

Curriculum Vitæ

LYNN HUNTSINGER

Environmental Science, Policy, and Management,
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Education

Ph.D. 1989. University of California at Berkeley. Wildland Resource Science, specializing in range ecology and management.

M.S. 1983. University of California at Berkeley. Range Management.

B.A. 1979. University of California at San Diego. Major in Chinese Studies: Modern History; Minors in Literature and Biology.

Dissertation Title: Grazing in California's Mixed Conifer Forests: Studies in the Central Sierra Nevada.

Professional Experience

1989 to present: Assistant Professor, Associate Professor, and Professor, Department of Environmental Science, Policy, and Management, University of California, Berkeley.

2002 to 2005: Associate Dean, Instruction and Student Affairs, College of Natural Resources, UC Berkeley.

1995 to 1997: Assistant and Associate Professor, University of Nevada, Reno, Department of Environmental and Resource Sciences.

1987 to 1989. Research Program Specialist for the Forest and Rangeland Resources Assessment Program, California Department of Forestry and Fire Protection, 1416 9th St., Sacramento, CA 94244-2460.

Licensed Certified Professional Rangeland Manager, State of California, #80

Synergistic activities (selected current):

Co-PI, NSF Social-Ecological Systems grant: Wetland persistence in a working landscape: Links between landowner decisions, climate, disease ecology and metapopulation dynamics (1.2 million).

PI, NSF-STEP grant: Environmental Leadership Pathway. Helps underserved minority students in the sciences transfer to Berkeley or other 4-year institutions via a one year course and internship program on the Berkeley student (1.9 million).

Co-PI. Sierra Nevada Adaptive Management Program. Work with the public and agencies to improve forest health in the Sierra Nevada (5.5 million).

Program Chair. Society for Range Management 2015 Annual Meeting.

Publications

- Ferranto, S., Huntsinger, L. and M. Kelly. *in review*. Sustaining ecosystem services from private lands in California: the role of the landowner. *Rangelands*.
- Huntsinger, L., and Bartolome, J.W. *in review*. Cows? In California?: an overview of California Rangelands. *Rangelands*.
- Sulak, A. and Huntsinger, L. *in review*. The Sierra Nevada Adaptive Management Project: Cooperative Extension and University Researchers Collaborate. *California Agriculture*.
- Plieninger, T., Hui, C., Gaertner, M. and L. Huntsinger. *in review*. The impact of land abandonment on species richness and abundance in the Mediterranean Basin: a meta-analysis. *PLOS ONE*.
- Huntsinger, L. *accepted*. Interpreting rangeland degradation in the United States. Chapter in edited volume, Behnke, R. editor, *Desertification: science, politics and public perception*.
- Huntsinger, L., N. Sayre, and L. Macaulay. *in press*. Ranchers, land tenure, and grass-roots governance: maintaining pastoralist use of rangelands in the U.S. in three different settings. In: Davies, J. (ed). International Union for Conservation of Nature (IUCN) report: Rangeland resource governance: the foundation of sustainable development.
- Huntsinger, L. and J. Oviedo. 2014. Ecosystem services may be better termed social ecological services in a traditional pastoral system: The case in California Mediterranean rangelands at multiple scales. *Ecology and Society* 19 (1): 8
[<http://www.ecologyandsociety.org/vol19/iss1/art8/>]
- Committee to review the Bureau of Land Management Wild Horse and Burro Management Program--Guy Palmer, Chair, Lynn Huntsinger, one of 13 committee members, lead for chapter 6. 2013. *Using science to improve the BLM Wild Horse and Burro Program: A way forward*. 436 p. ISBN-10: 0-309-26494-4. 436 pgs.
[http://www.nap.edu/catalog.php?record_id=13511]
- Huntsinger, L. 2013. California Mediterranean rangelands and ecosystem conservation. Proceedings, Conference on Pastoralism and Ecosystem Conservation. Proceedings of FAO-CIHEAM Mountain Pastures Network June 5-7 Trivero, Italy.
[<http://ourenvironment.berkeley.edu/wp-content/uploads/2011/07/135-huntsinger-trivero-sm.pdf>]
- Campos, P., Huntsinger, L., Oviedo, J.L., Starrs, P.F., Díaz, M., Standiford, R.B., Montero, G. (eds). 2013. Mediterranean oak woodland working landscapes: Dehesas of Spain and ranchlands of California. Landscape Series, Springer. 460 p.
[<http://dx.doi.org/10.1007/978-94-007-6707-2>]
- Huntsinger, L., Campos, P., Starrs, P.F., Oviedo, J.L., Díaz, M., Standiford, R.B., Montero, G. 2013. Working landscapes of the Spanish dehesa and the California oak woodlands: An introduction. Chapter 1. In: Campos, P., Huntsinger, L., Oviedo, J.L., Starrs, P.F., Díaz, M., Standiford, R.B., Montero, G. (eds). Mediterranean Oak Woodland Working Landscapes: Dehesas of Spain and Ranchlands of California. Landscape Series, Springer.
[http://dx.doi.org/10.1007/978-94-007-6707-2_1]
- Alagona, P.S., Linares, A., Campos, P., Huntsinger, L. 2013. History and Recent Trends. Chapter 2. In: Campos, P., Huntsinger, L., Oviedo, J.L., Starrs, P.F., Díaz, M., Standiford, R.B., Montero, G. (eds). Mediterranean Oak Woodland Working Landscapes: Dehesas of Spain

