs/aquabook.aspx>

### **Critical Issue: Water Quantity and Water Quality Information**

Oregon Department of Environmental Quality, Fact Sheet: DEQ's Water Quality Program. (July 2009).

<http://www.deq.state.or.us/wq/pubs/factsheets/programinfo/09WQ022WQProgram.pdf>

Oregon Department of Environmental Quality, Fact Sheet: Water Quality Monitoring Programs at Oregon DEQ. (August 2008). <http://www.deq.state.or.us/lab/wqm/docs/08-LAB-007.pdf>

Oregon Department of Environmental Quality, Underground Injection Control Program.

<http://www.deq.state.or.us/wq/uic/uic.htm>

Oregon Department of Fish and Wildlife, Conservation and Recovery Plans.

[http://www.dfw.state.or.us/fish/CRP/conservation\\_recovery\\_plans.asp](http://www.dfw.state.or.us/fish/CRP/conservation_recovery_plans.asp)

Oregon Department of Fish and Wildlife, Oregon Conservation Strategy. (2006).  
[http://www.dfw.state.or.us/conservationstrategy/read\\_the\\_strategy.asp](http://www.dfw.state.or.us/conservationstrategy/read_the_strategy.asp)

Oregon Department of Geology and Mineral Industries, Lidar Data.  
<http://www.oregongeology.org/sub/lidardataviewer/index.htm>

Oregon Department of State Lands, Oregon Wetland Conservation Strategy: Issue Analysis, Public Discussions & Recommendations. (1995). [http://www.oregonstatelands.us/DSL/WETLAND/docs/wet\\_cons\\_strat.pdf](http://www.oregonstatelands.us/DSL/WETLAND/docs/wet_cons_strat.pdf)

Oregon Water Resources Department, Exempt Use Well Recording.  
[http://www.wrd.state.or.us/owrd/pages/exempt\\_use\\_788\\_info.aspx](http://www.wrd.state.or.us/owrd/pages/exempt_use_788_info.aspx)

Oregon Water Resources Department, Fact Sheet: Stream Gaging in Oregon, Surface Water Data Collection. (2009).  
[http://www.wrd.state.or.us/OWRD/SW/docs/streamgage\\_info.pdf](http://www.wrd.state.or.us/OWRD/SW/docs/streamgage_info.pdf)

Oregon Water Resources Department, Water Level Data and Hydrographs for Observation Wells.  
[http://www.oregon.gov/owrd/pages/gw/well\\_data.aspx](http://www.oregon.gov/owrd/pages/gw/well_data.aspx)

Oregon Watershed Enhancement Board, Oregon Watershed Restoration Inventory.  
<http://www.oregon.gov/oweb/monitor/owri.shtml>

## CHAPTER 2: UNDERSTAND INSTREAM AND OUT-OF-STREAM NEEDS

### **Critical Issue: Further Define Our Out-of-Stream Needs/Demands**

Business Oregon (formerly OECD), Manufacturing Employment in Oregon. (March 2009).  
<http://www.oregon4biz.com/assets/docs/mfg.pdf>

Ceres Aqua Gauge.  
<http://www.ceres.org/resources/reports/aqua-gauge>

Eagan, C., Urban Oregon Dominates the State's Manufacturing Employment, Oregon Employment Department. (August 2011).

HDR Engineering, Inc., Statewide Water Needs Assessment, Oregon Water Supply and Conservation Initiative. Prepared for the Oregon Water Resources Department. (September 2008).  
[www.wrd.state.or.us/OWRD/LAW/docs/owsci/OWRD\\_Demand\\_Assessment\\_Report\\_Final\\_September\\_2008.pdf](http://www.wrd.state.or.us/OWRD/LAW/docs/owsci/OWRD_Demand_Assessment_Report_Final_September_2008.pdf)

Infrastructure Finance Authority, Site on Oregon's Key Growth Industries.  
<http://www.oregon4biz.com/The-Oregon-Advantage/Industry/>

Oregon Board of Agriculture. State of Oregon Agriculture Industry Report. (2011).  
[http://www.oregon.gov/ODA/docs/pdf/bd\\_rpt.pdf](http://www.oregon.gov/ODA/docs/pdf/bd_rpt.pdf)

Oregon Business Plan, Food Processing.  
<http://www.oregonbusinessplan.org/Industry-Clusters/About-Oregons-Industry-Clusters/Food-Processing.aspx>

Oregon Department of Administrative Services, Office of Economic Analysis. Forecasts of Oregon's County Populations and Components of Change, 2000 – 2040. (2004).  
[http://www.oregon.gov/DAS/OEA/docs/demographic/pop\\_components.xls](http://www.oregon.gov/DAS/OEA/docs/demographic/pop_components.xls)

Oregon Department of Administrative Services, Office of Economic Analysis. Oregon's Demographic Trends. (2010).  
[http://www.oregon.gov/DAS/OEA/docs/demographic/OR\\_pop\\_trend2010.pdf?ga=t](http://www.oregon.gov/DAS/OEA/docs/demographic/OR_pop_trend2010.pdf?ga=t)

Oregon Department of Agriculture, Oregon Agriculture Facts and Figures.  
[http://www.nass.usda.gov/Statistics\\_by\\_State/Oregon/Publications/facts\\_and\\_figures/facts\\_and\\_figures.pdf](http://www.nass.usda.gov/Statistics_by_State/Oregon/Publications/facts_and_figures/facts_and_figures.pdf)

Oregon State University Extension, Oregon Agriculture and the Economy. (February 2011).  
<http://ruralstudies.oregonstate.edu/sites/default/files/pub/pdf/OregonAgEconomyAnUpdate.pdf>

Oregon Water Resources Department, Adjudication Website.  
<http://www.wrd.state.or.us/owrd/Pages/adj/index.aspx>

Oregon Water Resources Department, Strategic Measurement Plan. (March 2007).  
[http://www1.wrd.state.or.us/pdfs/reports/Priority\\_WAB\\_Report03-2007.pdf](http://www1.wrd.state.or.us/pdfs/reports/Priority_WAB_Report03-2007.pdf)

Oregon Water Resources Department, Surface Water Right Application Guidebook. (February 2012).  
[http://www.oregon.gov/owrd/pubs/docs/forms/surfacewaterbook\\_updated\\_02\\_1\\_2012.pdf](http://www.oregon.gov/owrd/pubs/docs/forms/surfacewaterbook_updated_02_1_2012.pdf)

Oregon Water Resources Department, Water Use Reporting.  
[http://www.wrd.state.or.us/owrd/pages/wr/water\\_use\\_report.aspx](http://www.wrd.state.or.us/owrd/pages/wr/water_use_report.aspx)

U.S Geological Survey and U.S. Dept of the Interior., Estimated Use of Water in the United States in 2005, Circular 1344. <http://pubs.usgs.gov/circ/1344/>

**Essay: Long Term Water Demand Forecasting Helps Estimate Oregon's Future Water Needs**

Hanemann, W., The Economic Conception of Water. Working Paper No. 1005. Department of Agricultural and Resource Economics and Policy. University of California at Berkeley. (2005).

