

Cleo Woelfle-Erskine
Energy and Resources Group
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EDUCATION

Ph.D. University of California, Berkeley

Energy and Resources Group, expected May 2015.

Watershed Collaborations: Social-ecological entanglements with common streams

Isha Ray and Stephanie Carlson (co-chairs), Laurel Larsen, Jeff Romm, Kimberly TallBear
Examination fields: Watershed Governance, Environmental Politics, Feminist Science and
Technology Studies, Eco-hydrology

M.S. University of California, Berkeley

Energy and Resources Group, 2012, high honors.

The 'how much' and 'why' of household water use: Investigating waste during a transition from intermittent to continuous water service in Hubli-Dharwad, India

Isha Ray and Kara Nelson (co-chairs)

Concentrations: Water and development, social science

B.S. University of Montana

Interdisciplinary Geosciences, 2009, high honors.

History and uncertainty in post-Milltown Dam restoration on the Clark Fork River, Montana

Concentrations: Fluvial Geomorphology, Ecology, Environmental Policy

AWARDS AND GRANTS

National Science Foundation Doctoral Dissertation Research Improvement Grant, Directorate for
Geography and Spatial Sciences, 2014-5. (\$16,000)

National Science Foundation Graduate Research Fellowship, 2011-4. (\$94,000)

Morris K. Udall Environmental Scholarship, 2008.

National Science Foundation EPSCoR Undergraduate Research Award, 2008.

ACADEMIC PUBLICATIONS

Woelfle-Erskine, C. in revision. "Rain tanks, springs, and broken pipes as emerging water commons along Salmon Creek, CA, USA." *ACME: An International E-Journal for Critical Geographies*, Special Issue: Researching household water practices.

Woelfle-Erskine, C. and J. Cole, in revision. Transfiguring the Anthropocene: Stochastic re-imaginings of human-beaver worlds. *Transgender Studies Quarterly*, Special Issue: Animal Trans.

Woelfle-Erskine, C. in press. “Thinking with salmon about rain tanks: commons as intra-actions.” Local Environment, Special Issue: Rainwater practices and management in a variable climate.

Woelfle-Erskine, C. “Connecting rain to taps and drains to gardens: Emerging cultural waterscapes in California cities.” in Lassiter, A. ed., *The Sustainable Water Reader: Lessons from California for the 21st Century*, University of California, in press.

Woelfle-Erskine, C., A. C. Wilcox, and J. N. Moore. 2012. “Combining historical and process perspectives to infer ranges of geomorphic variability and inform river restoration in a wandering gravel-bed river.” *Earth Surface Processes & Landforms* doi: 10.1002/esp.3276.

TEACHING

Instructor of record

“From Dams To Graywater: California Water Transitions”, Environmental Science, **Merritt College**, 2004.

Investigatory pragmatics and poetics enacting sci-fi. Environmental Science, Policy, and Management DECal course, **UC Berkeley**, 2012.

Graduate student instructor

“Bioethics and Society”, Environmental Science, Policy, and Management, **UC Berkeley**, 2014.

“Resources and Environmental Policy”, Environmental Sciences, Policy, and Management, 2011.

“Master's Research Seminar”, Energy and Resources Group, 2013.

TEACHING INTERESTS

Wild Shorelines, Cultivated Shorelines

Water and the Making of the American West

Environmental Politics: Critical Perspectives on Sustainability, Disaster, and Resilience

Indigenous and Environmental Justice Perspectives on Water Resources

OTHER TEACHING

East Bay Academy for Young Scientists, Lawrence Hall of Science, UC Berkeley, Science Instructor in Oakland high school classrooms, 2009-10.

MetWest High School, Oakland, CA, Environmental Science Instructor 2005-06

WORKSHOPS, PANELS, AND INVITED TALKS

Joseph A. Myers Center for Research on Native American Issues workshop co-convener, “Unusual Resource Use and Deviant Citizens”, University of California, Berkeley, May 5 2014.

University of Arizona / Marine Biological Laboratory workshop participant, “History of Sustainability Science”, Woods Hole, MA, May 11-16 2013

UC Berkeley College of Environmental Design Colloquium, Berkeley, CA, November 2, 2012.

Colorado School of Mines Humanitarian Engineering Program, Golden, CO, April 3, 2008.

Public Officials for Water and Environmental Responsibility, Los Angeles, CA, May 1, 2005

