

# HANNAH GOSNELL

College of Earth, Ocean, and Atmospheric Sciences  
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## Education

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| Ph.D. 2000 | University of Colorado, Boulder, CO<br>Department of Geography   |
| M.A. 1995  | University of Colorado, Boulder, CO<br>Department of Geography   |
|            | <i>Graduate Interdisciplinary Certificate in Environmental Policy</i><br><i>Graduate Teacher Program Certificate</i> |
| B.A. 1988  | Brown University, Providence, RI<br>Major: American Civilization   |

## Employment

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| 2019-present | <b>Professor of Geography</b><br><i>Geography Program, Water Resources Graduate Program</i><br>College of Earth, Ocean, and Atmospheric Sciences<br>Oregon State University, Corvallis, OR <ul style="list-style-type: none"><li>• <b>Charles Bullard Fellow</b> (2019-2020)<br/>Harvard Forest, Harvard University, Petersham, MA</li><li>• <b>Research Affiliate</b> (2014-present)<br/>Centre for Sustainability: Agriculture, Food and Environment<br/>University of Otago, Dunedin, New Zealand</li><li>• <b>Research Associate</b> (2013-present)<br/>Australian Centre for Cultural Environmental Research<br/>University of Wollongong, NSW, Australia</li></ul> |
| 2011-2019    | <b>Associate Professor of Geography</b><br><i>Geography Program, Water Resources Graduate Program</i><br>College of Earth, Ocean, and Atmospheric Sciences<br>Oregon State University, Corvallis, OR   |
| 2012-2013    | <b>Visiting Research Fellow (on sabbatical)</b><br><i>Australian Centre for Cultural and Environmental Research</i>  |

School of Earth and Environmental Sciences  
University of Wollongong, NSW, Australia

- 2006-2011      **Assistant Professor of Geography**  
*Department of Geosciences, Water Resources Graduate Program*  
Oregon State University, Corvallis, OR
- 2009-present      **Research Consultant**  
*Future West, Bozeman, MT*
- 2000-2006      **Professional Research Associate**  
*Center of the American West, University of Colorado, Boulder*
- 2001-2002      **Research Consultant**  
*Southern Rockies Ecosystem Project, Golden, CO*
- 1996      **Research Assistant**  
*Natural Resources Law Center*  
University of Colorado School of Law, Boulder, CO
- 1995      **Research Assistant**  
*Global Change and Environmental Quality Program*  
University of Colorado, Boulder, CO
- 1993-1995      **Research Assistant**  
*Department of Geography, University of Colorado, Boulder, CO*

## Publications

### ***Peer-Reviewed Journal Articles, Book Chapters, Book Reviews and Reports***

(\* Indicates first author is current or former graduate student)

75. Foster, E.J., **H. Gosnell**, S. Hunt, J. Hodbod, C.R. Levy, M.B. Machmuller, S.C. McClelland, M. Saifuddin, P. Stanley, A. Swan, T.J. Zelikova<sup>1</sup>, T. Filley. In review. A soil carbon sequestration primer for US agriculture and policy. *WIREs: Climate Change*.
74. Briske, D.D., S.R. Archer, E. Burchfield, W. Burnidge, J.D. Derner, **H. Gosnell**, J. Hatfield, C.E. Kazanski, M. Khalil, T.J. Lark, P. Nagler, O. Sala, N.F. Sayre, K. Stackhouse-Lawson. 2023. Supplying ecosystem services on US rangelands. *Nature Sustainability*. <https://doi.org/10.1038/s41893-023-01194-6>

73. Haggerty, J.H., K. Epstein, **H. Gosnell**, J. Rose, and M. Stone. 2022. Rural land concentration and protected areas: Recent trends from Montana and Greater Yellowstone. *Society & Natural Resources* DOI: [10.1080/08941920.2022.2038318](https://doi.org/10.1080/08941920.2022.2038318)
72. Smith, A., K. Epstein, **H. Gosnell**. 2021. Grazing the Fire – Poetry of Rangeland Science: A Review. *Society & Natural Resources*.  
<https://doi.org/10.1080/08941920.2021.2018077>
71. **Gosnell, H.**, K. Emard, and E.G. Hyde. 2021. Taking stock of social sustainability and the U.S. beef industry. *Sustainability* 13(21), 11860.  
<https://doi.org/10.3390/su132111860>
70. **Gosnell, H.** 2021. Regenerating soil, regenerating soul: An integral approach to understanding agricultural transformation. *Sustainability Science*.  
<https://doi.org/10.1007/s11625-021-00993-0>
69. Epstein, K., J. Haggerty, and **H. Gosnell**. 2021. With, not for, money: Ranch management trajectories of the super-rich in Greater Yellowstone. *Annals of the American Association of Geographers*.  
<https://doi.org/10.1080/24694452.2021.1930512>
68. Nash, C.S., G.E. Grant, S. Charnley, J. Dunham, **H. Gosnell**, M.D. Hausner, D.S. Pilliod, J.D. Taylor. 2021. Great expectations: Deconstructing the process pathways underlying beaver-related restoration. *BioScience* 71(3):249-267.  
<https://doi.org/10.1093/biosci/biaa165>
67. **Gosnell, H.**, S. Charnley, and P. Stanley. 2020. Climate change mitigation as a co-benefit of regenerative ranching: Insights from Australia and the United States. *The Royal Society Interface Focus* 10(5).  
<https://doi.org/10.1098/rsfs.2020.0027>
66. Charnley, S., **H. Gosnell**, R. Davee, J. Abrams. 2020. Ranchers and beavers: Understanding the human dimensions of beaver-related stream restoration on western rangelands. *Rangeland Ecology & Management*.  
DOI:[10.1016/j.rama.2020.04.008](https://doi.org/10.1016/j.rama.2020.04.008)
65. **Gosnell, H.**, K. Grimm, and B. Goldstein. 2020. A half century of Holistic Management: What does the evidence reveal? *Agriculture and Human Values* 37(3): 849-867 <https://doi.org/10.1007/s10460-020-10016-w>
64. **Gosnell, H.**, R. Kennedy, T. Harris, and J. Abrams. 2020. A land systems science approach to assessing forest governance and characterizing the emergence of social forestry in the Western Cascades of Oregon. *Environmental Research Letters*. <https://doi.org/10.1088/1748-9326/ab666b>

63. **Gosnell, H.**, N. Gill, M. Voyer. 2019. Transformational adaptation on the farm: Processes of change and persistence in transitions to “climate-smart” regenerative agriculture. *Global Environmental Change* 59: 101965. <https://doi.org/10.1016/j.gloenvcha.2019.101965>
62. Martin, J.V., K. Epstein, N. Bergmann, A.C. Kroepsch, **H. Gosnell**, and P. Robbins. 2019. Revisiting and revitalizing political ecology in the American West. *Geoforum* 107: 227-230. <https://doi.org/10.1016/j.geoforum.2019.05.006>
61. Epstein, K., J.H. Haggerty, **H. Gosnell**. 2019. Super-rich landowners in social-ecological systems: Opportunities in affective and life course perspectives. *Geoforum* 105: 206-209. <https://doi.org/10.1016/j.geoforum.2019.05.007>
60. \*Abrams, J., H. Huber-Stearns, **H. Gosnell**, S. Duffey, C. Moseley. 2019. Tracking a governance transition: Piloting indicators for ‘Social Forestry’ on national forestlands in the United States. *Society & Natural Resources*. <https://doi.org/10.1080/08941920.2019.1605434>
59. Batavia, C., J. Bruskotter, J. Jones, J. Vucetich, **H. Gosnell**, M. Nelson. 2018. Nature for whom? How type of beneficiary influences the effectiveness of conservation outreach messages. *Biological Conservation* 228:158-166. <https://doi.org/10.1016/j.biocon.2018.10.029>
58. \*Inman, T., **H. Gosnell**, D. Lach and K. Kornhauser. 2018. Social-ecological change, resilience and adaptive capacity in the McKenzie River Valley, Oregon. Special Issue: The American West after the Timber Wars. *Humboldt Journal of Social Relations* 40:68-89.
57. Dunham, J., P. Angermeier, S. Crausbay, A. Cravens, **H. Gosnell**, J. McEvoy, M. Moritz, N. Rahee and T. Sanford. 2018. Rivers are social-ecological systems: time to integrate human dimensions into riverscape ecology and management. *WIREs Water* 2018;e1291. <https://doi.org/10.1002/wat2.1291>
56. Arnold, C.A., **H. Gosnell**, M.H. Benson and R.K. Craig. 2018. Cross-interdisciplinary insights into adaptive governance and resilience. In: B. Cosens and L. Gunderson (eds.) *Practical Panarchy, Linking Law, Resilience and Adaptive Water Governance of Regional Scale Social-Ecological Systems*. New York, NY: Springer.
55. **Gosnell, H.** B.C. Chaffin, J.B. Ruhl, C.A. Arnold, R.K. Craig, M.H. Benson, A. Devenish. 2018. Enhancing compatibility between adaptive governance and the Endangered Species Act. In: B. Cosens and L. Gunderson (eds.) *Practical*

- Panarchy, Linking Law, Resilience and Adaptive Water Governance of Regional Scale Social-Ecological Systems*. New York, NY: Springer.
54. Craig, R.K., A. Garmestani, H. Birge, and **H. Gosnell**. 2018. Stability and flexibility in environmental law. In: B. Cosens and L. Gunderson (eds.) *Practical Panarchy, Linking Law, Resilience and Adaptive Water Governance of Regional Scale Social-Ecological Systems*. New York, NY: Springer.
  53. \*Chaffin, B.C., **H. Gosnell** and R.K. Craig. 2018. The emergence of adaptive governance in the Klamath Basin. In: B. Cosens and L. Gunderson (eds.) *Practical Panarchy, Linking Law, Resilience and Adaptive Water Governance of Regional Scale Social-Ecological Systems*. New York, NY: Springer.
  52. **Gosnell, H.**, B.C. Chaffin, J.B. Ruhl, C.A. Arnold, R.K. Craig, M.H. Benson, A. Devenish. 2017. Transforming [perceived] rigidity in environmental law through adaptive governance: A case of Endangered Species Act implementation. *Ecology and Society* 22(4):42. <https://doi.org/10.5751/ES-09887-220442>
  51. Pilliod, D., A.T. Rohde, S. Charnley, R. Davee, J. Dunham, **H. Gosnell**, G. Grant, M.B. Hausner, J. Huntington and C. Nash. 2017. Survey of beaver-related restoration practices in rangeland streams of the western U.S.A. *Environmental Management*. DOI 10.1007/s00267-017-0957-6
  50. Charnley, S., **H. Gosnell**, K. Wendel, M. Rowland and M. Wisdom. 2017. Cattle grazing and fish recovery on federal lands in the U.S.A: Can social-ecological system (SES) science help? *Frontiers in Ecology and the Environment* 16(S1): S11–S22, doi: 10.1002/fee.1751
  49. Arnold, C.A., **H. Gosnell**, M.H. Benson and R.K. Craig. 2017. Cross-interdisciplinary insights into adaptive governance and resilience. *Ecology and Society* 22 (4):14.
  48. \*Chaffin, B.C. and **H. Gosnell**. 2017. Beyond mandatory fishways: Federal hydropower relicensing as a window of opportunity for dam removal and adaptive governance of riverine landscapes in the United States. *Water Alternatives* 10(3): 819-839.
  47. Nielsen-Pincus, M.P., P. Sussman, D.E. Bennett, **H. Gosnell**, and R. Parker. 2017. The influence of place on the willingness to pay for ecosystem services. *Society & Natural Resources* 30(12): DOI: 10.1080/08941920.2017.1347976
  46. Gunderson, L. H., B. A. Cosens, B. C. Chaffin, C. A. (Tom) Arnold, A. K. Fremier, A. S. Garmestani, R. Kundis Craig, **H. Gosnell**, H. E. Birge, C. R. Allen, M. H. Benson, R. R. Morrison, M. C. Stone, J. A. Hamm, K. Nemec, E. Schlager and D. Llewellyn.

