

Rebecca Lave
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RESEARCH AND TEACHING INTERESTS

My work combines political economy, science and technology studies, and fluvial geomorphology as part of a new field: critical physical geography. I focus on:

- The contradictory relations among markets, science, and the state as embodied in attempts to manage and restore the hydroscape.
- The physical impacts of environmental regulation and markets.
- The political economy of environmental science and the construction of scientific expertise outside the academy.
- Structural and non-structural approaches to flood control.

EDUCATION

UC Berkeley	Ph.D. in Geography, May 2008.
M.I.T.	Master of City Planning, with Certificate in Urban Design, 1997.
Reed College	B.A. in interdisciplinary Art History and Political Science, 1993.

SELECTED PROFESSIONAL EXPERIENCE

2020 –	Full Professor, Geography Department, Indiana University
2014 – 2020	Associate Professor, Geography Department, Indiana University.
2008 – 2014	Assistant Professor, Geography Department, Indiana University.
1999 – 2005	Senior Associate, Design, Community & Environment, Berkeley, CA.
1996 – 1998	Urban Planner, Goody, Clancy & Associates, Boston, MA

Research

FUNDING

External

2020-2024	Druschke, C. G., E. Booth, and R. Lave . "Interactive Dynamics of Stream Restoration and Flood Resilience in a Changing Climate." NSF CNH2-S-2009353. \$685,007 (IU share \$73,561).
2016-2019	Sher, A., E. Gonzalez, R. Lave , N. Sayre. "The influence of the human element on the outcomes of riparian restoration in the southwestern US." NSF-CNH-S-1617463. \$520,492 (IU share \$12,331)
2015-2017	Lave, R. E. Corbera, and M. Robertson. "The Rollout of Market- Based Environmental Management in the EU." NSF GSS-1461746. \$314,817 (IU share \$175,112).

- 2010 – 2014 Doyle, M.D., **R. Lave**, and M. Robertson. “The Emerging Commodity of Restored Streams: Science, Policy, and Economics in New Markets for Ecosystem Service Commodities.” NSF- BCS-1213827. \$600,000 (IU share \$162,188).
- 2009 – 2012 Gershon, I., T. Gieryn, **R. Lave**, E. Medina, J.Schikore, and K. Shankar. “Rupture and Flow: The Circulation of Technoscientific Facts and Objects.” The first Mellon Foundation Sawyer Seminar Grant won by IU faculty. \$150,000.
- 2005 – 2007 **Lave, R.** NSF Doctoral Dissertation Improvement Grant. (M. Watts PI)

Internal

- 2020 – 2022 **R. Lave**, B. Bird, R. Barr and J. Baeten. Reconstructing the Transformation of the Grand Kankakee System Through Interdisciplinary Social and Biophysical Analysis. OVPR FRSP-Seed Grant.
- 2018-2020 **R. Lave**, A. Ward, and J. Baeten. Anthropogenic Impacts on the Indiana Hydroscape and Landscape, 1800 to Present. Prepared for Environmental Change Grand Challenge.
- 2018 E. Martinez and **R. Lave**. Research Development Grant, Office of Sustainability. Comparing urban food sovereignty in Havana, Cuba and Detroit, MI.
- 2016 **R. Lave**. OVPIA Seed Funding with matching funds from COAS and the University of Lausanne, for European Critical Physical Geography Workshop.
- 2016 **R. Lave** and E. Corbera. Institute for Advanced Studies Visiting Scholar and Collaborative Research Awards.
- 2014 B. Winterman, **R. Lave**, J. King, and C. Kirkpatrick. SOTL grant to develop information literacy curriculum for Geography.
- 2010 K. Shankar, I. Gershon, **R. Lave**, E. Medina, and J. Schikore. Multidisciplinary Ventures Grant.
- 2009, 2010 **R. Lave**. Summer Faculty Fellowship, Indiana University.
- 2009 **R. Lave**. Summer Writing/Teaching Grant, Indiana University.

MONOGRAPHS

Lave, R. and M. Doyle. 2021. *Streams of Revenue: The Restoration Economy and the Ecosystems it Creates*. MIT Press.

Academic Reviews of Streams of Revenue:

Robinson, Andrew. 2021. "Books in Brief." *Nature*, February 3, 35.

Popular Media Interviews/Coverage of Streams of Revenue:

Waterloop Podcast #73: *Changing course on stream mitigation banking with Martin Doyle and Rebecca Lave*.

Lave, R. 2012. *Fields and Streams: Stream Restoration, Neoliberalism and the Future of Environmental Science*. University of Georgia Press.

Academic Reviews of *Fields and Streams*:

- Lund, Jay. 2019. "The Sociology of Science of Environmental Management: Reflections on Fields and Streams."
<https://californiawaterblog.com/2019/02/17/the-sociology-of-science-in-environmental-management-reflections-on-fields-and-streams/>
- Kirk, Gabi. 2017. *The AAG Review of Books* no. 5 (4):243-245.
- Nost, Eric. 2015. *Southeastern Geographer* 54(2):208-210.
- McCuen, Richard. 2014. *Journal of the American Water Resources Association* 50 (2):537
- Norman, Emma S. 2014. *Social & Cultural Geography*: 1-2.
- Banoub, Daniel. 2014. *Progress in Human Geography* 38:628-629.
- Barron, Elizabeth. 2014. "Adjusting the Depth of Field on Stream Restoration: Observing the Rise of Neoliberal Para-science." *Science as Culture*: 1-6.
- Doyle, Martin. 2013. *Eos* 94(9): 92-93.
- Endreny, Ted, and Kellen Backer. 2013. *Ecological Restoration* 31(3):339-40.
- Haeffner, Melissa. 2013. *Society & Space - Environment & Planning D*.
- Van Dyke, Christopher. 2013. *Progress in Physical Geography* 37(4):567-70.

Popular Media:

- Interview, WFHB EcoReport. Aired February, 2013.
- Review, Troutheadwaters.com: <http://troutheadwaters.com/clubecoblu/?p=4251>

EDITED VOLUMES AND HANDBOOKS

- Lane, S. N. and **R. Lave**. (In Preparation). *Field Guide to Critical Mixed Methods Research*. Cambridge, England: Open Book Publishers. Expected publication late 2023.
- Tyfield, D., **R. Lave**, S. Randalls, and C. Thorpe, eds. 2017. *Handbook of the Political Economy of Science*. London: Routledge.
- Lave, R.**, C. Biermann, and S. Lane, eds. 2018. *Handbook of Critical Physical Geography*. London: Palgrave.
- Christophers, B, **R. Lave**, J. Peck, and M. Werner, eds. 2018. *Doreen Massey, Vol 1: Critical Dialogues*. London: Agenda.
- Werner, M., J. Peck, B. **R. Lave**, and B. Christophers. eds. 2018. *Doreen Massey, Vol 2: Critical Interventions*. London: Agenda.