- and Ranchlands of California. Landscape Series, Springer. [http://dx.doi.org/10.1007/978-94-007-6707-2_2]
- de Dios Vargas, J., Huntsinger, L. and Starrs, P.F. 2013. Raising livestock in oak woodlands. Chapter 10. In: Campos, P., Huntsinger, L., Oviedo, J.L., Starrs, P.F., Díaz, M., Standiford, R.B., Montero, G. (eds). Mediterranean Oak Woodland Working Landscapes: Dehesas of Spain and Ranchlands of California. Landscape Series, Springer. [http://dx.doi.org/10.1007/978-94-007-6707-2_10]
- Caparrós, A., Huntsinger, L., Oviedo, J.L., Plieninger, T., Campos, P. 2013. Economics of ecosystem services. Chapter 12. In: Campos, P., Huntsinger, L., Oviedo, J.L., Starrs, P.F., Díaz, M., Standiford, R.B., Montero, G. (eds). Mediterranean Oak Woodland Working Landscapes: Dehesas of Spain and Ranchlands of California. Landscape Series, Springer. [http://dx.doi.org/10.1007/978-94-007-6707-2_12]
- Oviedo, J.L., Ovando, P., Forero, L., Huntsinger, L., Álvarez, A., Mesa, B., Campos, P. The private economy of dehesas and ranches: case studies. Chapter 13. In: Campos, P., Huntsinger, L., Oviedo, J.L., Starrs, P.F., Díaz, M., Standiford, R.B., Montero, G. (eds). Mediterranean Oak Woodland Working Landscapes: Dehesas of Spain and Ranchlands of California. Landscape Series, Springer. [http://dx.doi.org/10.1007/978-94-007-6707-2_13]
- Starrs, P.F., Campos, P., Oviedo, J.L., Huntsinger, L., Díaz, Standiford, R.B., Montero, G. M. 2013. Whither working oak woodlands? Chapter 15. In: Campos, P., Huntsinger, L., Oviedo, J.L., Starrs, P.F., Díaz, M., Standiford, R.B., Montero, G. (eds). Mediterranean Oak Woodland Working Landscapes: Dehesas of Spain and Ranchlands of California. Landscape Series, Springer. [http://dx.doi.org/10.1007/978-94-007-6707-2_15]
- Plieninger, T., M. Gaertner, C. Hui and L. Huntsinger. 2013. Does land abandonment decrease species richness and abundance of plants and animals in Mediterranean grasslands, arable lands and permanent croplands? *Environmental Evidence* 2:3. [<http://dx.doi.org/10.1186/2047-2382-2-3>]
- Ferranto, S., Huntsinger, L., Getz, C., Lahiff, M., Stewart, W., Nakamura, G. and M. Kelly. 2013. Management without borders? A survey of landowner practices and attitudes towards cross-boundary cooperation. *Society and Natural Resources* 0:1-19. [<http://dx.doi.org/10.1080/08941920.2013.779343>]
- Brownsey, P., Oviedo, J., Huntsinger, L. and B. Allen-Diaz. 2013. Historic forage productivity and cost of capital for cow-calf production in California. *Rangeland Ecology and Management* 66(3): 339-347. [<http://dx.doi.org/10.2111/REM-D-11-00059.1>]
- Booker, K., Huntsinger, L., Bartolome, J.W., Sayre, N., Stewart, W. 2013. What can ecological science tell us about opportunities for carbon sequestration on rangelands? *Journal of Global Environmental Change* 23:240-251. [<http://dx.doi.org/10.1016/j.gloenvcha.2012.10.001>]
- Navarro, F.B., Romero-Freire, A., Del Castillo, T., Foronda, A., Jiménez, M.N., Ripoll, M.A., Sánchez-Miranda, Á, Huntsinger, L., Fernández-Ondoño, E. 2012. Effects of thinning on litterfall were found after years in a *Pinus halepensis* afforestation area at tree and stand levels. *Forest Ecology and Management* 289: 354–362. [<http://dx.doi.org/10.1016/j.foreco.2012.09.026>]
- Sayre, N.F., Carlisle, L., Huntsinger, L., Fisher, G., and Shattuck, A. 2012. The role of rangelands in diversified farming systems: Innovations, obstacles, and opportunities. *Ecology and Society*. [<http://dx.doi.org/10.1186/2041-7136-2-12>].