2017. Regime shifts and panarchies in regional scale social-ecological water systems. *Ecology and Society* 22(1):31. [online] URL: <http://www.ecologyandsociety.org/vol22/iss1/art31/>
45. Craig, R. Kundis, A. S. Garmestani, C. R. Allen, C. Anthony (Tony) Arnold, H. Birgé, D. A. DeCaro, A. K. Fremier, **H. Gosnell** and E. Schlager. 2017. Balancing stability and flexibility in adaptive governance: An analysis of tools available in U.S. environmental law. *Ecology and Society* 22 (2):3. [online] URL: <https://www.ecologyandsociety.org/vol22/iss2/art3/>
  44. Cosens, B. A., R. K. Craig, S. Hirsch, C. A. Arnold, M. H. Benson, D. A. DeCaro, A. S. Garmestani, **H. Gosnell**, J. Ruhl and E. Schlager. 2017. The role of law in adaptive governance. *Ecology and Society* 22 (1):30. [online] URL: <http://www.ecologyandsociety.org/vol22/iss1/art30/>
  43. Nelson, M.P., **H. Gosnell**, D. Warren, C. Batavia, M. Betts, J.I. Burton, E.J. Davis, M. Schulze, C. Segura, C. Friesen, S. Perakis. 2017. Enhancing public trust in federal forest management. In: B. van Horne and D. Olsen (eds.), *People, Forests, and Change: Lessons from the Pacific Northwest*. Washington D.C.: Island Press.
  42. Goralnik, L, M.P. Nelson, **H. Gosnell**, M.B. Leigh. 2016. Arts and humanities inquiry in the Long-Term Ecological Research Network: Empathy, relationships, and interdisciplinary collaborations. *Journal of Environmental Studies and Sciences* 7(2):361-373. doi:10.1007/s13412-016-0415-4
  41. \*Chaffin, B.C., A.S. Garmestani, **H. Gosnell**, R.K. Craig. 2016. Institutional networks and adaptive water governance in the Klamath River Basin, USA. *Environmental Science and Policy* 57:112-121.
  40. \*Bennett, D.E. and **H. Gosnell**. 2015. Integrating multiple perspectives on payments for ecosystem services through a social-ecological systems framework. *Ecological Economics* 116:172-181.
  39. \*Chaffin, B.C., R.K. Craig and **H. Gosnell**. 2015. Resilience, adaptation, and transformation in the Klamath River Basin social-ecological system. 51 *Idaho Law Review* 157-193.
  38. \*Chaffin, B.C. and **H. Gosnell**. 2015. Measuring success in adaptive management projects. In: C. Allen and A. Garmestani (eds.), *Adaptive Management of Social Ecological Systems*. New York, NY: Springer.
  37. Goralnik, L., M.P. Nelson, L. Ryan and **H. Gosnell**. 2015. Arts and humanities efforts in the US Long Term Ecological Research (LTER) Network: Understanding perceived values and challenges. In R. Rozzi, S.T.A. Pickett, J.B. Callicott, F.S.

- Chapin, M.E. Power and J.J. Armesto (eds.), *Earth Stewardship: Linking Ecology and Ethics in Theory and Practice*. New York, NY: Springer.
36. Nabhan, G., L. Lopez-Hoffman, **H. Gosnell**, J. Goldstein, R. Knight, C. Presnall, L. Gwin, D. Thilmany and S. Charnley. 2014. Payments for ecosystem services: Keeping working landscapes productive and functioning. In S. Charnley and T. Sheridan (eds.), *Stitching the West Back Together*. Chicago, IL: University of Chicago Press.
  35. \*Kelly, E. and **H. Gosnell**. 2014. Who will own the Mazama? Tribal power and forest ownership in the Klamath Basin. Special Issue: The State of Jefferson *Humboldt Journal of Social Relations* 36:102-117.
  34. Davis, E.J., L. Gwin, C. Moseley, **H. Gosnell** and H. Burright. 2014. Beer, beef, and boards: The role of intermediaries in payment for ecosystem services arrangements in northwestern Montana. *Journal of Environmental Planning and Management* 58(9):1562-1576.
  33. \*Chaffin, B.C., **H. Gosnell**, and B. Cosens. 2014. A decade of adaptive governance scholarship: Synthesis and future directions. *Ecology and Society* 19(3):56.  
<https://www.ecologyandsociety.org/vol19/iss3/art56/>
  32. \*Bennett, D.E., **H. Gosnell**, S. Lurie, S. Duncan. 2014. Utility engagement with payments for watershed services in the United States. *Ecosystem Services* 8:56-64. <http://dx.doi.org/10.1016/j.ecoser.2014.02.001>
  31. \*Abrams, J., J. Bliss, and **H. Gosnell**. 2014. Reflexive gentrification of working lands in the American West: Contesting the 'middle landscape'. *Journal of Rural and Community Development* 8(3):144-158.
  30. Lurie, S., D.E. Bennett, S. Duncan, **H. Gosnell**, M.L. Hunter, A.T. Morzillo, C. Moseley, M. Nielsen-Pincus, R. Parker, E.M. White. 2013. PES [Payment for Ecosystem Services] marketplace development at the local scale: The Eugene Water and Electric Board as a local watershed services marketplace driver. *Ecosystem Services* 6:93-103.
  29. \*Kelly, E., J. Bliss, and **H. Gosnell**. 2013. The Mazama returns: The politics and possibilities of tribal land reacquisition. *Journal of Political Ecology* 20:429-443.
  28. \*Smedstad, J. A. and **H. Gosnell**. 2013. Do adaptive co-management processes lead to adaptive co-management outcomes? A multi-case study of long-term outcomes associated with the National Riparian Service Team's place-based riparian assistance. *Ecology and Society* 18(4):8.

27. \*Abrams, J., **H. Gosnell**, N. Gill, and P. Klepeis. 2012. Re-creating the rural, reconstructing nature: An international literature review of the environmental implications of amenity migration. *Conservation and Society* 10(3):270-284.
26. \*Abrams, J., and **H. Gosnell**. 2012. The politics of marginality in Wallowa County, Oregon: Contesting the production of landscapes of consumption. *Journal of Rural Studies* 28(1):30-37.
25. **Gosnell H.**, N.R. Maness, and S. Charnley. 2011. Engaging ranchers in market-based approaches to climate change mitigation: Opportunities, challenges, and policy implications. *Rangelands* 64(6):20-24.
24. **Gosnell, H.**, N.R. Maness and S. Charnley. 2011. Profiting from the sale of carbon offsets: A case study of the Trigg Ranch. *Rangelands* 64(6):25-29.
23. Santelmann, M., **H. Gosnell**, and M. Meyers. 2011. Connecting children to the land: Place-based education in the Muddy Creek Watershed, Oregon. *Journal of Geography* 110(3): 91-106.
22. Fleishman, E., D.E. Blockstein, J.A. Hall, M.B. Mascia, M.A. Rudd, J.M. Scott, W.J. Sutherland, T. Baldwin, A. Bartuska, A.G. Brown, C.A. Christen, J. Clement, M.G. Collins, C.D. Duke, M. Eaton, B. Eichbaum, S.J. Fiske, **H. Gosnell**, M. Klein, J. Marqusee, B.R. Noon, J. Nordgren, P. Orbuch, J. Powell, K. Saterson, C. Savitt, B. Stein, M.S. Webster, A. Vedder. 2011. America's Top 40 priorities of policymakers for conservation science. *BioScience* 61:290-300.
21. Mendham, E., **H. Gosnell**, and A. Curtis. 2011. Agricultural land ownership change and natural resource management: comparing U.S. and Australian case studies. In G. Luck (ed.), *Demographic Change in Rural Australia*. New York: Springer.
20. Charnley, S., D. Diaz, and **H. Gosnell**. 2010. Mitigating climate change through small-scale forestry in the USA: Opportunities and challenges. *Small-Scale Forestry* 9(4):445-462.
19. **Gosnell, H.**, J. Kline, J. Duncan, and G. Chrostek. 2010. Is Oregon's land use planning program conserving forest and farm land? A systematic review of the evidence. *Land Use Policy* 28(1): 185-192. DOI 10.1016/j.landusepol.2010.05.012.



18. **Gosnell, H.** and J. Abrams. 2010. Amenity migration: Diverse conceptualizations of drivers, socioeconomic dimensions, and emerging challenges. *GeoJournal* 76(4):303-322. DOI 10.1007/s10708-009-9295-4.
17. **Gosnell, H.** and E. Kelly. 2010. Peace on the river? Social-ecological restoration and large dam removal in the Klamath Basin, Oregon, USA. *Water Alternatives* 3(2):362-383.
16. **Gosnell, H.** and D. Shinneman. 2010. The Human Landscape. In R.P. Reading, B. Miller, A.L. Masching, R. Edward, and M.K. Phillips (eds.), *Awakening Spirits: Wolves in the Southern Rockies*. Golden, CO: Fulcrum Publishing, pp. 79-100.
15. Miller, B., R.P. Reading, and **H. Gosnell**. 2010. Public Attitudes Toward Wolves and Wolf Recovery. In R.P. Reading, B. Miller, A.L. Masching, R. Edward, and M.K. Phillips (eds.), *Awakening Spirits: Wolves in the Southern Rockies*. Golden, CO: Fulcrum Publishing, pp. 103-117.
14. Robbins, P., K. Meehan, **H. Gosnell**, and S. Gilbertz. 2009. Writing the New West: A critical review. *Rural Sociology* 74(3):356-382.
13. Diaz, D., S. Charnley, and **H. Gosnell**. 2009. *Engaging Western Landowners in Climate Change Mitigation: A Guide to Carbon-Oriented Forest and Range Management and Carbon Market Opportunities*. Gen. Tech. Rep. PNW-GTR-801. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 81 pp.
12. **Gosnell, H.** 2009. Healing with Howls: Rewilding the Southern Rockies. In: P.N. Limerick, A. Cowell, and S.K. Collinge (eds.), *Remedies for a New West: Healing Landscapes, Histories, and Cultures*. Tucson, AZ: University of Arizona Press, pp. 134-152.
11. **Gosnell, H.** and G. Chrostek. 2008. Goal 3: Agricultural Lands. In *The Oregon Land Use Program: An Assessment of Selected Goals*. Institute for Natural Resources, Report to Oregon Department of Land Conservation and Development, pp. 34-55. Oregon State University, Corvallis, OR.
10. **Gosnell, H.** 2008. Revolution on the Range: The Rise of the New Ranch in the American West. (Book Review). *Rangelands* 30(5):44.
9. **Gosnell, H.**, J. H. Haggerty, and P. Byorth. 2007. Ranch ownership change and new approaches to water resource management in Southwestern Montana: implications for fisheries. *Journal of the American Water Resources Association* 43(4):990-1003.

8. **Gosnell, H.**, J. H. Haggerty and W. R. Travis. 2006. Ranchland ownership change in the Greater Yellowstone Ecosystem, 1990-2001: Implications for conservation. *Society and Natural Resources* 19(8):743-758.
7. **Gosnell, H.**, G. Preston, W. Travis. 2006. Socioeconomics: Impacts and Adaptation. In: J. Katzenberger (ed.), *Climate Change and the City of Aspen: An Assessment of Impacts and Potential Responses*. Aspen, CO: Aspen Global Change Institute, pp. 57-81.
6. **Gosnell, H.** and W. R. Travis. 2005. Ranchland ownership dynamics in the Rocky Mountain West. *Rangeland Ecology and Management* 58:191-198.
5. Shinneman, D. and **H. Gosnell**. 2003. The Human Landscape. In B. Miller, et al. (eds.), *Southern Rockies Wildlands Network Vision*. Golden, CO: Colorado Mountain Club Press.
4. **Gosnell, H.** 2001. Section 7 of the Endangered Species Act and the art of compromise: The evolution of a Reasonable and Prudent Alternative for the Animas-La Plata Project. *Natural Resources Journal* 41(3):561-626.
3. **Gosnell, H.** 1997. Water for the New West. In W.E. Riebsame, **H. Gosnell**, D.M. Theobald (eds.), *Atlas of the New West: Portrait of a Changing Region*. New York: W.W. Norton, pp. 80-93.
2. Riebsame, W.E., **H. Gosnell**, and D.M. Theobald. 1996. Land use and landscape change in the Colorado mountains I: Theory, scale, and pattern. *Mountain Research and Development* 16(4):395-405.
1. Theobald, D.M., **H. Gosnell**, and W.E. Riebsame. 1996. Land use and landscape change in the Colorado mountains II: A case study of the East River Valley. *Mountain Research and Development* 16(4): 407-418.