ARTICLES¹

Published/In Press/Accepted

- Gottschalk Druschke, C., M. Higgins, T. Dean, E. Booth, and **R. Lave**. 2022. "Storying the Floods: Experiments in Feminist Flood Futures." *Open Rivers* 22.
- Osborne, T., S. Brock, R. Chazdon, S. Chomba, E. Garen, V. Gutierrez, **R. Lave**, M. Lefevre, and J. Sundberg. 2021. "The Political Ecology Playbook for Ecosystem Restoration: Principles for Effective, Equitable and Transformative Landscapes." *Global Environmental Change*.
- Corbera, E., **R. Lave**, M. Robertson, and S. Maestre. 2021. "Neoliberal policy refugia: The death and life of biodiversity offsetting in the European Union and its member states." *Transactions of the Institute of British Geographers* 46:255-269. doi: doi.org/10.1111/tran.12434.
- Biermann, C., L. Kelley, and **R. Lave**. 2021. "Putting the Anthropocene into Practice: Methodological Implications." *Annals of the American Association of Geographers* 111 (2):808-818.
- Maestre-Andrés, S.*, E. Corbera, M. Robertson, and **R. Lave**. 2020. "Habitat banking at a standstill: The case of Spain." *Environmental Science & Policy* 109:54-63.
- Baeten, J.* and **R. Lave**. 2020. "Retracing Rivers and drawing swamps: Using a drawing tablet to reconstruct an historical hydroscape from army corps survey maps." *Journal of Historical Methods*. 82-198. doi: 10.1080/01615440.2020.1748151.
- Nost, E.*, M. Robertson, and **R. Lave**. 2019. "Q-Method and the Performance of Subjectivity: Reflections from a survey of US stream restoration practitioners." *Geoforum* 105:23-31.
- Clark, L,* E Gonzalez, Rebecca Lave, Nathan F. Sayre, A. Henry, and Anna Sher. 2019. "Successful information exchange between restoration science and practice." *Restoration Ecology* 27 (6):1241-1250.
- Yoder, L.*, A. Ward, S. Spak, K. Dalrymple and **R. Lave**. 2019. "An analysis of conservation practice adoption studies in agricultural human-natural systems." *Journal of Environmental Management* 236: 490-98.
- Dillon, L, **R. Lave**, B. Mansfield, S. Wylie, N. Shapiro, A. Chan, and M. Murphy. 2019. "Situating Data: The Environmental Data and Governance Initiative." *Annals of the American Association of Geographers* 109(2): 545-555.
- Lave, R. 2018. "Not so Neo." In Bigger, P., J. Dempsey, A. Asiyanbi, K. Kay, **R. Lave**, B. Mansfield, T. Osborne, M. Robertson & G. Simon. "Reflecting on neoliberal natures: an exchange." *Environment and Planning E: Nature and Space* 1:1-2, pp. 25-75.
- Lave, R. 2018. "Stream mitigation banking." *WIREs Water* 5 (3). (Invited.)
- Lave, R. 2016. "Stream restoration and the surprisingly social dynamics of science." *WIREs Water* 3, 75-81. (Invited)
- Doyle, M., Jai Singh, **R. Lave**, and M. Robertson. 2015. "The morphology of streams restored for market and non-market purposes: Insights from a mixed natural-social science approach." *Water Resources Research* 51 (7):5603-5622. (Invited) [**Winner of the 2018 AAG Geomorphology Specialty Group G.K. Gilbert Award.**]

¹ For additional publications, see section on the Environmental Data and Governance Initiative at the end of the section on Service. To date: three peer reviewed articles in press or under review, three reports released on in press, and an invited Op/Ed in the *Times Higher Education*.

* Graduate student or post-doc mentee, at IU or another institution.

- Lave, R. 2015. "The Future of Socio-Ecological Expertise." *Annals of the Association of American Geographers* 105(2): 244-252.
- Lave, R. and B. Lutz. 2014. "Hydraulic fracturing: A critical physical geography review." *Geography Compass* 8(10):739-754. (Invited)
- Lave, R. 2014. "Neoliberal Confluences: The Turbulent Evolution of Stream Mitigation Banking in the U.S." *Political Power and Social Theory*, 27: 59-88.
- Robertson, M., T. BenDor, **R. Lave**, A. Riggsbee, J.B. Ruhl, and M. Doyle. 2014. "Stacking Ecosystem Services." *Frontiers in Ecology and the Environment* 12:186-193.
- Lave, R., M.W. Wilson, E. Barron, C. Biermann, M. Carey, C. Duvall, L. Johnson, M. Lane, N. McClintock, D. Munroe, R. Pain, J. Proctor, B. Rhoads, M. Robertson, J. Rossi, N. F. Sayre, G. Simon, M. Tadaki, and C. Van Dyke. 2014. "Critical Physical Geography." *The Canadian Geographer* 58(1):1-10. (Invited)
- Translated into Portuguese, published in *Espaço Aberto*. 2019.
- Lave, R. 2014. "Engaging *within* the Academy: A Call for Critical Physical Geography" *Acme* 13 (4):508-515.
- Lave, R. 2014. "Freedom and Constraint: Generative Expectations in the Stream Restoration Field." *Geoforum* no. 52:236-244.
- Doyle, M. W., **R. Lave**, M. M. Robertson, and J. Ferguson.* 2013. "River Federalism." *Annals of the American Association of Geographers* 103(2): 290-298.
- Daniel T., A. Muhar, A. Arnberger, O. Aznar, J. Boyd, R. Bürger-Arndt, K. Chan, R. Costanza, A. von der Dunk, T. Elmqvist, C. Flint, A. Grêt-Regamey, P. Gobster, S. Klain, **R. Lave**, S. Muhar, J. Nassauer, M. Penker, R. Ribe, T. Schauppenlehner, T. Sikor, I. Soloviy, M. Spierenburg, K. Taczanowska, J. Tam, and V. Winiwarter. 2012. "Contributions of Cultural Services to the ES Agenda." *PNAS* 109 (23):8812-8819.
- Lave, R. 2012. "Neoliberalism and the Production of Environmental Knowledge," *Environment & Society: Advances in Research* 3 (1):19-38.
- Lave, R. 2012. "Bridging Political Ecology and STS: A Field Analysis of the Rosgen Wars" *Annals of the Association of American Geographers*, 102 (2):366-382.
- Lave, R., M. W. Doyle, and M. M. Robertson. 2010. "Privatizing stream restoration in the U.S." *Social Studies of Science* 40 (5):677-703. [**Listed as one of "Ten Pivotal Papers in Ecological Restoration"** by Eitzel et al. 2011]
- Lave, R. 2009. The controversy over Natural Channel Design: Substantive explanations and potential avenues for resolution. *Journal of the American Water Resources Association* 45 (6):1519-1532.
- Bernhardt, E., E. Sudduth, M.A. Palmer, J. D. Allan, J. Meyer, G. Alexander, J. Follstad-Shah, B. Hassett, R. Jenkinson, **R. Lave**, J. McFall, and L. Pagano. 2007. Restoring rivers one reach at a time: Results from a survey of U.S. river restoration practitioners. *Restoration Ecology* 15:482-493.
- Kondolf, G. M., S. Anderson, **R. Lave**, L. Pagano, and A. Merelender. "Two Decades of River Restoration in California: What Can We Learn?" 2007. *Restoration Ecology* 15/3: 516-23.
- Bernhardt, E.S., M.A. Palmer, J. D. Allan, G. Alexander, K. Barnas, S. Brooks, J. Carr, S. Clayton, C. Dahm, J. Follstad-Shah, D. Galat, S. Gloss, P. Goodwin, D. Hart, B. Hassett, R. Jenkinson, S. Katz, G. M. Kondolf, P. S. Lake, **R. Lave**, J. L. Meyer, T. K. O'Donnell, L. Pagano, B. Powell, and E. Sudduth. "Synthesizing U.S. River Restoration Efforts." 2005. *Science* 308: 636-37.