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- Huntsinger, L., Sayre, L., and J.D. Wulforst. 2012. *Birds, beasts and bovines: Three cases of U.S. pastoralism and wildlife. Pastoralism: Research, Policy, and Practice 2:12.*
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- Oviedo, J. L., Huntsinger, L., Campos, P. and Caparrós, A. 2012. The income value of private amenities in California oak woodlands. *California Agriculture* 66(3):91-
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- Stewart, W., Ferranto, S., Nakamura, G., Getz, C., Huntsinger, L. and Kelly, M. 2012. Subdivide or silviculture: choices facing family forest owners in the redwood region. In: Standiford, R.B., Weller, T.J., Piiro, D.D., Stuart, J.D. (tech coords). 2012. Proceedings of coast redwood forests in a changing California: A symposium for scientists and managers. Gen. Tech. Rep. PSW-GTR-238. Albany, CA: Pacific Southwest Research Station, Forest Service, U.S. Department of Agriculture. 675 p.
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Teaching

ESPM C11/L&S C30U: Americans and the Global Forest
ESPM 279: Graduate Seminar in Rangeland Pastoralism
ESPM 268: Graduate Seminar in Rangeland Ecology (topics: ecological histories, management models)
ESPM 186: Management of Rangeland Ecosystems
ESPM 375: Teaching in ESPM

Service and Professional Activities

Current:

Chair, Division of Society and Environment, ESPM
Member, NAS Committee to Review BLM Wild Horse and Burro Program
Academic Senate Committee on Admissions, Enrollment, and Preparatory Education (AEPE)
AEPE representative to the UC systemwide Board of Admissions and Relations with Schools
Science Advisory Board, Malpai Borderlands Group
Central Coast Rangelands Coalition Advisory Board
Advisory Board, American Indian Graduate Group
Editorial Board, *Pastoralism: Research, Policy, and Practice*
W1081 Rangeland economics and policy
WDC23 Range education across borders
STEM curriculum working group, UCB
Program Chair, SRM Annual Meeting 2015

Past (selected):