#### ***Non-Refereed Publications and Theses***

26. **Gosnell, H.** 2023. Regenerative Ranching: What is It and How Does it Benefit Ranchers? *Oregon Cattleman. Official Publication of Oregon Cattlemen's Association*. March 2023.
25. **Gosnell, H.** 2023. Taking Stock: Exploring Social Sustainability in Ranching and the U.S. Beef Industry. *Resilience: A Voice of the New Agrarianism, Issue 43*. Quarterly publication of Quivira Coalition. January 2023.

24. **Gosnell, H.** 2021. Gratitude and Reflection: What the Quivira Coalition and the Radical Center Means to Me. *Resilience: A Voice of the New Agrarianism, Issue 38*. Biannual publication of Quivira Coalition. January 2021
23. \*Bennett, D.E., M. Nielsen-Pincus, A. Ellison, A. Pomeroy, H. Burright, **H. Gosnell**, C. Moseley, and L. Gwin. 2014. *Barriers and opportunities for increasing landowner participation in conservation programs in the Interior Northwest*. Working Paper 49, Ecosystem Workforce Program, Institute for Sustainability, University of Oregon.
22. \*Bennett, D., A. San Filippo, R. Parker, M. Nielsen-Pincus, C. Moseley, **H. Gosnell**, S. Lurie, and S. Duncan. 2014. *Engaging businesses in local efforts to protect ecosystem services: Barriers and opportunities*. Briefing Paper 56, Ecosystem Workforce Program, Institute for Sustainability, University of Oregon.
21. **Gosnell, H.** 2000. *Water, Fish, Tribes, and Choice: A Geographic Evaluation of Endangered Species Act Implementation in the San Juan River Basin, USA*, PhD Dissertation, University of Colorado, Boulder. 409 pp.
20. Travis, W.R., **Gosnell, H.**, J.H. Haggerty, T. Dickinson, G. Mixon. 2003. *Ranchland Dynamics in the Greater Yellowstone Ecosystem: Summary Report*. Center of the American West, University of Colorado, Boulder. 42 pp. plus maps.
19. **Gosnell, H.**, J.H. Haggerty, T. Dickinson, G. Mixon and W.R. Travis. 2003. *Ranchland Dynamics in the Greater Yellowstone Ecosystem: Park County, Wyoming*. Center of the American West, University of Colorado, Boulder. 35 pp. plus maps.
18. **Gosnell, H.**, J.H. Haggerty, T. Dickinson, G. Mixon and W.R. Travis. 2003. *Ranchland Dynamics in the Greater Yellowstone Ecosystem: Sweet Grass County, Montana*. Center of the American West, University of Colorado, Boulder. 33 pp. plus maps.
17. **Gosnell, H.**, J.H. Haggerty, T. Dickinson, G. Mixon and W.R. Travis. 2003. *Ranchland Dynamics in the Greater Yellowstone Ecosystem: Carbon County, Montana*. Center of the American West, University of Colorado, Boulder. 26 pp. plus maps.
16. Haggerty, J.H., **H. Gosnell**, T. Dickinson, G. Mixon and W.R. Travis. 2003. *Ranchland Dynamics in the Greater Yellowstone Ecosystem: Madison County, Montana*. Center of the American West, University of Colorado, Boulder. 38 pp. plus maps.

15. Haggerty, J.H., **H. Gosnell**, T. Dickinson, G. Mixon and W.R. Travis. 2003. *Ranchland Dynamics in the Greater Yellowstone Ecosystem: Beaverhead County, Montana*. Center of the American West, University of Colorado, Boulder. 30 pp. plus maps.
14. Haggerty, J.H., **H. Gosnell**, T. Dickinson, G. Mixon and W.R. Travis. 2003. *Ranchland Dynamics in the Greater Yellowstone Ecosystem: Park County, Montana*. Center of the American West, University of Colorado, Boulder. 31 pp. plus maps.
13. Haggerty, J.H., **H. Gosnell**, T. Dickinson, G. Mixon and W.R. Travis. 2003. *Ranchland Dynamics in the Greater Yellowstone Ecosystem: Stillwater County, Montana*. Center of the American West, University of Colorado, Boulder. 18 pp. plus maps.
12. **Gosnell, H.**, J.H. Haggerty, T. Dickinson, G. Mixon and W.R. Travis. 2002. *Ranchland Dynamics in the Greater Yellowstone Ecosystem: Sublette County, Wyoming*. Center of the American West, University of Colorado, Boulder. 25 pp. plus maps.
11. Haggerty, J.H., **H. Gosnell**, T. Dickinson, G. Mixon and W.R. Travis. 2002. *Ranchland Dynamics in the Greater Yellowstone Ecosystem: Fremont County, Montana*. Center of the American West, University of Colorado, Boulder. 26 pp. plus maps.
10. Haggerty, J.H., **H. Gosnell**, T. Dickinson, G. Mixon and W.R. Travis. 2002. *Ranchland Dynamics in the Greater Yellowstone Ecosystem: Lincoln County, Montana*. Center of the American West, University of Colorado, Boulder. 25 pp. plus maps.
9. Travis, W.R., J. Hobson and **H. Gosnell**. 2002. *Ranchland Dynamics in the Greater Yellowstone Ecosystem*. Center of the American West, University of Colorado- Boulder. 23 pp.
8. **Gosnell, H.** 1998. Returning to the original intent of the Endangered Species Act. Editorial in *The Daily Camera*, Boulder, CO, Sunday, May 24, 1998.
7. **Gosnell, H.** 1995. *Rangeland Reform '94 and the Politics of the Old West: An Analysis of Institutional and Ideological Barriers to Reforming Federal Rangeland Policy*, MA Thesis, University of Colorado, Boulder, 137 pp.
6. Riebsame, W.E., D.M. Theobald, and **H. Gosnell**. 1994. *Assessing the social and ecological dimensions of changing land use patterns in the Colorado mountains*.

Report to the U.S. Forest Service, Contract No. 28-C3-750. Rocky Mountain Forest and Range Experiment Station, Ft. Collins, CO.

5. **Gosnell, H.** 1994. Case study: the proposed Lake Catamount ski area and Routt National Forest. Working Paper 94-53, February 1994, *Conflict Resolution Consortium Working Paper Series*, University of Colorado.
4. **Gosnell, H.** 1993. *Yosemite*. Chronicle Books: San Francisco.
3. **Gosnell, H.** 1992. Educational adventures in nature's classroom. *Yosemite* 54:1.
2. **Gosnell, H.** 1991. On the "cutting" edge in Yosemite. *Yosemite* 53:3.
1. **Gosnell, H.** 1991. Electric climber: Finding one's way in the age of motorized bolting. *Yosemite* 53:1.

### **Professional Presentations**

#### ***Invited Presentations (non-OSU)***

44. "Connections on the Farm: The Role of Relational Values in Agricultural Transformation" University of Edinburgh Global Academy of Agriculture and Food Systems Speaker Series, Edinburgh, Scotland, April 2023, INVITED SPEAKER.
43. "The Role of Trust in River Restoration" Restoring Riverscapes Workshop: Advancing Process-Based Actions, National Marine Fisheries Service/NOAA Fisheries West Coast Region, March 7-9, 2023, INVITED SPEAKER.
42. "Regenerating Soil, Regenerating Soul: The Role of Wonder, Awe and Curiosity in Planetary Transformation" Parsons Lodge Summer Series, Yosemite National Park, August 2022, INVITED SPEAKER.
41. "High Net Worth Ranch Owners and Regenerative Agriculture" University of Wollongong Geography Seminar Series, October 2022. INVITED SPEAKER.
40. "Regenerating Soil, Regenerating Soul: An Integral Approach to Understanding Agricultural Transformation" University of Edinburgh, 2022. INVITED SPEAKER.
39. "Drought in the American West" Fishtrap Seminar Series, January 30, 2022. INVITED SPEAKER.
38. "The Future of Irrigated Agriculture in the U.S. West" Western Colorado Food and Farm Forum, Annual Meeting of the Rocky Mountain Farmers Union, Montrose, CO, January 21-22, 2022. INVITED PLENARY SPEAKER.
37. "Conflict and Collaboration in the Klamath Basin" Western Colorado State

- University, Masters in Environmental Management Program, December 7, 2021. INVITED SPEAKER.
36. “A Primer on Rangelands and Ecosystem Services” Rangeland Carbon Tracking and Management Workshop, Woodwell Climate Research Center, Montana State University, September 27, 2021. INVITED SPEAKER.
  35. “Understanding Constraints and Enablers in Transitions to Regenerative Agriculture” Montana State University, Institute on Ecosystems Seminar Series. September 22, 2021. INVITED SPEAKER.
  34. “Human Dimensions of Beaver-Related Restoration” US Forest Service Webinar. June 15, 2021. INVITED SPEAKER.
  33. “Human Dimensions of Beaver-Related Restoration” U.S. Forest Service Webinar. May 20, 2021. INVITED SPEAKER.
  32. Pacific Northwest Drought Early Warning System Seminar Series, Northwest Climate Hub, US Department of Agriculture, April 26, 2021. INVITED SPEAKER (declined).
  31. “Protecting and Restoring Biocultural Diversity: The Role of Environmental Governance” School of Earth and Sustainability, Northern Arizona University, Flagstaff, AZ, March 22, 2021. INVITED SPEAKER.
  30. “The FERC Relicensing Process as a ‘Window of Opportunity’ for Large Dam Removal.” Dam removal: new environments and new landscapes? Social, cultural and political issues. An international seminar at *University of Poitiers Humanities and Social Sciences Research Center (Maison des Sciences de l’Homme et de la Société)*, Poitiers, France, December 3-4, 2015. INVITED SEMINAR PARTICIPANT.
  29. “Adaptive Governance for Resilient Protected Areas – Preparing for the Challenges Ahead.” IUCN (International Union for Conservation of Nature) World Parks Congress. Sydney, Australia, November 12-19, 2014. INVITED WORKSHOP ORGANIZER AND PRESENTER.
  28. “Social Science Perspectives on Holistic Management.” Savory Institute Annual Conference. London, England, August 1-2, 2014. INVITED PANELIST.
  27. “Peace on the River? The Emergence and Evolution of Collaborative Conservation in the Klamath Basin.” International Association for Public Participation North American 2014 Conference. Bend, OR, June 19, 2014. INVITED KEYNOTE SPEAKER.