Palmer, M.A., E.S. Bernhardt, J. D. Allan, P.S. Lake, G. Alexander, S. Brooks, J. Carr, S. Clayton, C. Dahm, J. Follstad-Shah, D. Galat, S. Gloss, P. Goodwin, D. Hart, B. Hassett, R. Jenkinson, G.M. Kondolf, **R. Lave**, J. Meyer, T.K. O'Donnell, L. Pagano, and E. Sudduth. 2005. "Standards for Ecologically Successful River Restoration." *Journal of Applied Ecology* 42 (2): 208-17.

In Review/Under Revision/Resubmitted

Robertson, M., **R. Lave**, and M. Doyle. Resubmitted. "Streams of Value." *Environment & Planning E*.

Robertson, M., **R. Lave**, and M. Doyle. Resubmitted. "Watershed moments: Spatial and temporal fixes in neoliberal environmental governance." *Environment & Planning E*.

Editor-Reviewed Articles in Peer Review Journals

Rader, A., C. Biermann, S. Chignell, K. Clifford, L. Kelley, and R. Lave. (Accepted).

"Practicing Critical Physical Geography: New trading zones and interactional expertise in an expanding field." *The Canadian Geographer*.

Lave, R. 2022. "Classics Revisited: The Politics of What Science?" *Progress in Human Geography* 46 (3):929-931. (Invited)

Lave, R. 2019. "Commentary: Historical and Critical Physical Geography." *Historical Geography*. (Invited)

Lave, R. 2015. "Introduction: Critical physical geography." *Progress in Physical Geography* 39(5):571-575.

Lave, R. 2015. "Exploring the proper relation between physical and human geography: Early work by John E. Thornes and Ron Johnston." *Progress in Physical Geography* 39(5):687-690.

Lave, R., P. Mirowski, and S. Randalls. 2010. "Introduction: STS and Neoliberal Science." *Social Studies of Science* 40 (5):659-675.

Lave, R., M. Robertson, and M. Doyle. 2008. "Why you should pay attention to stream mitigation banking." *Ecological Restoration* 26 (4):287-289.

BOOK CHAPTERS

Lave, R. and M. Malone. (Accepted). "Doing Engaged Scholarship: Why Methods Matter." In *Key Methods in Geography*, edited by N. Clifford and M. Cope. London: Sage.

Biermann, C., S. Lane, and **R. Lave**. 2021. "Critical Physical Geography: In Pursuit of Integrative and Transformative Approaches to Resource Dynamics." In *The Handbook of Critical Resource Geography*, edited by E. Havlice and G. Valdivia. London: Routledge.

Peck, J., M. Werner, **R. Lave**, and B. Christophers. 2018. "Out of Place: Doreen Massey, Radical Geographer." In *The Doreen Massey Reader*, edited by B. Christophers, R. Lave, J. Peck and M. Werner, 1-36. London: Agenda Press.

Christophers, B., M/ Werner, **R. Lave**, and J. Peck. 2018. "Restructuring regions: Doreen Massey on uneven geographical development." In *The Doreen Massey Reader*, edited by B. Christophers, R. Lave, J. Peck and M. Werner, 39-42. London: Agenda Press.

- Lave, R., B. Christophers, M. Werner, and J. Peck. 2018. "Reconceptualizing place: Doreen Massey on relational geographical processes." In *The Doreen Massey Reader*, edited by B. Christophers, R. Lave, J. Peck and M. Werner, 131-34. London: Agenda Press.
- Werner, M., R. Lave, B. Christophers, and J. Peck. 2018. "Spatializing power: Doreen Massey on space as domination and potential." In *The Doreen Massey Reader*, edited by B. Christophers, R. Lave, J. Peck and M. Werner, 205-210. London: Agenda Press.
- Lave, R. M. Doyle, M. Robertson, and J. Singh. 2018. "Commodifying streams: A Critical Physical Geography approach to stream mitigation banking in the U.S." In *Handbook of Critical Physical Geography*. London: Palgrave.
- Lave, R., C. Biermann, and S. N. Lane. 2018. "Introducing Critical Physical Geography." In *Handbook of Critical Physical Geography*, edited by R. Lave, C. Biermann and S. N. Lane, 3-22. London: Palgrave.
- Lane, S. N., C. Biermann, and R. Lave. 2018. "Towards a Genealogy of Critical Physical Geography." In *Handbook of Critical Physical Geography*, edited by R. Lave, C. Biermann and S. N. Lane, 23-48. London: Palgrave.
- Biermann, C., S. Lane, and R. Lave. 2018. "Critical Reflections on a Field in the Making In *Handbook of Critical Physical Geography*, edited by R. Lave, C. Biermann and S. N. Lane, 559-574. London: Palgrave.
- Lave, R. 2017. "Getting back to our roots: Integrating critical physical and social science in the early work of Michael Watts." In *Other Geographies: The Influences of Michael Watts*, edited by Sharad Chari, Susanne Freidberg, Vinay Gidwani, Jesse C. Ribot and Wendy Wolford, 43-54. Oxford: Wiley.
- Lave, R. and M. Robertson. 2017. "Biodiversity offsetting." In *Handbook of Political Economy of Science*, edited by D. Tyfield, R. Lave, S. Randalls, and C. Thorpe. New York: Routledge
- D. Tyfield, R. Lave, S. Randalls, and C. Thorpe. 2017. "Introduction." In *Handbook of Political Economy of Science*, edited by D. Tyfield, R. Lave, S. Randalls, and C. Thorpe. New York: Routledge.
- Lave, R. 2015. "Reassembling the structural: Political ecology and Actor-Network Theory." In *Handbook of Political Ecology*, edited by T. Perrault, J. McCarthy and G. Bridge, 213-223. New York: Routledge.
- Lave, R. 2011. "Constructing Scientific Expertise Outside the Academy." In *Knowing Nature: Conversations at the Intersection of Political Ecology and Science Studies*, edited by Mara Goldman, Paul Nadasdy and Matthew Turner. Chicago: University of Chicago Press.
- Sutton, S., I. Minn, and R. Lave. 2006. "Stream Restoration and Channel Daylighting." In *Landscape Architecture Graphic Standards, First Edition*, edited by Leonard J. Hopper. Chichester: John Wiley & Sons.

BOOK REVIEWS

- Lave, R., A. Romero, C. Biermann, A. Paredes, M. Betz, and J. Guthman. 2021. "Review Forum for Julie Guthman's *Wilted*." *AAG Review of Books*.
- Mansfield, B., R. Lave, K. Asher, R. Collard, A. Hovorka, and K. Srinivisan. 2019. "Review Forum for Juno Salazar Parreñas' *Decolonizing Extinction*." *Environment & Planning D: Society and Space*.
- Rochner, M., B. Mansfield, M. J. Chapell, E. Smithwick, A. Romero, S. Lane, R. Lave, and C. Biermann. 2019. "Review Forum Palgrave Handbook of Critical Physical Geography." *AAG Review of Books* no. 7 (3).

- Lave, R., T. Bassett, G. Mann, P. Robbins, S.P.J. Batterbury, N. Sayre, and D. Davis. 2019. "The Arid Lands: History, Power Knowledge. Diana K. Davis; The Politics of Scale: A History of Rangeland Science. Nathan F. Sayre." *AAG Review of Books* 7 (1):35-46.
- Labban, M., N. Castree, Salvatore Engel-Di Mauro, R. Lave, and T. Stallins. 2015. "Towards earthly social theory: Critical reflections on Salvatore Engel-Di Mauro's *Ecology, Soils, and the Left*." *Progress in Physical Geography* 39 (5):661-686.