Jurjevich, J., A Pivot Point? Economic Slow-down affects Oregon's Migration Flows. Portland State University, Population Research Center. (2011).  
<http://mkn.research.pdx.edu/2011/05/%20slow-economy-tempered-oregon-population-growth-over-decade/>

Zilberman, D., T. Sproul, D. Rajagopal, S. Sexton & P. Hellegers. Rising Energy Prices and the Economics of Water in Agriculture. Water Policy 10 Supplement 1. 11-21, (2008).

**Critical Issue: Further Define Instream Needs/Demands**

American Sportfishing Association, Sportfishing in America. An Economic Engine and Conservation Powerhouse. (2008). [http://asafishing.org/uploads/Sportfishing\\_in\\_America\\_Jan\\_2008\\_Revised.pdf](http://asafishing.org/uploads/Sportfishing_in_America_Jan_2008_Revised.pdf)

American Sportfishing Association, State and National Economic Impacts of Fishing, Hunting, and Wildlife-Related Recreation on U.S. Forest Service-Managed Lands. (2006).  
[http://www.fs.fed.us/biology/resources/pubs/usfs\\_rec\\_economic\\_impacts.pdf](http://www.fs.fed.us/biology/resources/pubs/usfs_rec_economic_impacts.pdf)

Dean Runyan and Associates, Fishing, Hunting, Wildlife Viewing, and Shellfishing in Oregon, 2008 State and County Expenditures. (2009). [http://www.dfw.state.or.us/agency/docs/Report\\_5\\_6\\_09--Final%20%282%29.pdf](http://www.dfw.state.or.us/agency/docs/Report_5_6_09--Final%20%282%29.pdf)

Oregon State Marine Board, Boating in Oregon. Triennial Survey Results. (2011).  
<http://www.oregon.gov/OSMB/admin/TriennialSurveyResultsPage2010.shtml>

Oregon Water Resources Department, Peak and Ecological Flows White Paper.  
[http://www.oregon.gov/owrd/docs/EFTAG\\_Final.pdf](http://www.oregon.gov/owrd/docs/EFTAG_Final.pdf)

Outdoor Industry Foundation, The Active Outdoor Recreation Economy, A \$730 Billion Annual Contribution to the U.S. Economy. (2006). <http://www.outdoorindustry.org/images/researchfiles/RecEconomypublic.pdf?26>

The Research Group, Briefing Report: Oregon Commercial Fishing Industry, Economic Contributions in 2011 and Outlook for 2012, Prepared for the Oregon Department of Fish and Wildlife and the Oregon Coastal Zone Management Association. (2012).  
[http://www.dfw.state.or.us/fish/commercial/docs/OR\\_Comm\\_Fish\\_Ec\\_Impacts\\_Brief\\_2011.pdf](http://www.dfw.state.or.us/fish/commercial/docs/OR_Comm_Fish_Ec_Impacts_Brief_2011.pdf)

U.S. Department of the Interior, U.S. Fish and Wildlife Service, U.S. Department of Commerce & U.S. Census Bureau. National Survey of Fishing, Hunting, and Wildlife-Associated Recreation. (2006).  
[http://library.fws.gov/pubs/nat\\_survey2006\\_final.pdf](http://library.fws.gov/pubs/nat_survey2006_final.pdf)

**Essay: Inventorying and Monitoring Groundwater Dependent Ecosystems**

Aldous, A. & L. Bach, Protecting Groundwater-Dependent Ecosystems: Gaps and Opportunities. National Wetlands Newsletter (May-June 2011): 19-22.

Blevins, E. & A. Aldous, The biodiversity value of groundwater-dependent ecosystems: A cataloguing of United States federally listed species that depend on groundwater. Wetland Science and Practice 28: 18-24., (2011).

Brown, J., L. Bach, A. Aldous, A. Wyers, & J. DeGagné. Groundwater-Dependent Ecosystems in Oregon: an assessment of their distribution and associated threats. Frontiers in Ecology and the Environment 9: 97-102. (2010).

Brown, J., A. Wyers, L. Bach, & A. Aldous, Groundwater-Dependent Biodiversity and Associated Threats: A statewide screening methodology and spatial assessment of Oregon. The Nature Conservancy. (2009).

Herbert, J., & P. Seelbach. Considering Aquatic Ecosystems: The Basis for Michigan's New Water Withdrawal Assessment Process. Michigan State University Extension Bulletin WQ-60, 4 p. (2009).  
[http://www.michigan.gov/documents/dnr/WQ60\\_269923\\_7.pdf](http://www.michigan.gov/documents/dnr/WQ60_269923_7.pdf)

Michigan Water Withdrawal Assessment Tool (MIWWAT), Michigan Water Withdrawal Assessment Tool Update. (2009).  
<http://www.miwwat.org/Intro1.pdf>

Murray-Darling Basin Authority, Draft Basin Plan. (2011).  
<http://www.mdba.gov.au/draft-basin-plan>

Stevens, L., & V. Meretsky, Aridland Springs in North America: Ecology and Conservation. University of Arizona Press. (2008).

U.S. Forest Service, Technical Guide to Managing Ground Water Resources. FS-881, USDA Minerals and Geology Management; Watershed, Fish, Air, and Rare Plants. (2007).

### **CHAPTER 3: UNDERSTAND THE COMING PRESSURES THAT AFFECT OUR NEEDS AND SUPPLIES**

**Critical Issue: The Water and Energy Nexus**

Alliance for Water Efficiency and American Council for an Energy-Efficient Economy, Addressing the Energy-Water Nexus: A Blueprint for Action. 16p. (2011). <http://www.allianceforwaterefficiency.org/blueprint.aspx>

Energy Trust of Oregon.  
<http://energytrust.org/>

Farmers Conservation Alliance, "Farmers Screen" Technology Saving Money, Time, and Fish on Whychus Creek. (January 16, 2012 Press Release). <http://www.farmersscreen.org/pressroom>

Gilfillan, J., Oregon Public Broadcasting, Fruit Growers Develop Innovative Screen to Keep Fish out of Irrigation Water. (September 2, 2010).

<http://news.opb.org/article/fruit-growers-develop-innovative-screen-keep-fish-out-irrigation-water/>

Lies, M., Alliance Makes Splash With Fish Screen, Capital Press. (February 17, 2012).

[http://centralpt.com/upload/333/15284\\_CapitalPress.2.17.2012.FarmersScreen.pdf](http://centralpt.com/upload/333/15284_CapitalPress.2.17.2012.FarmersScreen.pdf)

Northwest Power and Conservation Council, Columbia River Basin Fish and Wildlife Program, Appendix B: Hydroelectric Development Conditions. 2009 Amendments. 108p. (2009).