26. "Toward Adaptive Governance in the Klamath Basin, USA". Resilience 2014, Montpelier, France, May 4-8, 2014. INVITED PANELIST.
25. "The Making of a Carbon Cocky: Toward Climate Smart Agriculture in NSW Australia." Australian Centre for Cultural and Environmental Research Seminar Series, University of Wollongong, NSW Australia, June 12, 2013. INVITED SPEAKER.
24. "Exploring Pathways to Sustainable Rural Futures in the American West." Annual Meeting of the NSF Long Term Ecological Research Science Council, HJA Andrews Experimental Forest, Blue River, OR, May 16, 2012. INVITED SPEAKER.
23. "Author Meets Critics: Peter Walker and Patrick Hurley, *Planning Paradise: The Politics and Visioning of Land Use in Oregon*." Annual Meeting of the Association of American Geographers, Seattle, WA, April 15, 2011. INVITED CHAIR AND PANELIST.
22. "Using Local Knowledge to Understand Land Use/Land Cover Change at Long Term Ecological Research (LTER) Sites." Annual Meeting of the Association of American Geographers, Seattle, WA, April 15, 2011. INVITED PANELIST.
21. "Can Carbon Markets Facilitate a Sustainability Transition on Rangelands in the American West? Limitations and Alternatives." Department of Environment and Society Seminar Series, Utah State University, March 21, 2011. INVITED SPEAKER.
20. "An Exploration of Opportunities for Agricultural Landowners to Prosper from Payment for Ecosystem Services." New Natural Resource Economy Forum, sponsored by the Institute for Policy Research & Innovation at the University of Oregon, Institute for Natural Resources at Oregon State University, and the Institute for a Sustainable Environment and the University of Oregon, Portland, OR, June 14, 2010. INVITED SPEAKER.
19. "Understanding and Enhancing the Role of Ranchers in Voluntary Carbon Markets." Annual Meeting of the California Rangeland Conservation Coalition, January 2010. INVITED SPEAKER.
18. "Opportunities, Challenges, and Limitations Related to Engaging American Ranchers in Carbon Offset Markets." The Berkeley Faculty Roundtable on Environmental Services in Rangeland Production Systems, University of California, Berkeley, December 2009. INVITED SPEAKER.
17. "Ranching in the New West." OSU Alumni Association Academy for Lifelong Learning, Corvallis, OR, April 2009. INVITED SPEAKER.

16. "Studying Exurbia and Amenity Migration." Annual Meeting of the Association of American Geographers, Las Vegas, NV, April 2009. INVITED PANELIST.
15. "When Ranching is for the Birds: Emerging Opportunities and Challenges Confronting the Rural American West." OSU Foundation, Alumni Weekend, Sunriver Resort, OR, June 2008. INVITED KEYNOTE SPEAKER.
14. "Methods, Approaches, and Theory Involved in Studying Exurbia and Amenity Migration." Annual Meeting of the Association of American Geographers, Boston, MA, April 15-20, 2008. INVITED PANELIST.
13. "Ranchland Ownership Dynamics in the American West and Implications for Conservation." Rural Voices for Conservation Coalition, 7<sup>th</sup> Western Annual Policy Meeting, Skamania Lodge, December 2007. INVITED SPEAKER.
12. "Can New Ranchers Save the Old West?" International Symposium on Society and Resource Management, Park City, UT, June 17-21, 2007. INVITED DISCUSSANT.
11. "Western Futures, or Geographies of Hope (and Chagrin) in the New West." Bureau of Reclamation Lands, Recreation, Cultural Resources, and Surveys Conference, Reno, NV, May 9, 2007. INVITED KEYNOTE SPEAKER.
10. "The Political Ecology of Ranch Ownership Change in the American West." Political Ecology Graduate Seminar, Department of Geography, University of Oregon, Eugene, OR, March 7, 2007. INVITED SPEAKER.
9. "The Social-Ecological Effects of Agricultural Landscape Change in the High Amenity American West." Department of Geography Colloquium, University of Oregon, Eugene, OR, November 2, 2006. INVITED SPEAKER.
8. "Water, Fish, Tribes, and Choice: A Geographic Evaluation of Endangered Species Act Implementation in the San Juan River Basin, USA." Department of Geography, Central Washington University, Ellensburg, WA, April 2005. INVITED SPEAKER.
7. "Wolf Reintroduction in the Southern Rockies." Environmental Studies Program, Western State College, Gunnison, CO, February 2005. INVITED SPEAKER.
6. "Ranchland Ownership Dynamics in the Greater Yellowstone Ecosystem, 1990-2001." Department of Geography, California State University, Chico, February 2005. INVITED SPEAKER.



5. "Words to Stir the Soul." Center of the American West, University of Colorado, Boulder, CO, August 26, 2004. INVITED SPEAKER.
4. "Healing the Southern Rockies Ecoregion: What Will it Take?" 2003-04 Chancellor's Community Lecture Series, co-sponsored by the CU-Boulder's Chancellor's Office, the Center of the American West, and the Colorado Chautauqua Association, Boulder, CO, April 7, 2004. INVITED SPEAKER.
3. "Ranchland Ownership Dynamics in the Greater Yellowstone Ecosystem, 1990-2001." Institute of Behavioral Science, Environment and Behavior Program, University of Colorado, Boulder, CO, February 2004. INVITED SPEAKER.
2. "Implementing Section 7 of the Endangered Species Act in the San Juan River Basin, USA: Constraints on the U.S. Fish and Wildlife Service's Decisionmaking Process." Department of Resource Recreation and Tourism, College of Natural Resources, University of Idaho, Moscow, ID, April 2000. INVITED SPEAKER.
1. "Saving Endangered Fish, Endangering Tribal Waters: The Endangered Species Act in the San Juan River Basin." Center of the American West Colloquium, University of Colorado, Boulder, CO, May 7, 1998. INVITED SPEAKER.

***Invited OSU Campus Presentations***

37. "A Social-Ecological Systems Approach to Research on Rangeland Governance in the U.S. West." Geography Fall Seminar Series. December 2021. INVITED SPEAKER.
36. "Constraints and Enablers Associated with Adoption of Regenerative Agriculture on Rangelands in the US West" College of Forestry NR 201, February 2021. INVITED SPEAKER.
35. "Doing Geographic Research in the Anthropocene". Undergraduate Honors Seminar in Environmental Humanities, "Dawn of the Anthropocene." Corvallis, OR, November, 2018. INVITED SPEAKER.
34. "Toward 'Climate-Smart' Regenerative Agriculture on Rangelands in Australia and the US West." College of Forestry NR 201, February 2018. INVITED SPEAKER.
33. "A Social-Ecological Systems Approach to Research on Forest and Rangeland Governance in the U.S. West." Geography Fall Seminar Series. December 2017. INVITED SPEAKER.

32. "Doing Geographic Research in the Anthropocene". Undergraduate Honors Seminar in Environmental Humanities, "Dawn of the Anthropocene." Corvallis, OR, November, 2017. INVITED SPEAKER.
31. "Geographic Perspectives on Environmental Arts and Humanities." Environmental Arts and Humanities Graduate Student Orientation, Cabin at Shotpouch Creek, OR, September, 2017. INVITED SPEAKER.
30. "Rural Sustainability in Malheur County" Rural Studies Program, Spring, 2017 (Sara Cunningham). INVITED SPEAKER.
29. "A Social-Ecological Systems Approach to Research on Forest and Rangeland Governance in the U.S. West." Geography Fall Seminar Series. December 2016. INVITED SPEAKER.
28. "Doing Geographic Research in the Anthropocene". Undergraduate Honors Seminar in Environmental Humanities, "Dawn of the Anthropocene." Corvallis, OR, November, 2016. INVITED SPEAKER.
27. "Putting the Malheur National Wildlife Refuge Standoff in Context." Department of Fisheries and Wildlife, May 11, 2016. INVITED SPEAKER.
26. "Putting the Malheur National Wildlife Refuge Standoff in Context." Department of Anthropology Tan Sack Seminar Series, May 27, 2016. INVITED SPEAKER.
25. "Militias, Mormons, and Malheur." School of History, Philosophy and Religion Flash Panel. Corvallis, OR, January 20, 2016. INVITED SPEAKER.
24. "Doing Geographic Research in the Anthropocene". Undergraduate Honors Seminar in Environmental Humanities, "Dawn of the Anthropocene." Corvallis, OR, November 6, 2015. INVITED SPEAKER.
23. "Climate Change and Water Resource Management in the Colorado River Basin: Biophysical and Human Dimensions." Climate Club Lunch: Braiding Disciplines, Oregon Climate Change Research Institute and Environmental Arts and Humanities Initiative, Corvallis, OR, April 15, 2014. INVITED SPEAKER.
22. "Transformational Adaptation on Australian Rangelands: Toward Climate Smart Agriculture." Geography, Environmental Science and Marine Resource Management Seminar Series, College of Earth, Ocean, and Atmospheric Sciences, Oregon State University, December 3, 2013. INVITED SPEAKER.
21. "Rural Sustainability in the U.S. West." OSU TRIAD Faculty/Staff Club Spring Seminar Series, Oregon State University, April 26, 2012. INVITED SPEAKER.

20. "When Ranching is for the Birds (and Fish): Drivers and Impacts of Ranchland Ownership Change in the High Amenity West." OSU Cascades Science Pub, McMenamins, Bend, OR, April 17, 2012. INVITED SPEAKER.
19. "What is Successful Adaptation? Community Resilience to Coastal Hazards and Climate Change." Oregon Sea Grant All-Hands Meeting, Corvallis, OR, March 8-9, 2012. INVITED SPEAKER.
18. "Rectification, Reterritorialization and Restoration in the Klamath Basin." Center for the Humanities Seminar Series, Oregon State University, November 14, 2011. INVITED SPEAKER.
17. "Geographic Contributions to the Field of Rural Studies." Guest lecture in RS 512, Introduction to Rural Studies, February 15, 2011. INVITED SPEAKER.
16. "Saying Sorry: Pathway to Social-Ecological Restoration?" History and Ecology Workshop, Horning Lecture Series, Oregon State University, February 4, 2011. INVITED SPEAKER.
15. "Social-ecological Resiliency and Environmental Governance in the U.S. West." Geography Program Fall Seminar Series, Department of Geosciences, Oregon State University, November 2, 2010. INVITED SPEAKER.
14. "Peace on the River? An Exploration of Linkages Between Social-Ecological Restoration and Indigenous Sovereignty in the Klamath Basin." First Annual Conference on the Role of Traditional Ecological Knowledge in Ecosystem Sustainability, College of Forestry, Oregon State University, May 14, 2010. INVITED SPEAKER.
13. "Maps and Locals (MALs): A Cross-Site Comparative Study of Land Cover and Land Use Change with Spatial Analysis and Local Ecological Knowledge." The Andrews Forest Symposium: Networks and Synthesis, April 20, 2010 (with M. McCune and D. Lach). INVITED SPEAKER.
12. "Peace on the River? Toward Social-Ecological Restoration in the Klamath Basin." Earth System Science for a Healthy Planet Seminar Series, Department of Geosciences, Oregon State University, April 1, 2010. INVITED SPEAKER.
11. "Social-ecological Resiliency and Rural Communities in the American West: Challenges and Opportunities." Geography Program Fall Seminar Series, Department of Geosciences, Oregon State University, October 2009. INVITED SPEAKER.

10. "An Overview of Research on Engaging Agricultural Landowners in the Voluntary Carbon Market." Oregon Climate Change Research Institute Conference and Retreat, Corvallis, OR, June 24, 2009. INVITED SPEAKER.
9. "Shift Happens: How Native Americans and Native Fish are Changing Rural Environmental Governance in the American West." Forest Ecosystems and Society Seminar Series, April 8, 2009. INVITED SPEAKER.
8. "Ranchland Ownership Change in the Greater Yellowstone Ecoregion: Implications for Conservation." Guest lecture in FOR 365, *Issues in Natural Resources Conservation*. January 20, 2009. INVITED SPEAKER.
7. "Exploring the Geographies of Agricultural Landscape Change in the American West." Geography Program Fall Seminar Series, Department of Geosciences, Oregon State University, Corvallis, OR, December 2008. INVITED SPEAKER.
6. "Geography of Agricultural Landscape Change in the American West." Guest lecture in GEO 329, Geography of North America, November 2008. INVITED SPEAKER.
5. "Engaging Rural Youth in a Geographic Evaluation of the Impacts of Dam Removal on Sustainability in the Upper Klamath Basin, Oregon." Contemporary Rural Issues Seminar, Oregon State University, November 28, 2007. INVITED SPEAKER.
4. "Drivers and Impacts of Rural Land Use Change in the American West." Geography Program Fall Seminar Series, Department of Geosciences, Oregon State University, Corvallis, OR, November 2007. INVITED SPEAKER.
3. "New Approaches to Environmental Governance in the Upper Klamath Basin." Learning Through Listening: Native American Issues in Rural Oregon Seminar, Oregon State University, March 27, 2007. INVITED SPEAKER.
2. "Multidisciplinary Research Adventures in the Klamath Basin." Social Sciences Research Roundtable, Oregon State University, Corvallis, OR, November 3, 2006. INVITED SPEAKER.
1. "The Social-Ecological Effects of Amenity Migration in the American West." Geography Program Fall Seminar Series, Department of Geosciences, Oregon State University, Corvallis, OR, October 2006. INVITED SPEAKER.