ACADEMIC PRESENTATIONS

- Woelfle-Erskine, C.** and J. Cole. "Trans-species improvisation at riparian frontiers." National Women's Studies Association, San Juan, Puerto Rico, (accepted talk) November 15, 2014.
- Woelfle-Erskine, C.** "Mobilizing local knowledge and expert science in beaver-salmon worlds: Cases from California." Society for the Social Studies of Science, Buenos Aires, Argentina, August 20, 2014.
- Woelfle-Erskine, C.,** J. Hildebrand, L. L. Larsen, S. M. Carlson. "Quantifying abiotic habitat characteristics to determine thresholds for salmonid over-summer survival in intermittent streams" (poster). Ecological Society of America, Sacramento, CA, August 15, 2014.
- Woelfle-Erskine, C.** "Friction and entanglements in governance of salmon streams." Association of American Geographers, Tampa, FL, April 9, 2014.
- Woelfle-Erskine, C.** and D. Sarna. "The Manifest Reversals of multi-species watershed collaboration." Dimensions of Political Ecology, Lexington, KY April 1, 2014.
- Woelfle-Erskine, C.,** S.M. Thompson. "Integrating terrestrial laser scanning and repeat field measurements to quantify habitat changes during baseflow recession," Abstract EP41E-05, American Geophysical Union fall meeting, December 9, 2013.
- Woelfle-Erskine, C.** "Sustainability for salmon? Climate adaptation in coastal California" University of Arizona / Marine Biological Laboratory Workshop on the History of Sustainability Science, Woods Hole, MA, May 11-16, 2013
- Woelfle-Erskine, C.** and D. Sarna. "Dam 'em all: Beaver believers, beaver deceivers, and other watershed entanglements." Funny Kinds of Love, Center for Science, Technology, Medicine, and Society, UC Berkeley, May 9, 2013.
- Woelfle-Erskine, C.** "Finding commons at the human-water interface," Tapping the Turn: Water's Social Dimensions, Canberra, Australia, November 16, 2012.
- Woelfle-Erskine, C.,** A. Merenlender. "Do Salmon Want Humans to Catch More Rain? A GIS Exploration," (poster) SCBNA Ann. Meet. 2012, Abstract 471.
- Woelfle-Erskine, C.,** Z. Burt. "From intermittent to 24/7: Complicated effects and conflicting perspectives," Paradigms for Water, Sanitation & Hygiene for the 21st Century S. Asian City, UC Berkeley Center for S. Asian Studies, April 25, 2012.
- Woelfle-Erskine, C.** "Investigating water waste under intermittent water supply in India". Stanford Water Health & Development Workshop, April 15, 2011.
- Woelfle-Erskine, C.,** A.C. Wilcox, 2009. "Historical perspectives on channel pattern in the Clark Fork River, Montana and implications for post-dam removal restoration," (poster) *EOS Trans. AGU*, 90(52) Fall Meet. Suppl., Abstract EP21B-0593.
- Wilcox, A. C., D. Brinkerhoff, **C. Woelfle-Erskine**. 2008. "Initial geomorphic responses to removal of Milltown Dam, Clark Fork River, Montana, USA." *EOS Trans. AGU*. 89(53) Fall Meet. Suppl. Abstract H41I-07.
- Woelfle-Erskine, C.** 2008. "Historical analysis of reference conditions and channel evolution near Milltown Dam, Clark Fork River, Montana, USA." University of Montana Conference of Undergraduate Research, April 4, 2008.

POPULAR PUBLICATIONS

- Woelfle-Erskine, C.** and A. Uncapher. *Creating Rain Gardens*. Portland, Oreg.: Timber Press, 2012.
- Woelfle-Erskine, C.** "Between Storms" in N. Antebi and E. Baxter-Blader, eds.

Water, CA. [online catalog for museum exhibition]. www.waterca.org.

Woelfle-Erskine, C. “Riparian Repair” in *High Country News*, August 25, 2008. Analysis of restoration and remediation projects on the Clark Fork River, Montana.

Woelfle-Erskine, C., J.O. Cole, L. Allen, eds. *Dam Nation: Dispatches from the Water Underground*. New York: Soft Skull, 2007.

Woelfle-Erskine, C., J.O. Cole, “Rebuilding on Poisoned Ground”, *ColorLines*, Spring 2006.

Ramos, P., A. Deen, A. Vanderwarker, **C. Woelfle-Erskine**, *Thirsty for Justice: A People’s Blueprint for California Water*, The Environmental Justice Coalition for Water, 2005 (ejcw.org).

Woelfle-Erskine, C., K. Lydersen, “Drying Up: The Water Privatization Pandemic” in *LiP*, Summer 2004.

Woelfle-Erskine, C. *Sink or Swim: A History of Sausal Creek* Oakland: water/under/ground publications, 2004.

Woelfle-Erskine, C., Lanza, D., eds. *Calling Nature Home: Restoring Environmental Justice in an Urban Wetland* San Francisco: Literacy for Environmental Justice, 2003. (curriculum).

SELECTED PROFESSIONAL EXPERIENCE

Editorial Assistant, **Environmental Justice Coalition for Water**, Oakland, CA, 2005

Coauthored and edited the report *Thirsty for Justice: A People's Blueprint for California Water*

Heron's Head Park Naturalist, **Literacy for Environmental Justice**, San Francisco, CA, 2002-03

Lead research, restoration and environmental education programs for 2,000 youth and 600 adults. Mentored interns from CCSF’s Center for Habitat.

PROFESSIONAL AFFILIATIONS

American Geophysical Union

Ecological Society of America

Association of American Geographers

National Women’s Studies Association

Society for the Social Studies of Science

LANGUAGES

English: native speaker

Spanish: advanced conversation, reading and writing proficiency

UNIVERSITY PROFESSIONAL SERVICE

Co-founder, Watershed Governance Graduate Student Conversation Group

Co-founder, Terrestrial Laser Scanning Association

Member, Energy and Resources Group Space Committee, 2013-14

Student liaison, Energy and Resources Group faculty search for Assistant Professor in Environmental Economics, 2013

REFERENCES

Stephanie Carlson, Assistant Professor, Department of Environmental Studies, Policy and Management, UC Berkeley; smcarlson@berkeley.edu

Laurel Larsen, Assistant Professor, Department of Geography, UC Berkeley; laurel@berkeley.edu

Isha Ray, Associate Professor, Energy and Resources Group, UC Berkeley; isharay@berkeley.edu

Jeff Romm, Professor, Department of Environmental Studies, Policy, and Management, UC Berkeley; jeffromm@berkeley.edu

Kimberly TallBear, Associate Professor, Department of Anthropology, University of Texas, Austin; kimberly.tallbear@utaustin.edu