

Recommended Resources

Introduction to Restoration Ecology – ESRM 362 / ENVIR 263 / CFR 590D / CFR 590F
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Want to dig deeper? Here are some additional resources (books, journals, and organizations) to get you started.

BOOKS

(most available at the Miller Library and/or other UW libraries)

General:

- Anderson, M.K. 2005. *Tending the wild: Native American knowledge and the management of California's natural resources*. University of California Press, Berkeley, CA.
- Aronson, J., S.J. Milton, and J.N. Blignaut. 2007. *Restoring natural capital: science, business, and practice*. Island Press, Washington, DC.
- Bowles, M.L., and C.J. Whelan. 1994. *Restoration of endangered species: conceptual issues, planning, and implementation*. Cambridge University Press, Cambridge, UK.
- Cairns, Jr., J. 1995. *Rehabilitating damaged ecosystems*. Lewis Publishers, Boca Raton, FL.
- Egan, D., and E.A. Howell. 2005. *The historical ecology handbook: A restorationist's guide to reference ecosystems*. Island Press, Washington, DC.
- Falk, D.A., M.A. Palmer, and J.B. Zedler (editors). 2006. *Foundations of restoration ecology*. Island Press, Washington, DC.
- Friederici, P. 2006. *Nature's restoration: people and places on the front lines of conservation*. Island Press, Washington, DC.
- Gilbert, O.L., and P. Anderson. 1998. *Habitat creation and repair*. Oxford University Press, Oxford, UK.
- Gobster, P.H., and R.B. Hull. 2000. *Restoring nature: perspectives from the social sciences and humanities*. Island Press, Washington, DC.
- Hall, M. 2005. *Earth repair: a transatlantic history of environmental restoration*. University of Virginia Press, Charlottesville, VA.
- Harker, D., G. Libby, K. Harker, S. Evans, and M. Evans. 1999. *Landscape restoration handbook*. Lewis Publishers, Boca Raton, FL.
- Jordan III, W.R., M.E. Gilpin, and J.D. Aber. 1987. *Restoration ecology: a synthetic approach to ecological research*. Cambridge University Press, Cambridge, UK.
- Leopold, A. 1948. *A Sand County almanac*. Oxford University Press, London, UK.
- Mills, S. 1995. *In service of the wild: restoring and re-inhabiting damaged land*. Beacon Press, Boston, MA.
- Mitsch, W.J., and S.E. Jorgensen. 2004. *Ecological engineering and ecosystem restoration*. Wiley, Hoboken, NJ.
- Morrison, M.L. 2002. *Wildlife restoration: techniques for habitat analysis and animal monitoring*. Island Press, Washington, DC.
- Perrow, M.R., and A.J. Davy. 2002. *Handbook of ecological restoration*. Cambridge University Press, Cambridge, UK.
- SER. 2004. *The SER International Primer on Ecological Restoration*, Society for Ecological Restoration International Science & Policy Working Group. Society for Ecological

- Restoration International, Tucson, AZ.
- Temperton, V.M., R.J. Hobbs, T. Nuttle, and S. Halle (editors). 2004. *Assembly rules and restoration ecology: bridging the gap between theory and practice*. Island Press, Washington, DC.
- van Andel, J., and J. Aronson (editors). 2003. *Restoration ecology: the new frontier*. Blackwell Publishing, Malden, MA.
- Whisenant, S.G. 1999. *Repairing damaged wildlands: a process-orientated, landscape-scale approach*. Cambridge University Press, Cambridge, UK.

Philosophy:

- Elliot, R. 1997. *Faking nature: the ethics of environmental restoration*. Routledge, London, UK.
- Higgs, E. 2003. *Nature by design: people, natural process, and ecological restoration*. MIT Press, Cambridge, MA.
- Jordan III, W.R. 2003. *The sunflower forest: ecological restoration and the new communion with nature*. University of California Press, Berkeley, CA.
- Throop, W. (editor). 2000. *Environmental restoration: ethics, theory, and practice*. Humanity Books, Amherst, NY.

Ecosystem-specific:

- Apostol, D., and M. Sinclair (editors). 2006. *Restoring the Pacific Northwest: the art and science of ecological restoration in Cascadia*. Island Press, Washington, DC.
- Bainbridge, D.A. 2007. *A guide for desert and dryland restoration : new hope for arid lands*. Island Press, Washington, DC.
- Chambers, J.C., and J.R. Miller (editors). 2004. *Great Basin riparian ecosystems: ecology, management, and restoration*. Island Press, Washington, DC.
- Cramer, V.A., and R.J. Hobbs. 2007. *Old fields: dynamics and restoration of abandoned farmland*. Island Press, Washington, DC.
- Friederici, P. (editor). 2003. *Ecological restoration of southwestern ponderosa pine forests*. Island Press, Washington, DC.
- Galatowitsch, S.M., and A. van der Valk. 1994. *Restoring prairie wetlands: an ecological approach*. Iowa State University Press, Ames, IA.
- Garbisch, E.W. 2002. *The dos and don'ts of wetland construction: creation, restoration, and enhancement*. Environmental Concern, St. Michael's, MD.
- Mansourian, S., D. Vallauri, and N. Dudley (editors). 2005. *Forest restoration in landscapes: beyond planting trees*. Springer, New York, NY.
- Montgomery, D.R., S. Bolton, D.B. Booth, and L. Wall (editors). 2003. *Restoration of Puget Sound rivers*. University of Washington Press, Seattle, WA.
- Packard, S., and C.F. Mutel (editors). 2005. *The tallgrass restoration handbook: for prairies, savannas, and woodlands*. Island Press, Washington, DC.
- Riley, A.L. 1998. *Restoring streams in cities: a guide for planners, policymakers, and citizens*. Island Press, Washington, DC.
- Sauer, L.J. 1998. *The once and future forest: a guide to forest restoration strategies*. Island Press, Washington, DC.
- Shirley, S. 1997. *Restoring the tallgrass prairie: an illustrated manual for Iowa and the upper Midwest*. University of Iowa Press, Iowa City, IA.
- Stevens, M.L., and R. Vanbianchi. 1993. *Restoring wetlands in Washington: a guidebook for*

wetland restoration, planning, and implementation. Washington State Department of Ecology, Olympia, WA.

JOURNALS

(* indicates those in the Miller Library; most others are available on-line through UW Libraries)

Conservation Biology

Ecological Applications

Ecological Management & Restoration (from Australia)

**Ecological Restoration* (formerly *Restoration & Management Notes*)

Forest Ecology and Management

Journal of Applied Ecology

**Native Plants Journal* (<http://www.nativeplantnetwork.org/journal/>)

Restoration Ecology

Electronic databases that can be used to begin searching scientific journals can be found at:

<http://www.lib.washington.edu/natsci/>

Guides for conducting library research

<http://www.lib.washington.edu/natsci/guides/research/default.html>

<http://www.lib.washington.edu/uwill/research101/>

ORGANIZATIONS

EarthCorps - <http://www.earthcorps.org/>

Ecological Society of America - <http://www.esa.org/>

Seattle Parks and Recreation - <http://www.seattle.gov/parks/>

Seattle Urban Nature - <http://www.seattleurbannature.org/>

Society for Conservation Biology - <http://www.conbio.org/>

Society for Ecological Restoration International - <http://www.ser.org/>

Northwest Chapter - <http://www.ser.org/sernw/default.asp>

University of Washington Restoration Ecology Network - <http://depts.washington.edu/uwren/>

Washington Native Plants Society - <http://www.wnps.org/>