#### ***Other Meetings, Symposia, Conferences***

50. "Seeking Solutions to Land Challenges of the Anthropocene: Land Systems

- Science at the Interface of Normative and Policy Concerns.” Annual Meeting of the American Association of Geographers, Washington, DC, April 2019. PANELIST.
49. “A Land Systems Science Approach to Assessing Forest Governance and Characterizing the Emergence of Social Forestry in the Western Cascades of Oregon.” Annual Meeting of the American Association of Geographers, Washington, DC, April 2019. PRESENTER.
  48. “Understanding Personal Dimensions of Change and Persistence in Transitions to “Climate-Smart” Regenerative Agriculture.” Annual Meeting of the American Association of Geographers, New Orleans, LA, April 2018. PRESENTER.
  47. “Political Ecology of the American West: A New Generation.” Annual Meeting of the American Association of Geographers, New Orleans, LA, April 2018. DISCUSSANT
  46. “Reimagining Public Lands in the U.S. West.” Annual Meeting of the American Association of Geographers, Boston, MA, April 5-9, 2017. PANELIST AND PANEL ORGANIZER.
  45. “Rethinking the Regional Paradigm: The U.S. West.” Annual Meeting of the American Association of Geographers, Boston, MA, April 5-9, 2017. DISCUSSANT AND PANEL ORGANIZER.
  44. “Developing a Community Based Observing Network (CBON) for Ranchers in Wallowa County.” Presentation to Wallowa Resources and International Center for Advancement of Pastoral Systems (ICAPS) with Kyle Hogrefe. Enterprise, OR. December 2016. CO-PRESENTER.
  43. “Regenerating Soil, Regenerating the Soul: Theorizing the Role of the “Interior” in Farmers’ Transitions to Regenerative Agriculture.” Annual Meeting of the American Association of Geographers, San Francisco, CA, March 30-April 2, 2016. PRESENTER AND SESSION ORGANIZER.
  42. “Enhancing Private Land Conservation through Payments for Ecosystem Services: Ranchers’ Perspectives on the Role of Governance.” Annual Meeting of the American Association of Geographers, Chicago, IL, April 20-25, 2015. PRESENTER.
  41. “Enhancing the Capacity of Small and Medium Sized Ranch and Family Forest Owners to Prosper from Payments for Ecosystem Services (PES).” 68<sup>th</sup> Annual Meeting of the Society for Range Management, Sacramento, CA, January 31-February 6, 2015. POSTER PRESENTATION.
  40. “Transformational Adaptation on Australian Rangelands: Scaling Up Sustainable Agriculture Through Global Social Learning Networks.” Annual Meeting of the

- American Association of Geographers, Tampa, FL, April 8-12, 2014. PRESENTER.
39. "Obstacles to Implementing Payments for Watershed Services at the Landscape Scale: Addressing Ownership Differences in Emerging Water Utility Initiatives" (with Drew Bennett, S. Duncan, and S. Lurie). American Water Resources Association (AWRA) Annual Water Resources Conference, Portland, OR, November 5, 2013. CO-PRESENTER.
  38. "Enhancing the Capacity of Small and Medium Sized Ranch and Family Forest Owners to Prosper from Payments for Ecosystem Services (PES)." Research to Action Symposium: Ecosystem Services. Portland State University, Portland, OR, October 25, 2013. PRESENTER.
  37. "Enhancing the Capacity of Small and Medium Sized Ranch and Family Forest Owners to Prosper from Payments for Ecosystem Services (PES)." AFRI - AERC - Small and Mid-Sized Farms, Rural Communities and Entrepreneurship Project Director Meeting. Washington, D.C., February 21-22, 2013. PRESENTER.
  36. "Managing Rangelands for Ecosystem Services: Rancher Attitudes and Adoption of 'Payment for Ecosystem Services' Opportunities" (with Max Nielsen-Pincus). ACES and Ecosystem Markets Conference, Fort Lauderdale, FL, December 13, 2012. CO-PRESENTER.
  35. "The Roles of Intermediary Organizations and Networks in Getting Payments for Ecosystem Services to Forest and Range Landowners." 18<sup>th</sup> International Symposium on Society and Natural Resource Management, Edmonton, Alberta, Canada, June 17, 2012. PRESENTER.
  34. "Exploring Pathways to Adaptive Collaborative Management: A Multi-Case Study of the National Riparian Service Team's Place-Based Riparian Assistance." 18<sup>th</sup> International Symposium on Society and Natural Resource Management, Edmonton, Alberta, Canada, June 17, 2012. PRESENTER.
  33. "Enhancing the Capacity of Small- and Medium-Sized Ranch and Forestry Operations to Prosper from Payment for Ecosystem Services (PES)" 18<sup>th</sup> International Symposium on Society and Natural Resource Management, Edmonton, Alberta, Canada, June 17, 2012. POSTER PRESENTATION.
  32. "Holistic Management: Pathway to More Sustainable Food Production?" Annual Meeting of the American Association of Geographers, New York, NY, February 25, 2012. PRESENTER.
  31. "Rectification, Restoration and Reterritorialization in the Klamath Basin." Annual Meeting of the American Association of Geographers, New York, NY, February 25, 2012. PANELIST.

30. "Architectural Innovations for a Sustainability Transition on Rangelands in the American West." Earth System Governance, Colorado State University, May 2011. PRESENTER.
29. "Mitigating Climate Change on Rangelands in the American West: Carbon Markets and Governance Alternatives." Annual Meeting of the Association of American Geographers, Seattle, WA, April 15, 2011. PRESENTER.
28. "An Evaluation of Market-Based Mechanisms for Facilitating a Sustainability Transition on Rangelands in the American West." Resilience 2011, Arizona State University, March 11, 2011. PRESENTER.
27. "Engaging American Ranchers in Carbon Offset Markets: Limitations and Opportunities." Agri-Food XVII: Conference of the Australian and New Zealand Agri-Food Research Network, Monash University, Melbourne, Australia, November 28, 2010. PRESENTER.
26. "Community Capacity and Collective Management of Riparian Commons: An Evaluation of the National Riparian Service Team's Creeks and Communities Strategy." North American Regional Meeting of the International Association for the Study of the Commons (IASC), Arizona State University, Phoenix, AZ, September 2010. PRESENTER.
25. "Understanding and Enhancing Agricultural Landowners' Role in Climate Change Mitigation." Third Annual National Ecosystem Markets Conference, Raleigh-Durham, NC, June 23, 2010. PRESENTER.
24. "Identifying Factors Influencing Deforestation: Using Cross-Tabulation Matrix and Transition Probability Model." Annual Meeting of the Association of American Geographers, Washington, D.C., April 2010 (with Kangping Si and M. McCune).
23. "Opportunities, Challenges, and Limitations Related to Engaging U.S. Ranchers in Carbon Markets." Annual Meeting of the Association of American Geographers, Washington, D.C., April 2010. PRESENTER.
22. "Adapting Private Forest and Rangeland Management to Mitigate Climate Change: Policies and Practices." Annual Meeting of the Association of American Geographers, Las Vegas, NV, April 2009. PRESENTER.
21. "Adapting Private Forest and Rangeland Management to Mitigate Climate Change: Policies and Practices." Annual Meeting of the Society for Range Management, Albuquerque, NM, January 2009. PRESENTER.

20. "'Shift Happens': How Native Americans and Native Fish are Changing Rural Environmental Governance in the American West." Annual Meeting of the Association of American Geographers, Boston, MA, April 15-20, 2008. PRESENTER AND SESSION ORGANIZER.
19. "Engaging Rural Youth in a Geographic Evaluation of Impacts of Dam Removal on Social Sustainability in the Upper Klamath Basin, Oregon." Water in the Pacific Northwest: Moving Science into Policy and Action, State of Washington Water Research Center, Stevenson, WA, November 7, 2007 (with Kelley Thomas, Jason Hatch, and Lena Etuk).
18. "Contingencies and Collaboration on the Gentrifying Range in the American West." Annual Meeting of the Association of Pacific Coast Geographers, Long Beach, CA, October 17-21, 2007. PRESENTER.
17. "Uneasy Neighbors, or Partners in Multifunctionality? Ownership Heterogeneity and Transitional Moments and Spaces on Ranch Landscapes in the American West." The Sixth Quadrennial Conference of British, Canadian, and American Rural Geographers, Spokane, WA, July 15-20, 2007. PRESENTER.
16. "Random Acts of Restoration? Towards an Assessment of the Efficacy and Viability of Water Reallocation Strategies in the Upper Klamath Basin, Oregon." International Symposium on Society and Resource Management, Park City, UT, June 17-21, 2007. PRESENTER.
15. "New Approaches to Environmental Governance on Agricultural Landscapes in the American West." Annual Meeting of the Association of American Geographers, San Francisco, CA, April 17-21, 2007. PRESENTER AND SESSION ORGANIZER (ONE OF THREE SESSIONS).
14. "Engaging Rural Youth in a Geographic Evaluation of the Impacts of Dam Removal on Sustainability in the Upper Klamath Basin, Oregon." Annual Meeting of the Association of American Geographers, San Francisco, CA, April 17-21, 2007 (with Jason Hatch, Kelley Thomas, Lena Etuk, Kurt Peters, Lindsey Lyons).
13. "When Ranching is for the Birds (and Fish): Emerging Institutions for Natural Resource Management in the Klamath Basin, Oregon." AgriFood XIII: Annual Meeting of the Australasian Agri-Food Research Network, Dunedin, NZ, November 27-December 1, 2006. PRESENTER.
12. "Contested Waters: Amenity Migration and New Approaches to Water Resource Management in the Greater Yellowstone Ecosystem." Annual Meeting of the



Association of American Geographers, Chicago, IL, March 7-11, 2006. PRESENTER AND SESSION ORGANIZER (ONE OF FOUR SESSIONS).

11. "Ranch Ownership Change and New Approaches to Water Resource Management in Southwestern Montana: Implications for Fisheries." Annual Meeting of the American Water Resources Association, Seattle, WA, November 2005. PRESENTER.
10. "Ownership Change in the Working Landscapes of the Greater Yellowstone Ecoregion: Findings and Implications." 10<sup>th</sup> International Symposium on Society and Resource Management, Keystone, CO, June 2-6, 2004. PRESENTER.
9. "Ownership Change in the Working Landscapes of the Greater Yellowstone Ecoregion: Findings and Implications." Annual Meeting of the Association of American Geographers, Philadelphia, PA, March 14-19, 2004. PRESENTER.
8. "Where the Lear Jets and the Antelope Play: Changing Patterns of Ranchland Ownership in the Greater Yellowstone Ecoregion." Beyond the Arch: Community and Conservation in Greater Yellowstone and East Africa, 7<sup>th</sup> Biennial Scientific Conference on the Greater Yellowstone Ecosystem, Yellowstone National Park, WY, October 6-8, 2003. PRESENTER.
7. "Ranchland Ownership Dynamics in the Greater Yellowstone Ecoregion." Annual Meeting of the Society for Range Management, Casper, WY, February 1-6, 2003. PRESENTER.
6. "Ranchland Ownership Dynamics in the Rocky Mountain West: A Pilot Study." Annual Meeting of the Association of American Geographers, Los Angeles, CA, March 19-23, 2002. PRESENTER.
5. "Implementing the Endangered Species Act in the San Juan River Basin." Annual Meeting of the Association of American Geographers, Boston, MA, March 25-29, 1998. PRESENTER.
4. "Boosting Basin-of-Origin Protection: John Wesley Powell's Vision for Western Watersheds." Annual Meeting of the Pacific Coast Branch of the American Historical Association, San Francisco, CA, August 8-11, 1996. PRESENTER.
3. "Rangeland Reform '94 and the Politics of the Old West: Institutional and Ideological Barriers to Reforming Federal Rangeland Policy." Annual Meeting of the Association of American Geographers, Chicago, IL, March 14-18, 1995. PRESENTER.