<http://www.nwcouncil.org/library/2009/2009-09.pdf>

Northwest Power and Conservation Council, Columbia River History Project. Hydropower.

<http://www.nwcouncil.org/history/Hydropower.asp>

Oregon Board of Agriculture, State of Oregon Agriculture Industry Report. (2011).

[http://www.oregon.gov/ODA/docs/pdf/bd\\_rpt.pdf](http://www.oregon.gov/ODA/docs/pdf/bd_rpt.pdf)

Oregon Department of Agriculture, Agriculture and Energy in Oregon. (2011).

[http://www.oregon.gov/ODA/docs/pdf/ag\\_energy\\_report.pdf](http://www.oregon.gov/ODA/docs/pdf/ag_energy_report.pdf)

Oregon Department of Consumer and Business Services, Building Codes Division, Oregon Reach Code.

<http://www.bcd.oregon.gov/programs/reach.html#facts>

Oregon Department of Consumer and Business Services, Building Codes Division, Oregon Smart Guide: Rainwater Harvesting. (2010). <http://www.bcd.oregon.gov/pdf/3660.pdf>

Oregon Department of Consumer and Business Services, Building Codes Division, Oregon Smart Guide: Water Conservation Systems. (2010). <http://www.bcd.oregon.gov/pdf/0990.pdf>

Oregon Department of Energy, 2011 – 2013 State of Oregon Energy Plan.

[http://www.oregon.gov/ENERGY/docs/reports/legislature/2011/energy\\_plan\\_2011-13.pdf](http://www.oregon.gov/ENERGY/docs/reports/legislature/2011/energy_plan_2011-13.pdf)

Oregon Department of Energy, A Renewable Portfolio Standard for Oregon.

[http://www.oregon.gov/energy/RENEW/Pages/RPS\\_home.aspx](http://www.oregon.gov/energy/RENEW/Pages/RPS_home.aspx)

Oregon Department of Energy, Energy Conservation – Buying a New Water Heater.

<http://www.oregon.gov/ENERGY/CONS/RES/buywaterhtr.shtml>

Oregon Department of Energy, Oregon's Power Mix - Where Does Oregon's Electricity Come From?

[http://www.oregon.gov/energy/pages/oregons\\_electric\\_power\\_mix.aspx](http://www.oregon.gov/energy/pages/oregons_electric_power_mix.aspx)

The River Network. The Water and Energy Nexus.

<http://www.rivernetwork.org/water-energy-nexus>

U.S. Department of Energy, Energy Demands on Water Resources. Report to Congress on the Interdependency of Energy and Water. (2006).

<http://www.sandia.gov/energy-water/docs/121-RptToCongress-EWwEIAcomments-FINAL.pdf>

U.S. Environmental Protection Agency, Ensuring a Sustainable Future: An Energy Management Guidebook for Wastewater and Water Utilities. (January 2008).

[http://www.epa.gov/owm/waterinfrastructure/pdfs/guidebook\\_si\\_energymangement.pdf](http://www.epa.gov/owm/waterinfrastructure/pdfs/guidebook_si_energymangement.pdf)

U.S. Environmental Protection Agency, Sustainable Water Infrastructure. Water and Energy Efficiency in Water and Wastewater Facilities. <http://www.epa.gov/region9/waterinfrastructure/howto.html>

U.S. Environmental Protection Agency & U.S. Department of Energy, Energy Star Program.  
[http://www.energystar.gov/index.cfm?c=about.ab\\_index](http://www.energystar.gov/index.cfm?c=about.ab_index)

**Essay: Conduit Hydroelectric Projects in Central Oregon**

Black Rock Consulting, Inc., Hydropower Potential and Energy Savings Evaluation. Irrigation Water Providers of Oregon. 172p. (2010). [http://energytrust.org/library/reports/100916\\_HydropowerPotential.pdf](http://energytrust.org/library/reports/100916_HydropowerPotential.pdf)

**Critical Issue: Water and Climate Change**

Allen, C., A. Macalady, H. Chenchouni, D. Bachelet, N. McDowell, M. Vennetier, T. Kizberger, A. Rigling, D. Brashears, E. Hogg, P. Gonzalez, R. Fensham, Z. Zhang, J. Castro, N. Demidova, J. Lim, G. Allard, S. Running, A. Semerci & N. Cobb. A Global Overview of Drought and Heat-Induced Tree Mortality Reveals Emerging Climate Change Risks for Forests. *Forest Ecology and Management*, 259(4): 660-684, (2010).

Bumbaco, K. & P. Mote. Three Recent Flavors of Drought in the Pacific Northwest. *Journal of Applied Meteorology and Climatology*. 49, 2058–2068. (2010). doi: 10.1175/2010JAMC2423.1

Chang, H. & J. Jones, Climate Change and Oregon's Freshwater Resources, The Oregon Climate Assessment Report. Oregon Climate Change Research Institute, College of Oceanic and Atmospheric Sciences, Oregon State University. (2010). <http://occri.net/ocar>

Climate Impacts Group, The Washington Climate Change Impacts Assessment. M. McGuire Elsner, J. Littell and L. Whitely Binder (eds). Center for Science in the Earth System, Joint Institute for the Study of the Atmosphere and Oceans, University of Washington, Seattle, Washington. (2010).

Climate Leadership Initiative, Preparing Oregon's Watersheds for Climate Change. (2010).

Clough, J. & E. Larson, Application of the Sea-Level Affecting Marshes Model (SLAMM 6) to Bandon Marsh NWR. Warren Pinnacle Consulting, Inc. Report to U.S. Fish and Wildlife Service, National Wildlife Refuge System, Division of Natural Resources and Conservation Planning Conservation Biology Program. (2010).

Elsner, M., L. Cuo, N. Voisin, J. Deems, A. Hamlet, J. Vano, K. Mickelson, S. Lee & D. Lettenmaier, Implications of 21st century climate change for the hydrology of Washington State. (2009).

Erwin, K., Wetlands and Global Climate Change: the Role of Wetland Restoration in a Changing World. *Wetlands Ecological Management*. 17: 71-84, (2009).

Knowles, N., D. Dettinger & D. Cayan. Trends in Snowfall versus Rainfall for the Western United States. *Journal Climate* 19(18), 4545-4559, (2006).

Mohseni, O., H. Stefan & J. Eaton, Global Warming and Potential Changes in Fish Habitat. *Climate Change*, 59, 389-409, (2003).

Mote, P., Trends in Snow Water Equivalent in the Pacific Northwest and their Climatic Causes. *Geophysical Research Letters* 30 (1601), (2003). DOI:1610D1029/2003GL017258.

Mote, P., A. Hamlet, M. Clark, and D. Lettenmaier, Declining Mountain Snowpack in Western North America. *Bulletin of the American Meteorological Society* 86: 39–49, (2005).

O'Neal, K., Effects of Global Warming on Trout and Salmon in U.S. Streams. *Defenders of Wildlife*, Washington, D.C. 46p. (2002).