REFERENCE WORKS

- Lave, R. "Stream Mitigation Banking." 2021. Oxford Bibliographies.
- Lave, R. "Geography and STS." 2014. Oxford Bibliographies.

INVITED PRESENTATIONS

Student Organizations:

- 2020 Annual speaker, Cambridge University Geography Students (CUGS), 11/19/2020.
- 2020 Plenary Panel "Critical Restoration Ecologies," International Society of Tropical Foresters, Yale University, 1/30-2/1.
- 2019 Graduate Association of Geography and Environment (GAGE) annual speaker University of Texas at Austin. 10/18/19.
- 2018 Keynote, student Symposium on Integrative Conservation. Integrative Conservation Ph.D. Program (ICON), University of Georgia-Athens. 1/26/18.
- 2017 Annual graduate student selected colloquium, Department of Geography, Syracuse University. 10/20/18
- 2017 SAGA annual speaker, University of Arizona, Department of Geography. 3/10/17.

International:

- 2023 Distinguished International Visiting Fellow, Department of Geography, Sheffield University, England. 5/1-5/2023.
- 2022 Distinguished Lecture, Hong Kong University, Hong Kong. 12/2/2022. (online)
- 2022 Keynote, New Zealand Geographic Society. Christchurch, Aotearoa/New Zealand. 11/24/2022.
- 2022 Cumberland Lecture, University of Auckland, Aotearoa/New Zealand. 11/21/2022.
- 2022 Invited speaker, Brazilian Physical Geography Association. Rio de Janeiro, Brazil. 11/9/2022.
- 2022 Plenary speaker, International Rivers Conference. Lyons, France. "Interdisciplinary analysis of markets for stream mitigation in the USA: what do we see differently when we combine social and geomorphological lenses?" 7/4-8/2022.

- 2022 University of British Columbia, Canada, seminar on restoration. 3/2/2022 (online)
- 2019 Distinguished International Visiting Fellow, Department of Geography, University of Cambridge, England, 1/21-27/19.
- 2018 Plenary Panel “Connecting Landscapes,” Royal Geographic Society/Institute of British Geographers annual meeting, Cardiff, England. 8/28-30/18.
- 2017 Centre for Agroecology, Water and Resilience, University of Coventry, England. 3/23-24/17.
- 2016 Leuven University, Belgium. Erasmus Mundus Visiting Scholar. 3/5-12/16 and 4/25-31/16.
- 2015 University of Lausanne, Switzerland. Ph.D. course on Critical Physical Geography. 11/20/15.
- 2015 University of British Columbia, Canada, Department of Geography. 3/12/2015.
- 2015 University of Victoria, Canada, Department of Environmental Studies. 3/10/2015.
- 2014 Keynote speaker, Landscape Archaeology Conference: From Theory to Practice. Excellence Cluster Topoi, Freie Universitat Berlin, Germany. 11/19-21/2014.
- 2014 Plenary panel: “Co-constructing Water.” Royal Geographic Society/Institute of British Geographers annual meeting. London, UK. 8/28/2014.
- 2013 Public lecture and instructor at ENTITLE Ph.D. course, Autonomous University, Barcelona, Spain. 6/3 – 6/7/2013.
- 2013 Invited speaker, RESTORE workshop, Uppsala, Sweden. 5/6 – 5/8/2013.
- 2012 Interdisciplinary Seminar, University College London, Department of Geography. 10/11/2012
- 2012 Invited speaker, Special Session on bridging physical and social geography, Canadian Association of Geographers, Waterloo, ON. 5/28/12.
- 2011 Uppsala University, Sweden, Department of Economic and Social Geography. 5/19/11.
- 2011 Umeå University, Sweden, Department of Ecology. 5/18/11.
- 2011 Umeå University, Sweden, Studies in Science, Technology, and Environment Program and Department of Ecology. 5/17/11.
- 2009 Invited member of 10-person US delegation, Interdisciplinary US-European Workshop on Landscape-based Cultural Ecosystem Services. Lunz, Austria. Funded by NSF and Austrian Academy of Science. 11/09
- 2008 Invited lead speaker for two-session stream on Collins and Evans’ *Rethinking Expertise*. Royal Geographic Society/Institute of British Geographers. London.

United States: Keynotes, Plenaries, National Panels, and Distinguished Lectures

- 2022 Keynote, Southwestern Division, American Association of Geographers. 10/27/22.
- 2022 Keynote, Mid-Atlantic Division, American Association of Geographers. 10/21/22 (online).
- 2022 University of Tennessee Knoxville. Hammond Lecture. Department of Geography. 9/22/2022.

- 2022 University of California at Los Angeles. Humboldt Lecture. Department of Geography. 4/20-21/22.
- 2020 AGU Earth Surface Processes and Systems Seminar: Environmental Justice and Geomorphology Webinar (with José Constantine and Saccoby Wilson). 10/14/2020. (online).
- 2020 University of Wisconsin- Milwaukee. Harold and Florence Mayer Distinguished Lecture. 9/18/20. (online).
- 2018 Plenary Panel, Integrated Conference on Conservation. ICON, University of Georgia. 9/20-23/18.
- 2018 Co-lead, Design theme, "Boundary spanning: Advances in socio-environmental systems research." SESYNC, Annapolis, MD. June 11-13.
- 2018 Keynote, Society for Freshwater Science, Detroit, MI. May 20-24.
- 2016 Plenary speaker, Dimensions of Political Ecology conference, Lexington, KY. 2/26-27/16.
- 2016 Plenary speaker, Upper Midwest Stream Restoration Symposium. Milwaukee, WI. 2/7 – 2/10/16.
- 2015 University of Massachusetts-Amherst. Water, Society, and Politics Symposium. 9/11/2015
- 2013 Plenary panel. "The Future of Political Ecology," Dimensions of Political Ecology Conference, Lexington, KY. 2/28/2013.

United States: Colloquia, Talks, and Short Workshops

- 2023 University of Colorado-Denver, Department of Geography. 1/25-27/2023.
- 2022 Geological Society of America, "Market-Based Approaches to Stream Restoration in the US." 10/12/2022. (invited)
- 2022 University of California at Davis, Geography Program. Workshop "Critical Interdisciplinary Methods: Integrating social and physical science in the service of environmental transformation." 5/13/22. (online)
- 2021 University of Buffalo, Department of Geography. 9/23-24/21.
- 2021 Paul Smith College, Department of Environment & Society. 3/25-26/21. (online).
- 2020 San Diego State University, Department of Geography. 11/13/20. (online).
- 2020 University of North Carolina. Department of Geography, Introduction to Geographic Thought. 9/28/20. (online).
- 2020 University of Louisville. Department of Geography. 2/7/20.
- 2019 University of Denver. Departments of Biology and Geography. 4/17-18/19
- 2018 University of Minnesota-Duluth. Department of Geography. 9/10-12/18
- 2016 Colorado College. State of the Rockies and Hulbert Center for Southwest Studies Lecture. 10/12-14/16.
- 2016 University of Delaware. Department of Geography. 9/16
- 2015 University of North Carolina-Chapel Hill, Department of Geography. 10/9/2015.
- 2014 University of Maryland-Baltimore County. Department of Geography. 9/15/2014.
- 2014 Clark University, Department of Geography, 4/17/2014.
- 2013 University of California-San Diego, Social Studies of Science Program, 10/28/2013.