2. "Institutional and Ideological Barriers to Reforming Federal Rangeland Policy: The Role of the 1934 Taylor Grazing Act." Biannual Meeting of the American Society of Environmental History, Las Vegas, NV, March 8-11, 1995. PRESENTER.
1. "The Social Ecology of Mountain Valley Development in Colorado." Fifth International Symposium on Society and Resource Management, Ft. Collins, CO, June 7-10, 1994 (with W.E. Riebsame and D.M. Theobald).

## Grants and Contracts

33. Metrics, Management and Monitoring: An Investigation of Rangeland and Pasture Soil Health and its Drivers. J. Rowntree (PI), R. Conser, F. Cotrufo, J. Derner, **H. Gosnell**, J. Hodbod, M. McKendree, K. Paustian, M. Raven, D. Scasta, and others. Foundation for Food and Agriculture Research. \$19,000,000. 2021-2026. (nearly \$1m to OSU)
32. Soil Health Management Systems for Northern California. C. Daley (PI), P. Alvarez, R. Baremore, D. Bertotti, D. Brady, K. Brantley, K. Buhr, R. Burgess, C. Carroll, J. Creque, **H. Gosnell**, A. Gunasekara, G. Liles, K. Manhart, J. Moffitt, L. Moffitt, K. Murphy, B. Owens, H. Podoll, F. Tjarnstrom. USDA Natural Resource Conservation Service, Regional Conservation Partnership Program. \$6,995,463. 2021-2026.
31. Engaging Private Landowners in Federally Funded Fish Habitat Restoration: Challenges and Opportunities. **H. Gosnell** (PI). US Fish and Wildlife Service Partners for Fish and Wildlife Program. \$95,000. 2021-2023.
30. Assessing the Social Sustainability of Ranching and the U.S. Beef Industry. **H. Gosnell** (PI). National Cattlemen's Beef Association. \$16,000. 2020-2021.
29. High Net Worth Property Ownership: Trajectories and Implications for Resource Management in Critical Conservation Landscapes. J. Haggerty (PI) and **H. Gosnell**. National Science Foundation, Geography and Spatial Sciences. \$280,000. 2018-2020.
28. Supporting "Climate-Smart Ranching" in Northeast Oregon with a Community-Based Observing Network. **H. Gosnell (PI)**, Robert Kennedy, Peder Nelson. USDA Washington Climate Hub. \$50,000. 2017-2018.
27. Supporting "Climate-Smart Ranching" in Northeast Oregon with a Community-Based Observing Network. **H. Gosnell (PI)**, Robert Kennedy, Peder Nelson. USDA Northwest Climate Hub. \$45,000. 2017-2019.

26. Comparative Research on Wildlife Conflict and Coexistence in Kenya and the US West. **H. Gosnell (PI)**. Oregon State University General Research Fund. \$10,000. 2015-2017.
25. Cultivating an International Pastoralist Network to Identify and Share Collaborative Landowner-Led Solutions to Conservation Challenges in Kenya and the U.S. West. **H. Gosnell (PI)**, Johnny Sundstrom, Kendra Sharp, Richard Knight, Paul Meiliara, Gary Burnett, Kelsey Silver. Colorado State University, Center for Collaborative Conservation Team Fellows Program. \$15,000, 3/2016-9/2017.
24. Socioeconomic Aspects of Beaver Management for Rangeland Restoration. S. Charnley (PI) and **H. Gosnell**. Part of an Interagency collaboration to develop and evaluate new strategies for watershed restoration addressing climate change impacts on water and ecosystems in the Great Basin. US Department of Interior Climate Science Center, USDA Northwest Regional Climate Hub, USFS Pacific Northwest Research Station, Great Basin Landscape Conservation Cooperative, \$77,011 with \$47,211 to OSU. 6/2015-9/2016.
23. Long Term Ecological Research Program at H.J. Andrews Experimental Forest (LTER7). National Science Foundation. M. Nelson (PI), M. Betts, **H. Gosnell**, S. Johnson, J. Jones (signatory PIs). \$6,000,000. 2014-2020.
22. Long Term Ecological Research Program at H.J. Andrews Experimental Forest (LTER6). Strategic Investment. National Science Foundation. **H. Gosnell (PI)**. \$29,240. 12/2013-6/2014.
21. Social-Ecological System Resilience, Climate Change and Adaptive Water Governance. B. Cosens and L. Gunderson (PIs), C. Allen, A. Arnold, M. Benson, R. Craig, A. Fremier, D. Goble, A. Garmestani, **H. Gosnell**, J.B. Ruhl. National Socio-Environmental Synthesis Center (SESYNC), National Science Foundation. \$xx. 6/2013-6/2015.
20. Cross Site Analysis and Synthesis of Arts and Humanities Engagement within LTER [NSF's Long Term Ecological Research Program]. M. Nelson (PI), F. Swanson, **H. Gosnell**, M. Leigh and L. Goralink. National Science Foundation LTER Network Office. \$31,968. 12/1/12-7/31/13.
19. Exploring New Approaches to Evaluating the Suitability of Federal Lands for Grazing in Eastern Oregon. S. Charnley (PI) and **H. Gosnell**. US Forest Service Pacific Northwest Research Station. \$49,998. 8/14/12-12/31/15.
18. Successful Adaptation: Identifying Effective Process and Outcome Characteristics and Practice-Relevant Metrics. P. Matson (PI), S. Moser, **H. Gosnell**, A. Snover. West Coast Sea Grant Social Science Program. \$227,153. 2/1/12-1/31/14.

17. Utilities and Corporations as Ecosystem Service Buyers: Innovative Opportunities for Small and Medium-Sized Farms and Rural Communities. S. Duncan (PI), S. Lurie, **H. Gosnell**, C. Moseley, M. Nielsen-Pincus, A. Morzillo, E. White, R. Parker, A. West. USDA National Institute for Food and Agriculture. \$500,000. 6/1/11-5/31/14.
16. Adaptive Co-Management of Riparian Resources: An Effective Strategy for Addressing Multiple Interacting Environmental Threats? **H. Gosnell** (PI). USDA Forest Service Western Wildland Environmental Threat Center. \$18,640. 9/30/10 – 4/30/12.
15. Characterizing Land-Cover and Land-Use Change with Parcel Data Analysis: A Methodological Contribution to the ‘Maps and Locals’ NSF LTER Project. Matthew Vogt (**H. Gosnell**, advisor), Christian John Hunt Memorial Fund Undergraduate Research Award, Department of Geosciences, \$1650 + travel to Association of American Geographers Annual Meeting. 9/30/10 – 6/15/11.
14. Enhancing the Capacity of Small and Medium Sized Ranch and Forestry Operations to Prosper from Payment for Ecosystem Services. **H. Gosnell** (PI), C. Moseley, M. Nielsen-Pincus, L. Gwin, J. Honey. USDA National Institute for Food and Agriculture. \$500,000. 6/1/10 – 5/31/13.
13. An Evaluation of the National Riparian Service Team’s ‘Creeks and Communities’ Strategy. **H. Gosnell** (PI), L. Etuk. US Forest Service Pacific Northwest Research Station. \$86,782. 4/1/09 – 5/1/14.
12. An Evaluation of the Effectiveness and Outcomes of the Nueces River Authority Riparian Landowner Network. **H. Gosnell** (PI). Nueces River Authority, Uvalde, TX. \$5000. 3/15/10 – 6/15/11.
11. Maps and Locals: (MALs): A Cross-Site LTER Comparative Study of Land-Cover and Land-Use Change with Spatial Analysis and Local Ecological Knowledge. D. Lach (PI), **H. Gosnell**. National Science Foundation, Long Term Ecological Research Program. \$43,000. 4/1/09 – 3/31/11.
10. Adapting Private Forest and Ranch Management to Mitigate Climate Change: Policies and Practices. S. Charnley and **H. Gosnell**. USDA Forest Service, Pacific Northwest Research Station. \$119,918. 4/30/08 – 5/29/13.
9. Oregon Land Use Program Assessment Project. An Evaluation of Oregon’s Statewide Planning Goals and Guidelines. L. Gaines (PI), **H. Gosnell**, J. Kline, J. Good, E. Bassett. Oregon Department of Land Conservation and Development. \$100,158. 4/15/08 – 8/30/08.

8. Assessing the Social Sustainability of Emerging Environmental Governance Structures and Restoration Efforts on “Off-Project” Irrigated Lands in the Upper Klamath Basin. **H. Gosnell** (PI), Gail Achterman, Denise Lach, Kurt Peters, Desiree Tullos, Lindsey Lyons, Lena Etuk, and Mark Meyers. Institute for Water and Watersheds/USGS Small Grants Program, OSU. \$32,658. 6/1/07 – 6/1/08.
7. Engaging Rural Youth in a Geographic Evaluation of the Impacts of Dam Removal on Social Sustainability in the Upper Klamath Basin, Oregon. **H. Gosnell** (PI), J. Hatch, K. Thomas, L. Etuk, K. Peters, L. Lyons. MyCOE (My Community One Earth) Constellation Grant, Association of American Geographers. \$2000. 10/2006 – 4/2007.
6. How Does Oregon’s State Land Use Planning System Affect Rural Sustainability? Collaborative, Multidisciplinary Learning in the Klamath Basin, Oregon. **H. Gosnell** (PI), Gail Achterman, William Jaeger, Denise Lach, Lindsey Lyons, and Desiree Tullos. Sustainable Rural Communities Innovative Project Fund Seed Grant, OSU. \$6000. 6/1/06 – 6/1/07.
5. Collaborative Learning Towards Sustainable Agricultural Landscapes in Muddy Creek Watershed, Oregon. M. Santelmann (PI), **H. Gosnell**, M. Meyers, L. Greenfield. Institute for Water and Watersheds/USGS Small Grants Program, OSU. \$44,978. 6/1/06 – 6/1/07.
4. Climate Change and the City of Aspen: An Assessment of Impacts and Potential Responses. **H. Gosnell**, G. Preston, W. Travis. Aspen Global Change Institute. \$20,000. 4/05 – 4/06.
3. Beverly Sears Dean’s Small Grant. **H. Gosnell**. Department of Geography, University of Colorado, Boulder. \$375. (1999).
2. Beverly Sears Dean’s Small Grant. **H. Gosnell**. Department of Geography, University of Colorado, Boulder \$500. (1997).
1. Conference Travel Grants. **H. Gosnell**. Graduate School, University of Colorado, Boulder. \$250/yr. (1994-1999).

## **Awards, Fellowships, Scholarships, Other Recognition**

### **National and International**

2022                      OpEd Public Voices Fellowship.

- 2015 Radical Center Researcher Award, The Quivira Coalition, “to recognize those individuals who have shown remarkable and enduring leadership in the difficult job of working in the radical center - the place where people are coming together to explore their common interests rather than argue their differences” (Other winners include Dr. Richard Knight, Dr. Gary Paul Nabhan, Dr. Jonathan Overpeck, Dr. Christine Jones)
- 2012-present Invited Associate Member  
Australian Centre for Cultural and Environmental Research  
School of Earth and Environmental Sciences  
University of Wollongong, NSW, Australia
- 2002 Honorable Mention, Universities Council on Water Resources  
Research Committee Award for the Outstanding Water Resources  
Ph.D. Dissertation in the Field of Water Policy and Socio-Economics.

### **State and Regional**

- 1995 Brown-Ricketts-Udick Award. American Association of University Women, Boulder, CO Branch.