Oregon Climate Change Research Institute, K. Dello and P. Mote (eds), Oregon Climate Assessment Report. (2010). <http://library.state.or.us/repository/2010/201012011104133/summaries.pdf>

Oregon Department of Land Conservation and Development, Planning for Natural Hazards: Flood Technical Resource Guide. (2000). [http://www.oregon.gov/LCD/HAZ/docs/floods/04\\_flood.pdf](http://www.oregon.gov/LCD/HAZ/docs/floods/04_flood.pdf)

Oregon Global Warming Commission, Interim Roadmap to 2020. (October 2010). [http://www.keeporegoncool.org/sites/default/files/Integrated\\_OGWC\\_Interim\\_Roadmap\\_to\\_2020\\_Oct29\\_11-19Additions.pdf](http://www.keeporegoncool.org/sites/default/files/Integrated_OGWC_Interim_Roadmap_to_2020_Oct29_11-19Additions.pdf)

Oregon Global Warming Commission, Report to the Oregon Legislature. (2011). <http://www.keeporegoncool.org/sites/default/files/ogwc-standard-documents/2011Report.pdf>

Oregon State University, University of Oregon & Portland State University, Fact Sheet: Willamette Water 2100, Anticipating Water Scarcity and Informing Integrative Water System Response. (2011). [http://water.oregonstate.edu/ww2100/sites/default/files/downloads/FactSheet\\_June2011b.pdf](http://water.oregonstate.edu/ww2100/sites/default/files/downloads/FactSheet_June2011b.pdf)

Ruggiero, P., Impacts of Climate Change on Coastal Erosion and Flood Probability in the US Pacific Northwest. Proceedings of Solutions to Coastal Disasters. (2008).

Ruggiero, P., P. Komar & J. Allan, Increasing Wave Heights and Extreme Value Projections: the Wave Climate of the U.S. Pacific Northwest. (2010).

State of Oregon, Emergency Management Plan: Natural Hazards Mitigation Plan. (2009). [http://csc.uoregon.edu/opdr/sites/csc.uoregon.edu.opdr/files/OR-SNHMP\\_drought\\_chapter\\_2009.pdf](http://csc.uoregon.edu/opdr/sites/csc.uoregon.edu.opdr/files/OR-SNHMP_drought_chapter_2009.pdf)

State of Oregon, The Oregon Climate Change Adaptation Framework. (2010). [http://www.lcd.state.or.us/LCD/docs/ClimateChange/Framework\\_Final.pdf](http://www.lcd.state.or.us/LCD/docs/ClimateChange/Framework_Final.pdf)

U.S. Environmental Protection Agency, Oregon Water Quality Assessment Report. (2006). [http://iaspub.epa.gov/waters10/attains\\_state.control?p\\_state=OR#total\\_assessed\\_waters](http://iaspub.epa.gov/waters10/attains_state.control?p_state=OR#total_assessed_waters)

Van Mantgem, P., N. Stephenson, J. Byrne, L. Daniels, J. Franklin, P. Fule, M. Harmon, A. Larson, J. Smith, A. Taylor, T. Veblen, Widespread Increase of Tree Mortality Rates in the Western United States. Science, 523: 521-524, (2009).

### **Critical Issue: The Water and Land Use Nexus**

Oregon Board of Agriculture, State of Oregon Agriculture. (2011). [http://www.oregon.gov/ODA/docs/pdf/bd\\_rpt.pdf](http://www.oregon.gov/ODA/docs/pdf/bd_rpt.pdf)

Oregon Department of Forestry and U.S. Forest Service, Forests, Farms & People. Land Use Change on Non-Federal land in Oregon, 1974-2009. (2011). [http://www.oregon.gov/ODF/STATE\\_FORESTS/FRP/docs/ForestFarmsPeople2009.pdf](http://www.oregon.gov/ODF/STATE_FORESTS/FRP/docs/ForestFarmsPeople2009.pdf)

Oregon Department of Land Conservation and Development, DLCD's State Agency Coordination Agreements. [http://www.oregon.gov/LCD/about\\_us.shtml](http://www.oregon.gov/LCD/about_us.shtml)

Oregon Department of State Lands and U.S. Fish and Wildlife Service, Wetland and Land Use Change in the Willamette Valley, Oregon: 1994 - 2005. (2010). [http://www.oregonstatelands.us/DSL/PERMITS/docs/land\\_use\\_change\\_1994-2005.pdf](http://www.oregonstatelands.us/DSL/PERMITS/docs/land_use_change_1994-2005.pdf)

Oregon Environmental Council, Stormwater Solutions: Turning Oregon's Rain Back into a Resource. (2007). <http://www.oeonline.org/our-work/rivers/stormwater/stormwater%20report>

Oregon State University, Sea Grant Extension Program & Oregon Department of Land Conservation and Development, Barriers and Opportunities for Low Impact Development from Three Oregon Communities. (2008). <http://seagrant.oregonstate.edu/sgpubs/onlinepubs/w06002.pdf>

Portland State University, Population Research Center, Census Profiles, Oregon and its Metropolitan Areas. (2010). [http://www.pdx.edu/sites/www.pdx.edu.prc/files/2010\\_PL94\\_MSA.pdf](http://www.pdx.edu/sites/www.pdx.edu.prc/files/2010_PL94_MSA.pdf)

Snell, A., Water Supply Planning Perspectives from Oregon Counties: An Overview of the Water Resources Department's County Outreach Project. Oregon Water Resources Department & Oregon Sea Grant. (2007).

U.S. Bureau of Census, Population of Oregon's Counties. 1980 – 2010. Compiled by the Oregon Office of Economic Analysis.

U.S. Environmental Protection Agency, Definition of Green Infrastructure and LID. <http://www.epa.gov/owow/NPS/lid/>

U.S. Environmental Protection Agency, Protecting Water Quality from Urban Runoff. [http://www.epa.gov/owow\\_keep/NPS/urban\\_facts.html](http://www.epa.gov/owow_keep/NPS/urban_facts.html)

### **Critical Issue: Water-Related Infrastructure**

American Society of Civil Engineers, National Infrastructure Report Card. Fact Sheets: Dams. <http://www.infrastructurereportcard.org/fact-sheet/dams>

American Society of Civil Engineer, Oregon Section, Oregon Section Infrastructure Report Card. (October 2010). <http://www.asceor.org/documents/ReportCardHQ200.pdf>

League of Oregon Cities & Environmental Finance Center, Water, Wastewater, and Stormwater Utility Rates and Surcharges Survey. (2009).