- 2012 University of South Carolina, Department of Geography. 11/2/2012.
 2012 The Ohio State University, Department of Geography. 4/5/12.
 2011 University of Kentucky, Department of Geography. 9/30/11.
 2010 West Virginia University, Department of Geography. 11/19/10.
 2010 University of Illinois – UC, Department of Natural Resources and
 Environmental Sciences. 2/11/10.
 2009 Miami University of Ohio, Department of Geography. 4/24/09.
 2009 University of Illinois – UC, Department of Geography. 2/20/09.
 2008 University of Kentucky, Department of Geography. 10/18/08

RESEARCH TALKS TO NON-ACADEMIC AUDIENCES

- Lave, R. (2022). “An interdisciplinary update on environmental markets in the USA.”
 Cawthron Institute. Nelson, Aotearoa/New Zealand.
 Lave, R. and M. Doyle. (2021). Speaker. “Streams of Revenue.” Ecological Restoration &
 Banking Association Policy Conference. Washington, D.C.
 Lave, R. and M. Doyle. (2021). Speaker. “Stream Mitigation Banking.” Interfluve. (online)
 Lave, R. (2021). Round table lead, *Streams of Revenue*, National Mitigation and Ecological
 Banking Association. Raleigh, NC.

CONFERENCE AND WORKSHOP PRESENTATIONS

- Lave, R. (2023). Discussant. “The Politics of River Science.” American Association of
 Geographers. Denver, CO. 3/2022
 Lave, R. (2023). Discussant. “Critical Physical Geography of Latin America.” American
 Association of Geographers. Denver, CO. 3/2022
 Lave, R. (2022). “Stream Mitigation Banking and Impacts of Market-Based Environmental
 Management Under the Clean Water Act.” Joint Aquatic Sciences Meeting. Online.
 Lave, R. (2022). Panelist. Author meets critics: Faith Kearns’ *Getting to the Heart of Science
 Communication*. American Association of Geographers. Online.
 Lave, R. (2022). Discussant. “Climate changes experts and economy of expertise.” American
 Association of Geographers. Online.
 Lave, R. (2022). Panelist. “The Power and Potential Perils of Engaged Critical Scholarship:
 Engaging from within the academy.” American Association of Geographers. Online.
 Lave, R. (2021). Featured Panel “Departmental Strategies for Recruiting, supporting and
 Retaining Diverse Faculty and Students.” Race, Ethnicity and Place Conference.
 Online.
 Lave, R. (2021). “Tackling structural inequalities in Geomorphology.” American Association
 of Geographers. Online.
 Lave, R. (2021). Panelist. Author meets critics: Elizabeth Hennessey’s *On the Backs of Tortoises*.
 American Association of Geographers. Online.
 Lave, R. (2019). Panelist. “Author meets critics: Juno Parreñas’ *Decolonizing Extinction*.”
 American Association of Geographers, Washington D.C.
 Lave, R. (2019). Panelist and Chair. “Books, Geography, and Writing for the Public.”
 American Association of Geographers, Washington D.C.
 Lave, R. (2019). Discussant. “Critical Physical Geography and Agrarian Transformations.”
 American Association of Geographers, Washington D.C.

- Lave, R. (2019). Panelist. "Interdisciplinary Environmental Research: Reconciling Disparate Geographic and Temporal Scales of Data." American Association of Geographers, Washington D.C.
- Lave, R. (2019). Discussant. Two stream session on "Critical and Imaginative Restoration Ecologies." Dimensions of Political Ecology conference, Lexington, KY.
- Lave, R. (2019). Panelist. "Sexual Harassment and Discrimination in Academia." Dimensions of Political Ecology conference, Lexington, KY.
- Lave, R. (2018). "Hayekian Streams? Stream Mitigation Banking in the U.S." RGS/IBG, Cardiff, Wales.
- Lave, R. (2018). Discussant. "From the Anthropocene to Postgenomics: New configurations of body-world." American Association of Geographers, New Orleans, LA.
- Lave, R. (2018). Discussant. "Living with Uncertainty: Science, Environments, and the Everyday." American Association of Geographers, New Orleans, LA.
- Lave, R. (2018). Panelist. "Re-envisioning 'sustainable' deltas through critical physical geography." American Association of Geographers, New Orleans, LA.
- Lave, R. (2018). Panelist. "Teaching Critical Physical Geography." American Association of Geographers, New Orleans, LA.
- Lave, R. (2017). "Tracking changes to federal environmental data in a 'post-truth' world." Society for Social Studies of Science, Boston, MA, August 30-September 2.
- Lave, R. (2017). "Why are success criteria in stream mitigation banking almost exclusively geomorphic?" Special session: "Biological success criteria for restoration monitoring." Society for Freshwater Science, Raleigh, NC, June 4-8.
- Lave, R. (2017). Panelist. "Author meets critics: Davis & Sayre on Range and Arid Lands." American Association of Geographers, Boston, MA.
- Lave, R. (2017). Discussant for two-session stream. "What does it mean to do interdisciplinary research on past environments? Exploring mixed methods in geography through the lens of Critical Physical Geography." American Association of Geographers, Boston, MA.
- Lave, R. (2017). Panelist. "Checking in on the Failures and Accomplishments of Green Capitalism." American Association of Geographers, Boston, MA.
- Lave, R. (2017). Discussant, lightning session on Political Ecology methods. DOPE, Lexington Kentucky.
- Lave, R. (2016). "Getting back to our roots: Integrating critical physical and social science in the early work of Michael Watts." American Association of Geographers, San Francisco, CA.
- Lave, R. (2016). Panelist. Author Meets Critics for Jason Moore's *Capitalism in the Web of Life*. American Association of Geographers, San Francisco, CA.
- Lave, R. (2016). Panelist. Critical Physical Geography in Practice III: CPG in relation to analog fields. American Association of Geographers, San Francisco, CA.
- Lave, R. (2015). "Scale and the geography of market-based environmental science and management" Society for Social Studies of Science, Denver, CO.
- Lave, R. (2015). Discussant. "Why STS cannot handle neoliberalism" Society for Social Studies of Science, Denver, CO.
- Lave, R. (2015). Panelist. "Physical Geography and/as Radical Theoretical and Political Practice" Association of American Geographers, Chicago, IL.
- Lave, R. (2015). Panelist. "The Value of Capitalist Nature" Association of American Geographers, Chicago, IL.
- Lave, R. (2015). "Banking and Time" Association of American Geographers, Chicago, IL.