Chancellor's Committee on Student Conduct
Associate Dean, Instruction and Student Affairs, College of Natural Resources 2002-2005
Vice-Chair of Instruction, Dept of Env. Science, Policy, and Mgt.
Associate Editor, *California Agriculture*
Associate Editor, *Rangelands Journal*
President, California Section, Society for Range Management
Chair, Integrated Hardwood Range Management Program Five Year Review
Chair, Sierra Foothill Research Station Research Advisory Committee
Member, Resource Advisory Council to Bureau of Land Management, Northeastern Great Basin
Chair, College of Natural Resources Executive Committee
Member, Academic Senate Committee on Educational Policy
Chair, Departmental Review Report
President, California Chapter, Society of Women Geographers
Chair, publications, Society for Range Management Annual Meeting 2001
Science Advisory Board to BLM and Minerals Management, 1998-2000
President, California Section Society of Range Management, 1995
Steering Committee, Society for Conservation Biology Annual Meeting, 2006R
Steering Committee, California Grazing Lands Coalition Conference, 2005
Handling Editor, *Conservation Biology*

Awards/Honors

2013 How Student's Learn Fellowship to support 300 level pedagogy courses, Graduate Council's Advisory Committee for GSI Affairs, UCB. Funding for a graduate student to work with you to redevelop a 375 teaching seminar for graduate student instructors.

2010 Honored for teaching 10 Freshmen Seminars at 20th Anniversary Celebration, UC Berkeley.

2007 Range Manager of the Year, California Society for Range Management

2008-9 President's Teaching Fellow, UCB

2005 Exceptional Service Award, College of Natural Resources, UCB

2003 Distinguished Teaching Award, College of Natural Resources, UCB

2002 Exceptional Contribution, California Section, Society for Range Management,

1997 Council of Editors of Learned Journals "Best Special Issue" award

1993 Vice-Chancellor's Educational Initiatives Award (with Sally K. Fairfax, for the Department of Forestry and Resource Management)

Fellow, Center for the Study of American Cultures, UCB 1990-1, 1991-2 & 1997-8.

Fellow, Society of Women Geographers, 1986

Charles Lathrop Pack Essay Prize, 1983&4.

Distinguished Paper, World Forestry Congress 2003

Selected recent invited presentations:

Keynote, Conference on Pastoralism and Ecosystem Conservation. FAO-CIHEAM Mountain Pastures Network June 5-7 Trivero, Italy. *California rangelands and ecosystem conservation*.

Key participant and presenter in workshop on defining and valuing cultural ecosystem services for rangelands. Berlin. May 30-31. Berlin-Brandenburg Academy of Sciences and Humanities, Ecosystem Services Research Group.

Society for Rangeland Management Annual Meeting. 2013. Invited: Symposium on Adaptive Management. *Adaptive management, adaptive monitoring*. Feb. 8 Oklahoma City, OK.

California Rangeland Conservation Coalition. 2013. Keynote: *A triangular approach to the adaptive management circle*. Jan 24, Davis, CA.

DANR Sustainable Natural Resources Initiative. 2013. *Ecosystem services*. October, Berkeley, CA.

Invited Keynote at 2d National Congress of Silvopastoral Systems held in Santiago del Estero, Argentina May 11, 2012. *Silvopastoralism in California's oak woodlands*.

California Rangeland Conservation Coalition. 2012. Keynote: *Survey research on ranching in California*. Jan 20, 2012, Davis, Ca.

Man and Biosphere Program, Beijing. *History and status of land tenure on American grazing lands*. July 25, 2011.

Woods Institute for the Environment, Stanford University. *Rangeland conservation as an emergent property*. May 13, 2011.

Bay Area Open Space Council, Presidio, San Francisco. March 17, 2011. *Linking private and public lands*.

Keynote speaker, The Williamson Act in California, IGERT Symposium, UC Davis, Sept. 14, 2010. *Multiple scales of rangeland conservation*.

Ecosystem Sciences Seminar, UC Berkeley, *Hardwood rangeland landowners in California from 1985 to 2004: production, ecosystems services, and permanence*. Nov. 3, 2010

Keynote: UC Natural Resources Continuing Conference, 2010. *Rangeland conservation at multiple scales*. June 28, 2010.