Oregon Department of Agriculture, Brochure on Energy Opportunities for Agriculture. [http://www.oregon.gov/ODA/docs/pdf/ag\\_energy\\_brochure.pdf](http://www.oregon.gov/ODA/docs/pdf/ag_energy_brochure.pdf)

Oregon Infrastructure Finance Authority, Financing for Water or Wastewater Improvement Projects. <http://www.orinfrastructure.org/Learn-About-Infrastructure-Programs/Interested-in-a-Water-or-Wastewater-Improvement-Project/>

Oregon Infrastructure Finance Authority, Infrastructure Finance Authority News: Federal Funding for Community Development Continues to Decline. (February 2012). <http://www.orinfrastructure.org/IFA-News/February-2012/>

Oregon Water Resources Congress, Irrigation District Water Infrastructure. White Paper. <http://www.owrc.org/useruploads/files/federal/OWRC%20Infrastructure%20White%20Paper.pdf>

Oregon Water Resources Department, Dam Safety in Oregon. (2011). [http://www.wrd.state.or.us/OWRD/SW/docs/dam\\_safety/September\\_2011\\_dam\\_Safety\\_Book.pdf](http://www.wrd.state.or.us/OWRD/SW/docs/dam_safety/September_2011_dam_Safety_Book.pdf)

Oregon Water Resources Department, Water Well Owner's Guidebook: A Guide to Water Wells in Oregon. (2010). [http://www1.wrd.state.or.us/pdfs/Water\\_Well\\_Booklet\\_2010.pdf](http://www1.wrd.state.or.us/pdfs/Water_Well_Booklet_2010.pdf)

Rogue Valley Council of Governments, Gold Ray Dam Project: Removal, Restoration, and Monitoring. [http://www.rvcog.org/mn.asp?pg=NR\\_Gold\\_Ray\\_Dam](http://www.rvcog.org/mn.asp?pg=NR_Gold_Ray_Dam)

Rural Community Assistance Corporation, Oregon Water and Wastewater Funding and Resource Guide. (2011). <http://www.rcac.org/assets/Oregon/ORResourceGd-4-11.pdf>

U.S. Army Corps of Engineers, National Inventory of Dams. <http://geo.usace.army.mil/pgis/f?p=397:12:>

U.S. Bureau of Reclamation, WaterSMART Program.  
<http://www.usbr.gov/WaterSMART/>

U.S. Department of the Interior & U.S. Bureau of Reclamation, Erosion and Sedimentation Manual. Ch. 8, Dam Decommissioning and Sediment Management.  
<http://www.usbr.gov/pmts/sediment/kb/ErosionAndSedimentation/Contents.pdf>

U.S. Environmental Protection Agency, Drinking Water Infrastructure Needs Survey and Assessment. Fourth Report to Congress. EPA 816-R-09-001. (2009).  
[http://water.epa.gov/infrastructure/drinkingwater/dwns/upload/2009\\_03\\_26\\_needssurvey\\_2007\\_report\\_needssurvey\\_2007.pdf](http://water.epa.gov/infrastructure/drinkingwater/dwns/upload/2009_03_26_needssurvey_2007_report_needssurvey_2007.pdf)

U.S. Environmental Protection Agency, Sustainable Water Infrastructure Initiative.  
<http://water.epa.gov/infrastructure/sustain/>

U.S. Environmental Protection Agency, Water Trivia Facts.  
[http://water.epa.gov/learn/kids/drinkingwater/water\\_trivia\\_facts.cfm](http://water.epa.gov/learn/kids/drinkingwater/water_trivia_facts.cfm)

U.S. General Accounting Office, Water Infrastructure: Comprehensive Asset Management Has Potential to Help Utilities Better Identify Needs and Plan Future Investments. Report to Committee on Environment and Public Works, U.S. Senate. (2004). <http://www.gao.gov/new.items/d04461.pdf>

U.S. General Accounting Office, Water Infrastructure: Information on Financing, Capital Planning, and Privatization. Report to Congressional Requesters. 83p. (2002). <http://www.gao.gov/new.items/d02764.pdf>

### **Critical Issue: Education and Outreach**

Brueck, T., M. Isbell, D. O'Berry & P. Brink, Water Sector Workforce Sustainability Initiative. Sponsored by Water Research Foundation and the American Water Works Association. (2010).

Clackamas Community College. 2011 – 2012 Catalog: Degrees, Certificates, and Approved Courses (pg. 14 – 23).

DHM Research and OPB Earth Fix, Poll of Northwest Residents' Opinions on the Environment. (November 2011).  
<http://earthfix.opb.org/article/water-pollution-the-source-be-with-you/>

Lane Community College, 2011-2012 Online College Catalog, Career and Technical Programs.  
<http://www.lanec.edu/collegecatalog/careertech.html>

Linn-Benton Community College, Degrees & Certificates offered.  
<http://www.linnbenton.edu/go/majors>

Milano, C., Go with the Flow: A Wave of Water-Related Opportunities. Science, (2010).

Olstein, M., J. Voeller, D. Marden, J. Jennings, P. Hannan & D. Brinkman, Succession Planning for a Vital Workforce in the Information Age. (2005).

Oregon Department of Community Colleges and Workforce Development, 2009-2010 Oregon Community College Viewbook. <http://www.occa17.com/assets/documents/FactsFigures/CommunityCollegeViewbook2009-10.pdf>

Oregon Department of Community Colleges and Workforce Development, Oregon Green Career Pathways, Water & Wastewater – Entrance Considerations.  
<http://oregongreenpathways.org/1527/water-community-college>

Oregon Environmental Literacy Task Force, Oregon Environmental Literacy Plan: Toward a Sustainable Future. (2010). <http://www.ode.state.or.us/gradelevel/hs/oregon-environmental-literacy-plan.pdf>

Oregon Parks and Recreation Department, 2005-2014 Water Trails Plan.  
<http://www.oregon.gov/OPRD/PLANS/docs/trails/Water.pdf>

Oregon State University, Brent Steel, Monica Hubbard & Erika Wolters, Oregon Water Policy Survey & Public Attitudes Toward Water Use in Oregon Survey. Master of Public Policy Program. (2010).

Project WET, World Wide Water Education.  
<http://www.projectwet.org/>

U.S. Congressional Budget Office, Baby Boomers' Retirement Prospects: An Overview. (2003).  
<http://www.cbo.gov/ftpdocs/48xx/doc4863/11-26-BabyBoomers.pdf>

U.S. Department of Labor, Bureau of Labor Statistics Occupational Outlook Handbook, (2010-2011 Edition).