- Lave, R. (2015). Discussant. "Fast/Slow States: Time-Space, Technology, and Water Governance" Association of American Geographers, Chicago, IL.
- Lave, R. (2015). Discussant. "Reinvigorating Geographies of Science: Theorizing Science through Space, Place, & Scale" Association of American Geographers, Chicago, IL.
- Lave, R. (2015). Panelist, Author Meets Critics for Jessica Barnes *Cultivating the Nile*. Association of American Geographers, Chicago, IL.
- Lave, R. (2014). "What, if anything, does stream mitigation banking do?" Association of American of American Geographers, Tampa, FL.
- Lave, R. (2014). Moderator. Plenary Panel. Dimensions of Political Ecology Conference, Lexington, KY.
- Lave, R. (2014). Discussant. "The Politics of Measuring Harm." Dimensions of Political Ecology Conference, Lexington, KY.
- Lave, R. (2013). "'Rapid, reliable, and repeatable:' Balancing workability and ecological complexity in U.S. stream mitigation standards." Cornell Workshop on Ecosystem services as simplification: Knowledge production in practice, 11/22-23/13.
- Lave, R. (2013). "Negotiating Authority: Academic vs. Commercial Science in Stream Mitigation Banking" Society for Social Studies of Science, San Diego, 10/9-12/13.
- Lave, R. (2013). Discussant. "Conservation Governance." Association of American Geographers, Los Angeles, CA.
- Lave, R. (2013). Panelist. "Critical Pedagogies: Tales from the Neoliberal University." Association of American Geographers, Los Angeles, CA.
- Lave, R. (2013). "Stream mitigation and the interlinked commercialization of environmental science and management." Association of American Geographers, Los Angeles, CA.
- Lave, R. (2013). "The landscape signature of ecosystem service markets for streams." Dimensions of Political Ecology Conference, Lexington, KY.
- Lave, R. (2012). "Marketing Environmental Science and Management: Stream Mitigation Banking in the U.S." The Changing Political Economy of Research & Innovation Workshop. Lancaster University, U.K. 11/15-16/12.
- Lave, R. (2012). "Science, regulatory agencies, and markets in neoliberal environmental management." Sawyer Seminar on Neoliberalism and Institutions of Knowledge Production, Indiana University.
- Lave, R. (2012). Discussant. "Political Ecology and STS." Dimensions of Political Ecology, Lexington, KY.
- Lave, R. (2012). Panelist, "Critical Physical Geography." Association of American Geographers, New York, NY.
- Lave, R. (2011). "Neoliberalism and Knowledge from the Margins." Society for the Social Studies of Science, Cleveland, OH.
- Lave, R. (2011). "Neoliberalism and the Production of Environmental Knowledge." Nature, Inc. The Hague, Netherlands.
- Lave, R. (2011). "Free Range Science: Producing Environmental Science Outside the Academy." Sawyer Seminar on Extramural Knowledge Production, Indiana University.
- Lave, R. (2011). Panelist, "World Ecological Modernities." Association of American Geographers. Seattle, WA.
- Lave, R. (2011). Panelist, "Should Political Ecology Be Relevant?" Association of American geographers. Seattle, WA.
- Lave, R. (2011). "Freedom and Constraint: embracing contradiction in the stream restoration field." Association of American Geographers. Seattle, Washington.

- Lave, R. (2010). Panelist, “Geography, Science, and Technology.” Midwestern Regional Critical Geography Conference (the Crit-Mini), Milwaukee, WI.
- Lave, R. (2010). “Producing Environmental Knowledge in All the Wrong Places.” Association of American Geographers. Washington, D.C.
- Lave, R. (2009). “Constructing Scientific Expertise Outside the Academy.” Society for the Social Studies of Science, Washington, D.C.
- Lave, R. (2009). “Avoiding Mercurio’s fate: bringing research results back to a highly contested field.” Association of American Geographers. Las Vegas, NV.
- Lave, R. (2008). Author Meets Critics: Paul Robbins’ *Lawn People*. Association of American Geographers. Boston, MA.
- Lave, R. (2008). “The Rosgen Debate: Constructing Scientific Expertise Outside of the Academy.” Association of American Geographers. Boston, MA.
- Lave, R. (2008). “Monitoring Practice in California: Results from the Interview Phase of the National River Restoration Science Synthesis Project.” River Restoration Northwest, Skamania, WA.
- Lave, R. (2007). “Banking Streams: the commodification of restoration.” Society for the Social Studies of Science. Montreal.
- Lave, R. (2006). “River restoration in California and the national context: results of database development and interviews with practitioners.” CALFED Science Conference. Sacramento, CA.
- Lave, R. (2006). “Stream Restoration: Emerging discipline, emerging market.” Political Ecologies of Knowledge, Science, and Technology: An Interdisciplinary Workshop. University of Wisconsin, Madison.
- Lave, R. (2005). “Boundary Objects in Aquatic Ecosystem Restoration.” Association of American Geographers. Denver, CO.
- Lave, R. and G.M. Kondolf. (2004). “Lessons Learned from River Restoration in California.” National Conference on Ecosystem Restoration. Orlando, FL.

FELLOWSHIPS AND PROFESSIONAL HONORS

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|-------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 2007 | Phi Beta Kappa Doctoral Fellowship Award |
| 2006 | American Association of University Women Doctoral Fellow |
| 2003 – 2004 | Switzer Foundation Environmental Fellow |
| 2001 – 2004 | UC Regents Fellowship |
| 2003 | NASA Achievement Award for the <i>NRP Final Environmental Impact Statement</i> , November 2002. Project manager. |
| 2000 | American Society of Landscape Architects National Honor Award. Charles River Basin Master Plan. Managed public participation process. |
| 1993 | Phi Beta Kappa |
| 1992 | National Endowment for the Humanities Younger Scholar Fellowship |

ASSOCIATION MEMBERSHIPS

- American Association of Geographers: Cultural and Political Ecology, Geomorphology, Human Dimensions of Global Change, and Water Resources specialty groups
- Society for Freshwater Science
- Society for Social Studies of Science

Teaching

TEACHING AWARDS

- 2015 Campus Catalyst Award for Excellence in Teaching Sustainability
- 2015 Trustees Teaching Award for excellence in undergraduate instruction
- 2014 Trustees Teaching Award for excellence in undergraduate instruction
- 2012 Nominated by geography undergraduates for the campus-wide James P. Holland Award for Exemplary Teaching and Service to Students
- 2012 Trustees Teaching Award for excellence in undergraduate instruction
- 2010 Trustees Teaching Award for excellence in undergraduate instruction

COURSES TAUGHT

- G208: Environment and Society. Introduces environmental physical and social science. (Regular and Honors versions)
- G315: Environmental Conservation. Explores major controversies in the environmental movement including wilderness preservation, population, and sustainable development. (Regular and Intensive Writing versions)
- G316: Political-Economic Geography. Traces the origins of the current global political-economic order through the history of capitalism, colonialism, and neoliberalism.
- G341: Ecological Restoration: Science, Ethics, and Politics. Investigates the deeply interconnected history, philosophy, ecology, geomorphology, and political economy of restoration
- G368: Water in the Midwest: Interdisciplinary co-taught course on the eco-social feedbacks shaping the hydroscape of the U.S. Midwest (with Darren Ficklin).
- G447/547: Multi-species Relations: Plant/Animal/Human/Insect/Fungi/Bacteria. Seminar focusing on the methodological and presentation challenges of social science research on multi-species communities.
- G448/548: Capitalism and Nature: Seminar on the relationship between capitalism and the environment in Geographic thought.
- G449/549: Political Ecology. Seminar on the development of, and current hot topics within, political ecology including urban political ecology, political ecology of the body, and science studies.
- G440/540: Geographies of Technology. Introduces the interdisciplinary study of science and technology by focusing on cases in which the technology and knowledge transfer processes are interrupted or reversed.

READINGS COURSES/INTERNSHIPS SUPERVISED

- G400: Internship in Geographical Analysis. Aprox. 1 per year.
- G450: Undergraduate Readings and Research in Geography/IMP Readings Courses. Approx. 2 per year.
- G830: Graduate Readings in Geography/G840: Graduate Research in Geography. Approx. 2 per semester.

STUDENT SUPERVISION

External Post-Doctoral Advisor

Marc Tadaki. 2020-2023. "Channels of influence: how does river science structure political options and material realities?" Marsden Fund. New Zealand.