### **University and Community**

- 2017 Better Selves Fellowship, Knoll Farm, Fayston, VT. (A selective fellowship for individuals working in the fields of social justice, human well-being and conservation who can benefit from time to pursue a specific project, question or need.)
- 2014 Global Learning Community Member, Center for Teaching and Learning, Oregon State University.
- 2011 Center for the Humanities Fellowship, Oregon State University
- 2008 L.L. Stewart Faculty Development Award, Oregon State University
- 2008 Fellowship, Center for Whole Communities “Finding the Story” Workshop, Muir Beach, CA. Offered to select alumni of Whole Thinking Leadership Retreats (see below). Training and practice in communication re: conservation to enhance leadership effectiveness.

2007	Fellowship, <u>Center for Whole Communities Whole Thinking Leadership Retreat</u> , Fayston, VT. Six-day residential leadership development program offered to diverse conservation leaders from around the country.
1997-1998	Graduate Internship in Environmental Science, <u>Edna Bailey Sussman Foundation</u> . This funded dissertation fieldwork in Durango, CO.
1994 and 1997	Mabel Duncan Memorial Scholarship, Department of Geography, <u>University of Colorado, Boulder</u> .
1993-2000	University Fellowships, Graduate School, <u>University of Colorado, Boulder</u> .

## Service

### University Service

#### *Service to the Department and College (OSU and University of Colorado)*

2023-2024	Chair, <u>Promotion and Tenure Committee</u> , CEOAS
2022-present	<u>Senior Faculty Review Committee</u> , CEOAS
2020-present	<u>Promotion and Tenure Committee</u> , CEOAS
2019-2020	<u>College Leadership Team</u> , CEOAS
2019-present	<u>Graduate Program Committee</u> , CEOAS
2018-2020	<u>GEM Awards Committee</u> , report to CEOAS Awards Committee
2017-2020	<u>Peer Review of Teaching Committee</u> , CEOAS
2016-present	Advisor, <u>Shiloh Sundstrom Memorial Scholarship Fund</u> , Geography
2016-2017	<u>Promotion and Tenure Committee</u> , CEOAS
2016	<u>Co-Coordinator</u> , Spring Geography Seminar Series, CEOAS
2015-2016	<u>Chair, Search Committee</u> for 2 Geospatial Analytics Positions, CEOAS

2015	<u>Search Committee</u> , Interim Dean of CEOAS
2014-2015	<u>Search Committee</u> , 2 Geospatial Intelligence Positions, CEOAS
2010-2015	<u>CEOAS Graduate Committee</u> . Participate in discussions re: graduate program application process, Teaching Assistant assignments, funding sources for graduate students, and other graduate student related matters
2013-2014	<u>Peer Review Teaching Committee</u> . Participate in evaluation of CEOAS faculty teaching performance.
May 2012	Judge, Student Presentations, Water Research Symposium, <u>Water Resources Graduate Program</u> .
2011-2012	<u>College of Earth, Ocean, and Atmospheric Sciences Strategic Planning Committee</u> . Develop strategic plan for newly formed CEOAS.
June-Dec 2011	<u>Chair, Search Committee</u> for Full-Time Geography Instructor, Geography Program. Coordinate search committee, develop position description, advertise position, coordinate review of 64 applications, coordinate telephone and in-person interviews, etc.
2009-2011	<u>Geosciences Department Advisory Committee</u> . Participate in discussions re: degree programs, faculty hiring priorities, procedures for evaluating department Chair, etc.
2010-2011	<u>Special GEO/COAS Merger Committee</u> . Assist with development of new BS Degree in Earth Sciences in collaboration with COAS faculty and writing of Category I proposal.
2009-2010	<u>Curriculum Committee</u> . Review and provide input on curriculum modification proposals from other departments.
2007-2009	<u>Library Committee</u> . Served as liaison between department and library.
2007-2008	Assisted with <u>New Graduate Student TA Orientation</u> for 2 years. Co-led sessions on tips and troubleshooting with Jon Kimerling.
June 2008	Invited Panelist, <u>Professional Development Workshop for Aspiring Academics</u> , organized by Geosciences graduate students and the



EDGE (Enhancing Departments in Geography Education) Program, Association of American Geographers.

- Jan 2008      Assisted OSU Foundation (Anne Ruggiero) in recruiting an alumni donor, resulting in \$30,000 donation to Department of Geosciences for graduate student research on rural sustainability.
- July 2007      Department of Geosciences Representative, DaVinci Days, Corvallis, OR. Assisted with interpretation of Geosciences display to the public.
- 1993-1994      Graduate Student Representative, Department of Geography, University of Colorado, Boulder.

***Service to the University (OSU and University of Colorado)***

- 2021-2022      CIMER Facilitator - Graduate Mentoring Program – trained in facilitation and co-facilitated one introductory workshop.
- 2018-2019      Faculty Student Mentoring Program. Receive training in mentoring and mentor 5 students in OSU's pilot FSMP to increase student retention of first-year students and their success at OSU.
- 2017-present      Graduate Committee, Environmental Arts and Humanities Program. Contribute to admissions decisions and discussions re: curriculum, program development.
- April 2016      Organizer, Host, Facilitator, and Participant, The Future of Pastoralism in an Era of Rapid Change: A Symposium on Collaborative, Community-Based Solutions to Conservation Challenges in Kenya and the U.S. West. Sponsored by CEOAS, CAS, COF, Oregon State University.
- 2014-present      Advisory Board, Environmental Arts and Humanities Program
- 2013-2014      Search Committee, Director of Environmental Humanities Initiative.
- 2010-2020      Executive Committee, H.J. Andrews Experimental Forest Long Term Ecological Research Program, NSF. Lead Social Scientist. Participate in long-term planning for LTER activities, grant proposal preparation, etc.

2008-2020	<u>Advisory Committee, Natural Resources Program.</u> Contribute to discussions re: curriculum, program development.
2006-2020	<u>Executive Committee, Rural Studies Program.</u> Engage in planning, evaluation, and decision making processes relevant to the Sustainable Rural Communities Initiative (SRCI), including development of Rural Studies minor and certificate program; represent OSU's Rural Studies Program and the SRCI at various public events across the state; assist in the recruitment, selection and hiring of new SRCI faculty; assist in securing external funding in support of both the SRCI and the Rural Studies Program (e.g. NSF IGERT proposals).
2006-present	<u>Water Resources Graduate Program, Graduate Faculty.</u> Review graduate applicants. Advise students in the Water Resources Policy and Management Program.
2006-2020	OSU Delegate (appointed) to <u>Universities Council on Water Resources.</u> UCOWR consists of over 90 member universities and organizations throughout the world. Each member university appoints up to eight faculty or staff as UCOWR delegates.
April 2010	External Review Panel, <u>Institute for Natural Resources.</u> Participated in panel discussion of INR strengths and weaknesses; future directions.
June 2008	Invited Speaker and Tour Guide, <u>OSU Advancement and OSU Foundation,</u> OSU President's Weekend, Sunriver, OR, June 20-22, 2008. I was asked to give the main presentation on my research at Saturday night dinner.
May 2008	Invited Participant, Trillium Project, <u>Spring Creek Project for Ideas, Nature and the Written Word.</u> Served as OSU representative at Spring Creek Project's Shotpouch Cabin in the Coast Range, with the aim of attracting and engaging with non-University invitees.
April 2007	Invited Participant in 4 hr Media Training Program, <u>OSU University Advancement.</u> These training sessions provide guidance on how to interact with media and represent OSU more effectively.
August 2006	IWW/INR Representative. Invited to accompany Directors of the <u>Institute for Natural Resources and the Institute for Water and Watersheds</u> (Achtermann and Campana) on 3 day tour of southern and central Oregon communities aimed at interacting with

individuals involved in water resource management to promote the recently established Institute for Water and Watersheds and the capabilities of OSU faculty engaged in water-related research.

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| April 2006 | Judge, Poster Competition, "Oregon State University Symposium on The Engaged University: Building Effective University--Community Partnerships." Sponsored by <u>Sustainable Rural Communities Initiative</u> . |
| 1994-1995  | Colloquium Committee, <u>Center of the American West</u> , University of Colorado, Boulder. Assisted CAW ED with recruiting and hosting guest speakers.   |
| 1994       | Geography Department Representative, <u>United Government of Graduate Students</u> , University of Colorado, Boulder.   |
| 1994       | Internal Review Committee for <u>University of Colorado School of Law</u> , Program Review Panel, University of Colorado, Boulder.  |

## Service to the Profession

### ***Peer-Review of Scholarly Publications, Editorial Boards***

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|--------------|---|
| 2021-present | Editorial Board, <i>Progress in Environmental Geography</i>   |
| 2019         | Guest Editor, <i>Environmental Research Letters</i> , Focus Issue on the Social-Ecological Future of the American West  |
| 2019-2023    | Editorial Board, <i>Anthropocene</i>  |
| 2016-2019    | Editorial Board, <i>Annals of the Association of American Geographers</i> , Nature and Society Section  |
| 2010-2018    | Editorial Board, <i>Journal of Rural Social Sciences</i>  |
| 2011-2015    | Editorial Board, <i>Rangeland Ecology and Management</i>  |
| 2005-Present | Reviewer, Scholarly Journals <ul style="list-style-type: none"> <li>▪ <i>Agricultural Systems</i></li> <li>▪ <i>Agriculture and Human Values</i></li> <li>▪ <i>Annals of the American Association of Geographers</i></li> <li>▪ <i>BioScience</i></li> <li>▪ <i>Canadian Geographer</i></li> <li>▪ <i>Conservation and Society</i></li> </ul> |

- *Conservation Biology*
- *Current Research in Environmental Sustainability*
- *Ecology and Society*
- *Environment & Planning C: Government & Policy*
- *Environmental Management*
- *Frontiers in Sustainable Food Systems*
- *Geoforum*
- *Geographical Review*
- *Global Environmental Change*
- *Humboldt Journal of Social Relations*
- *International Journal of the Commons*
- *International Journal of Wildland Fire*
- *Journal of Cultural Geography*
- *Journal of Environmental Management*
- *Journal of Land Use and Society*
- *Journal of Rural Studies*
- *Land Use Policy*
- *Rangeland Ecology and Management*
- *Rangelands*
- *Society and Natural Resources*
- *Sustainability Science*
- *The Professional Geographer*

***Peer Review of Grant Proposals, NSF Program Panels, Book Proposals***

September 2018	Reviewer, National Science Foundation, LTER Program. I was asked to review the ramp-down proposal for the Baltimore Ecosystem Studies (BES) site.
April 2018	Invited Panelist, <u>National Science Foundation</u> , LTER Renewal. I was asked to evaluate the social science components of the renewal proposals.
September 2015	Invited Panelist, <u>National Science Foundation</u> EPSCoR RSV for iUTAH project: “Innovative Urban Transitions and Arid-Region Hydro-Sustainability”
June 2011	Invited Panelist, <u>National Science Foundation</u> Midterm Site Review Team for the Coweeta (CWT) LTER Project, North Carolina. I was asked to evaluate the social science component of the program.
October 2009	Invited Panelist, <u>National Science Foundation</u> Midterm Site Review Team for the Florida Coastal Everglades (FCE) LTER

Project, Miami, Florida. I was asked to evaluate the social science component of the program.