U.S. Environmental Protection Agency. Teacher Resources and Lesson Plans.  
<http://www.epa.gov/students/teachers.html#exwater>

U.S. Environmental Protection Agency. What is Nonpoint Source Pollution?  
<http://water.epa.gov/polwaste/nps/whatis.cfm>

Water Environment Federation, Task Force on Workforce Sustainability. Final Report. (2008).  
[http://www.wef.org/AWK/pages\\_cs.aspx?id=589](http://www.wef.org/AWK/pages_cs.aspx?id=589)

## **CHAPTER 4: MEET OREGON'S INSTREAM AND OUT-OF-STREAM NEEDS**

### **Critical Issue: Place-Based Efforts**

2008-2017 U.S. v. Oregon Management Agreement. (May 2008).  
[http://www.fws.gov/Pacific/fisheries/hatcheryreview/Reports/snakeriver/SR--079.2008-2017.USvOR.Management\\_Agreement\\_042908.pdf](http://www.fws.gov/Pacific/fisheries/hatcheryreview/Reports/snakeriver/SR--079.2008-2017.USvOR.Management_Agreement_042908.pdf)

Klamath Basin Restoration Agreement for the Sustainability of Public and Trust Resources and Affected Communities. (2010). <http://www.doi.gov/news/pressreleases/upload/Klamath-Basin-Restoration-Agreement-2-18-10.pdf>

Siemann, D., & S. Martin, Managing Many Waters: An assessment of Capacities for Implementing Water and Fish Improvements in the Walla Walla Basin. The William D. Ruckelshaus Center, Washington State University & University of Washington. (July 2008).

U.S. Army Corps of Engineers & Bonneville Power Administration, Columbia River Treaty – 2014/2024 Review.  
<http://www.crt2014-2024review.gov/>

### **Essay: Place-Based Partnerships - Examples**

Albany-Millersburg: Talking Water Gardens.  
<http://cityofalbany.net/publicworks/twg/>

Chicago Metropolitan Agency for Planning. Regional Planning Research.  
<http://www.cmap.illinois.gov/regional-water-supply-planning/minutes>

U.S. Department of Agriculture, L. Kruger & D. Williams, Place and Place-based Planning. Proceedings from the National Workshop on Recreation Research and Management. (2007).  
[http://www.fs.fed.us/rm/pubs\\_other/rmrs\\_2007\\_kruger\\_1001.pdf](http://www.fs.fed.us/rm/pubs_other/rmrs_2007_kruger_1001.pdf)

Willamette Water 2100 Project.  
<http://water.oregonstate.edu/ww2100/>

## **Critical Issue: Water Management and Development**

4 C's Associates, Prineville Reservoir Uncontracted Water Situation Assessment. Prepared for Crook County Natural Resources Planning Subcommittee. (2008). [http://www1.wrd.state.or.us/pdfs/OWSCI/Crook\\_Final\\_Report.pdf](http://www1.wrd.state.or.us/pdfs/OWSCI/Crook_Final_Report.pdf)

Economic and Engineering Services, Inc., Water Management and Conservation Plans: A Guidebook for Oregon Municipal Water Suppliers. Prepared for League of Oregon Cities, Oregon Water Utilities Council,

League of Oregon Cities & Environmental Finance Center, Water, Wastewater, and Stormwater Utility Rates and Surcharges Survey. (2009).

Oregon Department of Environmental Quality, Fact Sheet: Using Our Water Wisely. (2011).

Oregon Department of Environmental Quality, Recycled Water Program.  
<http://www.deq.state.or.us/wq/reuse/recycled.htm>

Oregon Department of State Lands, Streamflow Duration Assessment Method for Oregon.  
<http://www.oregon.gov/dsl/PERMITS/Pages/streamflow.aspx>

Oregon Water Resources Department, 2009 Field Regulation and Enforcement Activities. Informational Report to the Water Resources Commission. (August 2010).

Oregon Water Resources Department. Allocation of Conserved Water Program: Purpose, Implementation, Links & Resources. [http://www.wrd.state.or.us/OWRD/mgmt\\_conserved\\_water.shtml](http://www.wrd.state.or.us/OWRD/mgmt_conserved_water.shtml)

Oregon Water Resources Department, Oregon Water Supply and Conservation Initiative: Inventory of Potential Above-Ground Storage Sites, Search Tool.  
[http://apps.wrd.state.or.us/apps/planning/owsci/sw\\_project\\_search.aspx](http://apps.wrd.state.or.us/apps/planning/owsci/sw_project_search.aspx)

Oregon Water Resources Department, Oregon Water Supply and Conservation Initiative: Inventory of Potential Below Ground Storage Sites. (2009).  
[http://www.wrd.state.or.us/OWRD/LAW/docs/owsci/OWSCI\\_GW\\_study\\_text.pdf](http://www.wrd.state.or.us/OWRD/LAW/docs/owsci/OWSCI_GW_study_text.pdf)

Oregon Water Resources Department. Water Right Transfer Program.  
[http://www.wrd.state.or.us/OWRD/mgmt\\_transfers.shtml](http://www.wrd.state.or.us/OWRD/mgmt_transfers.shtml)

Oregon Water Resources Department & Oregon Water Resources Congress, Agricultural Water Management and Conservation Planning: A Guidebook for Oregon Irrigation Districts and Other Agricultural Water Suppliers. (2007).  
[http://www.wrd.state.or.us/OWRD/docs/Ag\\_WMCP\\_Guide.pdf](http://www.wrd.state.or.us/OWRD/docs/Ag_WMCP_Guide.pdf)

Special Districts Association of Oregon, in association with the Oregon Water Resources Department. Water Management and Conservation Plans, A Guidebook for Oregon Municipal Water Suppliers. (2003).  
<http://www.orcities.org/Portals/17/Premium/wmcpguidebook.pdf>

U.S. Army Corps of Engineers, Willamette Valley Project Overview, Willamette 2100 Presentation. (2011).  
[http://water.oregonstate.edu/ww2100/sites/default/files/stakeholders/20110421/USACE\\_Presentation.pdf](http://water.oregonstate.edu/ww2100/sites/default/files/stakeholders/20110421/USACE_Presentation.pdf)

U.S. Department of Agriculture, National Agricultural Statistics Service. 2008 Farm and Ranch Irrigation Survey.  
[http://www.agcensus.usda.gov/Publications/2007/Online\\_Highlights/Farm\\_and\\_Ranch\\_Irrigation\\_Survey/index.php](http://www.agcensus.usda.gov/Publications/2007/Online_Highlights/Farm_and_Ranch_Irrigation_Survey/index.php)

U.S. Department of the Interior & U.S. Bureau of Reclamation, Canal-Lining Demonstration Project: Year 10 Final Report. (2002). <http://www.usbr.gov/pn/programs/wat/pdf/finalcanal/front.pdf>

U.S. Environmental Protection Agency, Five Years of Savings, 2010 Accomplishments – EPA WaterSense Program. (2010). [http://www.epa.gov/watersense/docs/WSAR2010\\_FINAL\\_508.pdf](http://www.epa.gov/watersense/docs/WSAR2010_FINAL_508.pdf)

## **Critical Issue: Healthy Ecosystems**

Alley, W., T. Reilly & O. Franke, Sustainability of Ground-Water Resources. U.S. Geological Survey Circular 1186. (1999).

Bogges, B. & S. Woods, Oregon State University, State of the Environment Report. Ch. 3.1: Summary of Current Status and Health of Oregon's Waters. (2002). [http://oregon.gov/DAS/OPB/docs/SOER2000/Ch3\\_1a.pdf](http://oregon.gov/DAS/OPB/docs/SOER2000/Ch3_1a.pdf)

Cusack, C., M. Harte & S. Chan, The Economics of Invasive Species, Oregon State University, Corvallis, Publication number ORESU-G-09-001. (2009).