External Graduate Committee Member

Kelly Kay. Ph.D. 2015. Clark University Department of Geography. "Taxes, TIMOs, and Trusts: 21st Century Land Conservation in the United States."

Caroline Gottschalk-Druschke. 2021. M.S. University of Wisconsin-Madison. "Geomorphic and ecological effects of restoration and flood events on streams in the Driftless Area of Wisconsin."

Paige Stork. M.S. In progress. University of Wisconsin-Madison.

Tibor Vegh. Ph.D. In progress. University of North Carolina Department of City Planning.

Sydney Weddell. M.S. In progress. University of Wisconsin-Madison.

External Examiner

Macquarie University

Post-Doctoral Scholars Supervised

Eric Deibel. 2010-2011. Open-source biotechnology. (Funded by the Mellon Foundation).

John Baeten. 2018-2021. Historical GIS of the Indiana agricultural landscape and hydroscape (funded by the Preparing for Environmental Change Grand Challenge).

Nubia Beray Armond. 2021-2022. Critical urban climatology and critical physical geography (funded by the American Association of University Women).

Ph.D. Committees Chaired

Kate Bishop. Ph.D. 2015. *Appropriate Technology in the African Oil Palm Belt: Diffusion, Culture, and Environment*. (Co-chaired with Eduardo Brondizio, Anthropology)

Megan Betz. Ph.D. 2021. *Analyzing the 'community' of community orchards*.

Abdul Aijaz. In progress. (Co-chaired with Purnima Bose, English)

Mitchell Owens. In progress.

Veronica Hanway. In progress.

Ph.D. Committee Participation

Rebecca Clouser. 2015. Geography.

Elizabeth Vidon. 2015. Geography.

Angela Babb. 2017. Geography.

Nancy Germano. 2017. History.

Paolo Massoca. 2020. Anthropology.

Lucy Miller. 2020. Anthropology.

Christopher Miles. 2021. Informatics and Media School joint degree.

Cole Stratton. 2022. Media School.

Daniel Qaurooni. 2022. Informatics.
Ann Campbell. (In progress) History and Philosophy of Science
Daniel Fladager. (In progress). English.
Evan Sennett. (In progress). English

Qualifying Examination Committee Member

Angela Babb. 2013. Geography
Amy Savener. 2013. Geography
Cole Stratton. 2020. Media School
Ann Campbell. 2022. History and Philosophy of Science and Medicine
Katreen Boustani. (In progress). Informatics
Shulan Sen. (In progress). Anthropology

MA Committees Chaired

Alexis Kargl. 2009. “Food Sovereignty in Chemax: Questioning Neoliberal Interventions in the Lives of Mayan Smallholders”
Susan Powell. 2012. “Media Portrayals, Migration, and Identity of Mongolian Ninja Miners.”
Will Levin. 2014. “Ohio’s 3C and the Futures of U.S. Passenger Rail.”
Curtis Pomilia. 2015. “The politics of social determinants and the built environment in CDC chronic disease prevention.”
Ryan Wyeth. 2016. “Flows of power: Water crisis and governance in the Republic of Georgia.”

MA Committee Member

Angela Siquiera 2010
Laura Alvarez 2012
Leif Hagglund 2012
Jacob Schumacher 2012
Carmen Antreasian 2016

BA Honors Theses Supervised

+Lara Hamburger. 2010. “Dinner at the Margins: Community Institutions and Food Insecurity in Bloomington, Indiana.”

BA Honors Thesis Committee Member

Andrew Brown. 2021. “Developing a Ratings Curve for the Campus River.”

Faculty Mentor, Office of Sustainability

Hadley Ocheltree. 2017 – 2019. Sustainability Scholar.
Esmeralda Martinez. 2018. Summer Research Grant. Comparative study of community gardens in Detroit and Havana.

Ian (Eve) Gordon. 2021 – 2023. Sustainability Scholar.

Interdisciplinary Majors Supervised

Megan Agnew. 2014. Environmental health.

+ First honors thesis in Geography

Service

PROFESSIONAL SERVICE:

Book Series

- 2021 – *Critical Physical Geography* series editor (with Stuart Lane), Open Book Publishers.
- 2016 – *Economic Transformations* series editor (with Brett Christophers, Jamie Peck, and Marion Werner), Agenda Publishing.
- 2012 – *Critical Environments: Nature, Science, and Politics* series editor (with Julie Guthman), University of California Press.

Journal Editorial Boards

- 2021 – *Environment and Planning F: Philosophy, Theory, Models, Methods and Practice*
- 2021 – *Progress in Environmental Geography*
- 2019 – *The Geographical Journal (RGS/IBG)*
- 2018 – *Gender, Place and Culture*
- 2016 – *Annals of the American Association of Geographers*
- 2014 – 2020 *Science as Culture*
- 2013 – *The Canadian Geographer*

Scientific Advisory Boards

- 2022 – International Scientific Advisory Board, H20²Lyon.
- 2021 – 2022 Integrative Science of Rivers International Conference, Lyon, France.
- 2020 – “Contested Waterway. Governance and Ecology on the Lower Danube, 1800 - 2020” Leibniz Society.

Professional Organizations

- 2022 – 2024 Chair, AAG Taskforce on Public and Engaged Scholarship
- 2022 – 2023 Vice-President, American Association of Geographers
- 2017 – 2019 Co-Chair, Honors Committee, American Association of Geographers
- 2016 – 2017 Advisory Board, Cultural Political Economy of Research and Innovation
- 2012 – 2014 Councilor-at-large, Cultural and Political Ecology specialty group, AAG.

Conferences and Workshops Organized

- 2023 “Critical Urban Physical Geography.” Co-organized with Nubia Beray Armond. IU’s Mexico City Gateway Center. April 21-23, 2023.
- 2023 KOI: Kentucky, Ohio, Indiana Graduate Student Workshop in Political Ecology. Co-organized with M. Dwyer, J.Postigo, and A. Shattuck. Bloomington, IN, February 2-3, 2023.
- 2021 “Critical Physical Geography Dissertation Workshop.” Online, April 2, 5, and 6, 2021. Theme: CPG, biophysical research, and race and equity in the

- environment. (Organized by Melanie Malone, with assistance from Salvatore Engel-DiMauro and Rebecca Lave)
- 2019 KOI: Kentucky, Ohio, Indiana Graduate Student Workshop in Political Ecology. Bloomington, IN, November 14-15, 2019.
- 2019 “Critical Physical Geography Dissertation Workshop,” Baltimore, MD March 30-April 2, 2019 (with Salvatore Engel-DiMauro, Lisa Kelley, Nathan Sayre, and Ben Wisner).
- 2018 Graduate student methods workshops in multispecies ethnography (Laura Ogden) and historiography (Dawn Biehler).
- 2017 “European Critical Physical Geography Workshop,” IU’s European Gateway Center in Berlin. March 20-22.
- 2016 “Critical Physical Geography Dissertation Workshop,” Berkeley, CA March 26-28, 2016 (with Salvatore Engel-DiMauro).
- 2015 “Critical Physical Geography AAG Pre-conference,” Chicago, IL, April 2015.
- 2012 “Neoliberalism and Institutions of Knowledge Production,” Indiana University, April 27-28th. Co-organizing workshop as part of the Mellon Sawyer Seminar “Rupture and Flow”
- 2011 “Reversing the Flow,” Indiana University, April 22-23rd. Organized workshop with six speakers from the U.S., U.K., and Netherlands on science developed outside the academy as part of the Mellon Sawyer Seminar “Rupture and Flow”.