- June 2009      Invited Panelist, National Science Foundation, SBE/IGERT Working Group, to review IGERT pre-proposals at NSF headquarters.
- June 2008      Invited Panelist, National Science Foundation, SBE/IGERT Working Group, to review IGERT pre-proposals at NSF headquarters.
- 2005-Present      Reviewer, Grant Proposals
- National Science Foundation (4)
  - National Geographic Society (1)
  - University of Idaho Agricultural Experiment Station Hatch Act Funding Program (1)
  - Austrian Science Fund (2)

***Service to the American Association of Geographers (National and Regional)***

- February 2022      Organizer, Chair, Panelist. "Authors Meet Critics: Climate and Society: Transforming the Future, by Robin Leichenko and Karen O'Brien. Annual Meeting of the American Association of Geographers, New York, NY.
- April 2019      Co-organizer, Biennial Land Systems Science Symposium, Annual Meeting of the American Association of Geographers, Washington, DC.
- April 2019      Organizer, Chair, Discussant, Human Dimensions of Global Change Specialty Group Awards Ceremony, Annual Meeting of the American Association of Geographers, Washington, DC.
- 2018-2020      Elected Chair, Human Dimensions of Global Change Specialty Group, Association of American Geographers
- April 2016      Co-organizer (with J. Haggerty), series of 2 sessions, "The Interior in Social-Ecological Systems Research," Annual Meeting of the American Association of Geographers, San Francisco, CA
- 2011-2012      Board of Directors, Rural Geography Specialty Group, Association of American Geographers
- 2008-2011      Elected Chair, Rural Geography Specialty Group, Association of American Geographers

2006-2007	Appointed Chair, Membership Committee, <u>Association of Pacific Coast Geographers</u>
April 2008	Co-organizer (with P. Hurley), special session, "Political Ecology of Rural Land Use Change in the U.S. Context," <u>Annual Meeting of the Association of American Geographers</u> , Boston, MA
July 2007	Selected AAG Delegate to <u>6<sup>th</sup> Quadrennial Conference of British, Canadian and American Rural Geographers</u> , Spokane, WA
April 2007	Co-organizer (with P. Hurley), series of 3 sessions, "Environmental Governance in the Rural American West," <u>Annual Meeting of the Association of American Geographers</u> , San Francisco, CA
April 2006	<u>Co-organizer</u> (with V. Cadieux, P. Hurley, J. Haggerty), series of 4 special sessions. "Exurbanization and Amenity Migration," <u>Annual Meeting of the Association of American Geographers</u> , Chicago, IL. Several papers from these sessions were incorporated into an edited special issue of <i>GeoJournal</i> (2009).

#### ***Other Professional Service***

2023	<u>The Work That Reconnects</u> Facilitator Training – Oakland, CA, February, 2023
2022-present	<u>Inner Development Goals</u> Project, Scientific Advisory Board, Stockholm, Sweden.
2021-2024	Invited Coordinating Lead Author for UN <u>Intergovernmental Platform on Biodiversity and Ecosystem Services</u> (IPBES) Transformative Change Assessment, Chapter 5, Montpellier, France
2019	Invited Subject Expert (Rangelands), Workshop on Revision of the State of Oregon's Climate Change Adaptation Framework, <u>Oregon Department of Land Conservation and Development</u> , Salem, OR
2018-Present	<u>Union of Concerned Scientists Network</u> (e.g. participated in Climate Science Education Day with other CEOAS faculty, Oregon Legislature, February 2018)
2017-2020	Lead, Ecosystem-based Adaptation Thematic Group, Commission on Ecosystem Management, <u>International Union for the Conservation of Nature</u> , Gland, Switzerland.

- Nov 2016-Feb 2017     Invited Independent Scientific Review Panelist, Northwest Forest Plan Science Synthesis, Ecological Society of America
- April-Nov 2016        Invited Independent Scientific Review Panelist, California WaterFix Biological Opinion. State of California Delta Stewardship Council, Sacramento, CA.
- April 2014              Invited Inaugural Member, International Union for Conservation of Nature, Commission on Ecosystem Management and Ecosystem Management Programme, Resilience Thematic Group, Specialist Network. Provide technical advice to resource managers, build networks of resilience-based practice within fields of interest, contribute to resilience scholarship and policy discourse.
- February 2010         Invited Workshop Participant, "America's Top 40 Priorities of Policymakers for Conservation Science." Sponsored by Society for Conservation Biology's Social Science Working Group, University of California-Santa Barbara Bren School of the Environment, National Council for Science and the Environment. The workshop convened approximately 40 "thought leaders" in the public, private, and nonprofit sectors to discuss priorities and contribute to a manuscript submitted to *Bioscience* (see Fleishman, et al. 2011, in pubs).

#### ***Media Appearances/Interviews***

- Civil Eats – Regenerative Agriculture – January 2023
- KGW-8 News – Regenerative Agriculture – December 2022
- OPB Think Out Loud – Regenerative Agriculture – March 2022
- PBS NewsHour - Klamath Basin – July 2021
- Al Jazeera, Fault Lines - Klamath Basin – July 2021
- The Guardian - Klamath Basin – July 2021
- OPB Think Out Loud – Klamath Basin – June 2021
- Underscore News - Klamath Basin – June 2021
- National Geographic - Klamath Basin – June 2021
- Klamath Herald and News - Klamath Basin – June 2021
- Inside Climate News - Klamath Basin – June 2021
- Jefferson Radio - Klamath Basin – June 2021

#### ***Memberships in Professional Societies***

American Association of Geographers  
*Human Dimensions of Global Change Specialty Group*  
*Cultural and Political Ecology Specialty Group*

*Rural Geography Specialty Group*  
*Indigenous Peoples Specialty Group*  
*Water Resources Specialty Group*  
*Geographies of Food and Agriculture Specialty Group*  
 International Association for Society and Natural Resources  
 Society for Conservation Biology  
 Society for Range Management  
 American Water Resources Association

## **Service to the Public (professionally related)**

### ***Service to Non-Profit Organizations***

2022-present	Program Advisor, <u>Oregon Climate and Agriculture Network</u> , Portland, OR. Advise on the development, planning and implementation of ORCaN's programs.
2021, 2022	Planning Committee, Train the Trainer in Farming for Climate Resilience. <u>Oregon Climate and Agriculture Network</u> , Portland, OR
2020-present	Advisory Committee, <u>Solutions from the Land</u> , Sustainable Development Goals Committee, Lutherville, MD
2020-present	Board of Directors, <u>Quivira Coalition</u> , Santa Fe, NM
2020-present	Scientific Advisory Group, Ecological Outcomes Verification Program, <u>Savory Institute</u> , Boulder, CO
2014-2015	Board of Directors, <u>Corvallis Environmental Center</u> , Corvallis, OR
2008-2020	Participant, <u>Rural Voices for Conservation Coalition</u> , Sustainable Northwest, Portland, OR. RVCC is comprised of western rural and local, regional, and national organizations that have joined together to promote balanced conservation-based approaches to the ecological and economic problems facing the West. RVCC focuses on policy issues that affect rural communities, public lands management, and the continuation of a natural resource-based economy in the West. I participated in the Ranchlands Working Group, Private Lands Working Group, and Climate Change Working Group to identify problems and potential solutions.
April 2010	Invited Delegate, <u>Rural Voices for Conservation Coalition</u> "Western Week in Washington (DC)", Sustainable Northwest,



Portland, OR. With other RVCC members, I met with members of Congress and federal agency personnel to discuss challenges faced by rural communities in the American West and potential policy/administrative solutions.

- 2007-2010      Advisory Council, Brainerd Foundation, Seattle, WA.  
The Brainerd Foundation's mission is to protect the environment of the Northwest and to build broad citizen support for conservation. As an (invited) advisory council member, I help devise strategies for investing over \$1m/year in conservation efforts throughout the region.
- 2006              Peer Review Panel, Institute for Natural Resources and Deschutes River Alliance, "Urbanization Impacts on Irrigated Lands," part of DRA's "Water Supply Demand and Reallocation Synthesis," for Deschutes Basin Water Summit, Warm Springs, OR, June 2006.
- 2003-2005      Board of Directors, Southern Rockies Ecosystem Project, 2003-2005. SREP is a non-profit conservation science organization that uses conservation science principles and GIS mapping technology to identify and protect wildlands critical to the preservation of native biodiversity in the Southern Rockies.

### **Service to the Public (not professionally related)**

- 2015-present      Board Member/Class Captain, Friends of Brown Women's Crew
- 2000-2007      Applicant Interviewer, Brown Alumni Schools Committee.
- 2000-2001      Board of Directors, Boulder Community Rowing, Boulder, CO.
- 1999-2000      Board of Directors, Colorado Crew, University of Colorado, Boulder, CO.

## **Teaching**

### **Courses Taught**

- GEOG 240 – Human Dimensions of Climate Change
- GEOG 240 – Climate Change, Water and Society
- GEOG 296 – Introduction to Geographic Field Research
- GEOG 300 – Sustainability for the Common Good
- GEOG 407/507/607 – Geography Seminar
- GEOG 430/530 – Resilience-Based Natural Resource Management
- GEOG 450/550 – Land Use in the American West

- GEOG 515 – History and Philosophy of Geography
- GEOG 512 – Social-Ecological Systems

### **Advising of Graduate Students (Major Advisor)**

- **Taylor Kwait**, MS, in progress, Natural Resources
- **Elizabeth Hyde**, MS, in progress, Geography
- **Sophie Lalande**, MS, in progress, Geography
- **Henry Pitts**, MS, in progress, Water Resource Policy and Management
- **Alexa Britton**, Ph.D., in progress, Geography
- **Laura Duffy**, MS, 2023, Water Resource Policy and Management, *Engaging Agricultural Landowners in Fish Habitat Restoration on Private Land in the Upper Klamath Basin, Oregon: Lessons from a “Tough” Case*
- **Jami Dennis**, MS, 2022, Natural Resources, *Communicating the Effects of Land Use Change, Climate Change, and Conservation on Waterbird Habitat in the Upper Klamath Basin*
- **Leah Cogan**, MS, 2020, Water Resource Policy and Management *Ready for Anything? Adaptive Capacity in Western States’ Water Plans*
- **Zach Pike-Urlacher**, MS, 2019, Water Resource Policy and Management *Reconciling Working Landscapes on State and Federal Lands with Endangered Species Act Requirements: Emerging Governance Surrounding Beaver-Related Watershed Restoration in Oregon*
- **Rachael Davee**, MS, 2017, Geography *Transforming Watershed Governance in Oregon through Beaver Related Watershed Restoration*
- **Detwiler, Stacey**, MS, 2016, Water Resource Policy and Management *Rivers and Roads: Exploring How Environmental Governance Impacts State Management of Forest Roads in Oregon, Washington and California*
- **Sundstrom, Shiloh**, Ph.D. (posthumous), 2016, Geography *Political Ecology of Landowner-Driven, Community-Based Wildlife Conservation and Livestock Development in Kenya’s Maasailand*
- **Colon-Almodovar, Yamilette**, MS, 2015, Geography *Social, Ecological, and Economic Outcomes Associated with Stewardship Forestry in the Siuslaw Watershed.*
- **Bennett, Drew**, Ph.D., 2015, Geography *Investing Upstream: A Social-Ecological Systems Perspective on Water Utility Investments in Ecosystem Services*
- **Chaffin, Brian**, Ph.D., 2014, Geography *Reallocating Resources, Rebuilding Community: The Klamath Basin Agreements and the Emergence of Adaptive Governance*
- **Smedstad, Jill**, MS, 2012, Geography *Exploring Pathways to Adaptive Collaborative Management: A Multi-Case Study of the National Riparian Service Team’s Place-Based Riparian Assistance*

- **Burright, Harmony**, MS, 2012, Water Resource Policy and Management  
*Beyond Random Acts of Conservation: An Institutional Analysis of the Natural Resource Conservation Service's Agricultural Water Enhancement Program*
- **Paulekas, Robyn**, MS, 2010, Water Resource Policy and Management  
*Fostering Social-Ecological Resilience in the Upper Klamath Basin: The National Riparian Service Team's Creeks & Communities Strategy as an Emerging Model for Government in Adaptive Co-Management*
- **Duncan, Jim**, MS, 2010 , Geography  
*The Effects of Alternative Future Development Scenarios on Ecological Patterns and Social-Ecological Resilience in Central Oregon*
- **Baker, Jeff**, MS, 2010 , Geography  
*A Spatial Assessment of Conservation Opportunities in the Willamette River Floodplain Between Corvallis and Albany, Oregon*
- **Straus, Emily**, MS, 2008, Geography  
*Incorporating an "Environment and Society" Geography Curriculum into Field-Based Environmental Education at The Mountain Institute, West Virginia.*