Daugherty, P., Update on Private Forests Riparian Function and Stream Temperature (RipStream) Project, Staff Report. Oregon Department of Forestry. (2011). [http://cms.oregon.gov/odf/BOARD/docs/2011\\_November/BOFSR\\_20111103\\_04.pdf](http://cms.oregon.gov/odf/BOARD/docs/2011_November/BOFSR_20111103_04.pdf)

Good, J., Oregon Sea Grant, Oregon State University, State of the Environment Report. Ch. 3.3: Summary and Current Status of Oregon's Estuarine Ecosystems. (2000). [http://www.oregon.gov/DSL/WETLAND/docs/soer\\_ch33.pdf](http://www.oregon.gov/DSL/WETLAND/docs/soer_ch33.pdf)

Gregory, S., State of the Environment Report. Ch. 3.5: Summary and Current Status of Oregon's Riparian Areas. (2000). [http://oregon.gov/DAS/OPB/docs/SOER2000/Ch3\\_5.pdf](http://oregon.gov/DAS/OPB/docs/SOER2000/Ch3_5.pdf)

Gregory, S., F. Swanson, W. McKee & K. Cummins, An Ecosystem Perspective of Riparian Zones. *Bioscience* 41, 540-551 (1991).

Hubler, S., S. Miller, L. Merrick, R. Leferink, & A. Borisenko, High Level Indicators of Oregon's Forested Streams. Oregon Department of Environmental Quality, Laboratory and Environmental Assessment Division. Hillsboro, Oregon. (2009). [http://www.oregon.gov/ODF/indicators/docs/High\\_Level\\_Indicators\\_DEQ09\\_LAB\\_0041\\_TR.pdf](http://www.oregon.gov/ODF/indicators/docs/High_Level_Indicators_DEQ09_LAB_0041_TR.pdf)

Morlan, J., State of the Environment Report, Chapter 3.4: Summary of Current Status and Health of Oregon's Freshwater Wetlands. (2000). [http://www.oregon.gov/DSL/WETLAND/docs/soer\\_ch34.pdf](http://www.oregon.gov/DSL/WETLAND/docs/soer_ch34.pdf)

Northwest Power and Conservation Council (formally Northwest Power Planning Council), Columbia River Basin Fish and Wildlife Program, Strategy for Salmon. (1992). <http://www.nwcouncil.org/library/1992/Default.htm>

Northwest Power Planning Council, Using a Comprehensive Landscape Approach for More Effective Conservation and Restoration. (2011).

Oregon Department of Environmental Quality, S. Hubler, Wadeable Stream Conditions in Oregon. <http://www.deq.state.or.us/lab/techrpts/docs/DEQ07-LAB-0081-TR.pdf>

Oregon Department of Fish and Wildlife, An Inventory of Water Diversions in Oregon Needing Fish Screens. Vol. 1, Summary Results. (1990). <http://ir.library.oregonstate.edu/xmlui/handle/1957/6781?show=full>

Oregon Department of Fish and Wildlife, Fish Passage Barriers Dataset. <http://nrimp.dfw.state.or.us/nrimp/default.aspx?pn=fishbarrierdata>

Oregon Department of Fish and Wildlife, Fish Passage Barriers Report. <http://nrimp.dfw.state.or.us/NRIMP/information/docs/fishreports/ODFWFPBandFHDPProjectSummary20120228.pdf>

Oregon Department of Fish and Wildlife, Fish Screening Program. <http://www.dfw.state.or.us/fish/screening/index.asp>

Oregon Department of Land Conservation and Development, The Oregon Estuary Plan Book. Oregon Coastal Management Program. <http://www.inforain.org/oregonestuary/>

Oregon Department of State Lands and U.S. Fish and Wildlife Service, Wetland and Land-Use Change in the Willamette Valley, Oregon: 1994 – 2005. (2010).  
[http://www.oregonstatelands.us/DSL/PERMITS/docs/land\\_use\\_change\\_1994-2005.pdf](http://www.oregonstatelands.us/DSL/PERMITS/docs/land_use_change_1994-2005.pdf)

Oregon Forest Resources Institute, Forest Overview.  
[http://oregonforests.org/sites/default/files/Fact\\_generic\\_web.pdf](http://oregonforests.org/sites/default/files/Fact_generic_web.pdf)

Oregon Forest Resources Institute, How Do Forests Affect Our Drinking Water?  
[http://oregonforests.org/sites/default/files/publications/pdf/Fact\\_Drinking\\_water.pdf](http://oregonforests.org/sites/default/files/publications/pdf/Fact_Drinking_water.pdf)

Oregon Invasive Species Press Release. (2011).  
[http://www.oregon.gov/OISC/docs/pdf/oisc\\_reportcard\\_pr2011.pdf](http://www.oregon.gov/OISC/docs/pdf/oisc_reportcard_pr2011.pdf)

Oregon Sustainability Board, Senate Bill 513 Ecosystem Services and Markets, Report to the Oregon Legislative Assembly. (2010). [http://www.oregon.gov/OWEB/docs/SB513\\_final\\_report.pdf](http://www.oregon.gov/OWEB/docs/SB513_final_report.pdf)

State of Oregon, The Oregon Plan for Salmon and Watersheds, History and Archives.  
<http://www.oregon-plan.org/OPSW/archives/archived.shtml#Anchor-Plan>

### **Critical Issue: Public Health**

DeSimone, L., P. Hamilton & R. Gilliom, Quality of Water from Domestic Wells in Principal Aquifers of the United States, 1991–2004—Overview of major findings. U.S. Geological Survey Circular 1332, 48 p. (2009).  
<http://pubs.usgs.gov/circ/circ1332/>

Environmental Justice, Report to the Governor. (2009).  
<http://governor.oregon.gov/gov/GNRO/docs/2009-ejtf-report.pdf>

Hoppe, B., A. Harding, J. Staab & M. Counter, Private Well Testing in Oregon from Real Estate Transactions: An Innovative Approach Toward a State-Based Surveillance Program. Public Health Reports 2011 Jan-Feb; 126(1); 107-115. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3001807/>

Oregon Department of Agriculture, Shellfish Safety Closures.  
[http://www.oregon.gov/ODA/FSD/shellfish\\_status.shtml](http://www.oregon.gov/ODA/FSD/shellfish_status.shtml)

Oregon Department of Environmental Quality, Fact Sheet on Human Health Toxics Water Quality Standards.  
<http://www.deq.state.or.us/wq/pubs/factsheets/standards/HumanHealthToxicsRM.pdf>

Oregon Department of Environmental Quality, Introduction to Drinking Water Protection in Oregon.  
<http://www.deq.state.or.us/wq/pubs/factsheets/drinkingwater/IntroDWP10WQ020.pdf>

Oregon Department of Environmental Quality, Onsite Wastewater Management Program (Septic Systems).  
<http://www.deq.state.or.us/wq/onsite/onsite.htm>

Oregon Department of Environmental Quality, Oregon Nonpoint Source Pollution Program 2011 Annual Report. (June 2011). <http://www.deq.state.or.us/wq/nonpoint/docs/annualrpts/rpt11.pdf>

Oregon Department of Environmental Quality, Pesticide Stewardship Partnerships in Oregon.  
<http://www.deq.state.or.us/wq/pesticide/pesticide.htm>

Oregon Department of Environmental Quality, Source Water Assessments.  
<http://www.deq.state.or.us/wq/dwp/results.htm>

Oregon Department of Environmental Quality, Total Maximum Daily Loads Program.  
[www.deq.state.or.us/wq/tmdls/tmdls.htm](http://www.deq.state.or.us/wq/tmdls/tmdls.htm)

Oregon Department of Environmental Quality, Toxics Reduction Strategy.  
<http://www.deq.state.or.us/toxics/#Reduction>

Oregon Department of Environmental Quality, Water Quality Permit Program, NPDES Stormwater Discharge Permits. <http://www.deq.state.or.us/wq/stormwater/stormwater.htm>

Oregon Governor's Executive Order on Green Chemistry.  
[http://governor.oregon.gov/Gov/docs/executive\\_orders/eo\\_12-05.pdf](http://governor.oregon.gov/Gov/docs/executive_orders/eo_12-05.pdf)

Oregon Health Authority, 2011 Algae Bloom Advisories.  
<http://public.health.oregon.gov/HealthyEnvironments/Recreation/HarmfulAlgaeBlooms/Pages/Blue-GreenAlgaeAdvisories.aspx>

Oregon Health Authority, Fish Consumption Advisories.  
<http://public.health.oregon.gov/HealthyEnvironments/Recreation/Pages/fishconsumption.aspx>

Oregon Health Authority, Oregon Beach Monitoring Program. A Guide to Water Quality for Oregon Beach Visitors.  
<http://public.health.oregon.gov/HealthyEnvironments/Recreation/BeachWaterQuality/Pages/faqs.aspx>

Oregon Health Authority, Recreational Advisories.  
<http://public.health.oregon.gov/newsadvisories/Pages/RecreationalAdvisories.aspx>

Oregon Pesticide Management Plan.  
<http://www.oregon.gov/ODA/PEST/docs/pdf/wqpmtPMP.pdf>

Oregon Water/Wastewater Agency Response Network.  
<http://orwarn.org>

U.S. Environmental Protection Agency, Basic Brownfields Information.  
[http://www.epa.gov/brownfields/basic\\_info.htm](http://www.epa.gov/brownfields/basic_info.htm)

U.S. Environmental Protection Agency, Brownfields Success Story – Coastal Range Food Bank.  
[http://www.epa.gov/brownfields/success/blodgett\\_or\\_brag.pdf](http://www.epa.gov/brownfields/success/blodgett_or_brag.pdf)

U.S. Environmental Protection Agency, Brownfields Success Story – Emerson Street.  
<http://www.epa.gov/brownfields/success/BF-SS-Emerson-Street-032911.pdf>

U.S. Environmental Protection Agency, Brownfields Success Story – North Portland Bible College.  
[http://epa.gov/brownfields/success/oregon\\_deq\\_npbc\\_brag.pdf](http://epa.gov/brownfields/success/oregon_deq_npbc_brag.pdf)

U.S. Environmental Protection Agency, Unregulated Contaminant Monitoring Program.  
<http://water.epa.gov/lawsregs/rulesregs/sdwa/ucmr/>

U.S. Geological Survey, Report on Wastewater Contaminants.  
<http://toxics.usgs.gov/pubs/OFR-02-94/index.html>

### **Critical Issue: Funding**

2012 Texas State Water Plan.  
<http://www.twdb.state.tx.us/wrpi/swp/swp.asp>

California State Water Plan.  
<http://www.waterplan.water.ca.gov/>

Georgia State Water Plan.  
<http://georgiawaterplanning.org/>

Minnesota Department of Natural Resources. Clean Water, Land, and Legacy Amendment. Legacy Fund Project Highlights. Website. <http://www.dnr.state.mn.us/legacy/index.html>

Oregon Natural Resource State Agencies. 2010. Fact Sheet: Sustainable Natural Resources = A Sustainable Oregon Economy.

Oregon Water Resources Department, Request for Funding Tier 2 Feasibility Studies Under the Water Conservation, Reuse, and Storage Grant Program. Informational Report to the Oregon Water Resources Commission. (August 2012).

Oregon Water Resources Department, Update on 2008 & 2009 Water Conservation, Reuse, and Storage Grant Program. Informational Report to the Oregon Water Resources Commission. (August 2012).

Oregon Water Resources Department, Water Conservation, Re-use, and Storage Grant Program (SB 1069). 2008-2009 Grant Awards. [http://www.oregon.gov/owrd/LAW/docs/WCRS\\_grants\\_200809\\_slide\\_funded\\_95\\_percent.pdf](http://www.oregon.gov/owrd/LAW/docs/WCRS_grants_200809_slide_funded_95_percent.pdf)

Oregon Watershed Enhancement Board, 2009-2011 Biennial Report: Oregon Plan for Salmon and Watersheds. <http://www.oregon.gov/OWEB/biennialreport2011.shtml>

Rural Community Assistance Corporation, Oregon Water and Wastewater Funding and Resource Guide. 8p. (2011). <http://www.rcac.org/assets/Oregon/ORresourceGd-4-11.pdf>

University of Oregon, Ecosystem Workforce Program Report. <http://ewp.uoregon.edu/sites/ewp.uoregon.edu/files/downloads/WP24.pdf>

U.S. Environmental Protection Agency Infrastructure Funding. [http://water.epa.gov/infrastructure/drinkingwater/dwns/upload/2009\\_03\\_26\\_needssurvey\\_2007\\_report\\_needssurvey\\_2007.pdf](http://water.epa.gov/infrastructure/drinkingwater/dwns/upload/2009_03_26_needssurvey_2007_report_needssurvey_2007.pdf)

Washington Department of Ecology, Office of Columbia River, OCR Project & Funding. [http://www.ecy.wa.gov/programs/wr/cwp/cr\\_grants.html](http://www.ecy.wa.gov/programs/wr/cwp/cr_grants.html)

Willamette River Basin Memorandum of Agreement. [http://www.dfw.state.or.us/wildlife/willamette\\_wmp/docs/Willamette\\_River\\_Basin\\_MOA.pdf](http://www.dfw.state.or.us/wildlife/willamette_wmp/docs/Willamette_River_Basin_MOA.pdf)

Wyoming State Water Plan. <http://waterplan.state.wy.us/>