Funding Agency/Foundation Reviewer

American Academy in Berlin
 Canadian Social Sciences and Humanities Research Council (SSHRC)
 Center for Engaged Scholarship dissertation fellowship
 Chilean National Agency for Research and Development (Agencia Nacional de Investigacion y Desarrollo)
 NSF Arctic System Sciences and Arctic Social Sciences: Ad hoc
 NSF Geography and Spatial Science/Human-Environment Geography: Ad hoc and panelist
 NSF Hydrology: Ad hoc
 NSF Science and Technology in Society: Ad hoc

Promotion and Tenure Referee

American University
 Boston University
 Durham University, UK
 Nipissing University
 Pennsylvania State University
 University of British Columbia
 University of Georgia
 University of Nevada-Reno
 University of New Mexico
 University of Southern California
 University of Washington-Bothell

Journal Referee

American Fisheries Society; Annals of the Association of American Geographers (environmental sciences and nature & society sections); Antipode; Anthropocene Review; Area; Big Data & Society; Biological Conservation; Bioscience; Biosocieties; Catena; Citizen Science: Theory and Practice; Climatic Change; Conservation and Society; Current Opinion in Environmental Sustainability; Distinktion; Earth Surface Processes & Landforms; Ecology & Society; Economic Geography; Engaging Science, Technology and Society; Environment & Planning A; Environment & Planning D: Society and Space; Environment & Planning E; Environmental Education Research; Environmental Management; Environmental Studies and Sciences; Frontiers in Human Dynamics; Gender, Place and Culture; Geo: Geography and Environment; Geoforum; Journal of the American Water Resources Association; Journal of Environmental Policy & Planning; Land Use Planning; Minerva; Nature & Culture; Political Geography; Progress in Environmental Geography; Progress in Human Geography; Progress in Physical Geography; Restoration Ecology; River Research & Applications; Science as Culture; Science, Technology & Human Values; Social Studies of Science; Society & Natural Resources; The Canadian Geographer; Transactions of the Institute of British Geographers; Water Alternatives; WIREs Climate; WIREs Water.

Academic Press Referee

MIT Press
Palgrave
Sage
University of California Press
University of Nebraska Press
University of Washington Press
Wiley

Special Issues Edited

- Malone, M. and R. Lave. (In Progress). Special Issue: Confronting Structures of Power in Biophysical Research. *Capitalism, Nature, Socialism*.
- Biermann, C., S. Chignell, K. Clifford, L. Kelley, R. Lave, A. Rader. 2023. Special issue: Practicing Critical Physical Geography: New branches on a growing tree. *The Canadian Geographer*. (Invited)
- Lave, R. 2015. Special issue: Critical Physical Geography. *Progress in Physical Geography* 39(5). (Invited)
- Lave R., P. Mirowski, and S. Randalls. 2010. Special issue: STS and Neoliberal Science. *Social Studies of Science* 40(5).

Conference Sessions Organized

- Lave, R. (2023). Author meets critics: Cleo Woelfle-Hazard's *Underflows*. American Association of Geographers, Denver, CO.
- Bryan, J. and R. Lave. (2021). Author meets critics: Elizabeth Hennessey's *On the Backs of Tortoises*. American Association of Geographers, Denver, CO.

- Lave, R. (2020). Author meets critics: Julie Guthman's *Wilted*. American Association of Geographers, Denver, CO.
- Lave, R. and B. Mansfield. (2019). "Author meets critics: Juno Parreñas' *Decolonizing Extinction*." American Association of Geographers, Washington D.C.
- Baeten, J., L. Kelley, and R. Lave. (2019). Two session stream: "Interdisciplinary Environmental Research: Reconciling Disparate Geographic and Temporal Scales of Data." American Association of Geographers, Washington D.C.
- Lave, R. and B. Mansfield. (2019). "Sexual Harassment in Academia." Dimensions of Political Ecology conference, Lexington, KY.
- Lane, S. and R. Lave. (2018). Two session stream on Handbook of Critical Physical Geography and Critical Physical Geography in practice at Royal Geographic Society/Institute for British Geographers annual meeting, Cardiff, UK.
- Lave, R. and S. Lane (2018). Two session stream on Critical Physical Geography: Author Meets Critics on the Handbook of Critical Physical Geography, and Transformative Eco-Social Practice." American Association of Geographers, New Orleans, LA.
- Lave, R. and N. Castree (2017). "Values in environmental research: Beyond a scientized politics and a politicized science." American Association of Geographers, Boston, MA.
- Lave, R. (2016). "Critical Physical Geography in Practice." Three-session stream. American Association of Geographers, San Francisco, 2016.
- Lave, R. and G. Ottinger (2013). "Not Just Participation, Influence: Rethinking the Power Relations Between Academic and Extramural Science." Society for Social Studies of Science, San Diego.
- Lave, R. and E. Perramond. (2013). "Streams of Power." Association of American Geographers, Los Angeles, CA.
- Lave, R. and M. Wilson (2012). "Critical Physical Geography." Two session stream for the Association of American Geographers, New York, NY.
- Lave, R. (2011). Author meets critics on Philip Mirowski's *Science-Mart: Privatizing American Science*. Society for Social Studies of Science, Cleveland, OH.
- Lave, R. (2011). "Neoliberal Science Regimes." Nature, Inc. The Hague.
- Lave, R. and M. Wilson. (2010). "Geography, Technology, and Science." Midwestern Regional Critical Geography Conference (the Crit-Mini), Milwaukee, WI.
- Lave, R. and D. Winickoff. (2009). Organizer/discussant for two paper sessions on "The Privatization of Science." Society for the Social Studies of Science, Washington D.C.
- Lave, R. and S. Randalls (2007). "Private Sector Science – commercial ways of knowing." Society for Social Studies of Science. Montreal.

Invited webinars

- 2013 "Stream Mitigation Banking" for the Association of State Wetlands Managers. 7.25.2013.
- 2010 "Stream mitigation: Successful Conservation Strategies" for J.F. New. 9.29.2010. http://www.cardnojfnew.com/Education/ViddlerVideo/Webinars_From_Viddler/Stream_Mitigation_Successful_Conservation_Strategies.aspx

Radio/Podcast/Media Interviews and Coverage

- 2022 Background for New Yorker article on offsetting (Ellie Shechet)

- 2022 Schmidt, Jennifer. 2022. "Endangered Rivers Plagued by Pollution, Climate Change, and Outdated Management." *Eos*. <https://eos.org/articles/endangered-rivers-plagued-by-pollution-climate-change-and-outdated-management>
- 2022 Kwan, Jacklin. 2022. "The Academic as Entrepreneur: Universities may be the new Silicon Valley. That should worry us." *Current Affairs*.
<https://www.currentaffairs.org/2022/06/the-academic-as-entrepreneur>
- 2018 Goldfarb, Ben. 2018. *Eager: The Surprising, Secret Life of Beavers and Why they Matter*. White River Junction, VT: Chelsea Green Publishing.
- 2017 Coverage of EDGI in *The Intercept*, *The Manchester Guardian*, *The New York Times*, and others
- 2016 Science Vs. podcast on fracking. 2.16
- 2015 Goldfarb, Ben. 2015. "Should we put a price on nature? A nuanced look at ecosystem services." *High Country News*, January 19.
<https://www.hcn.org/issues/47.1/should-we-put-a-price-on-nature>
2014. Elliott, Rebecca. 2014. "'You could let the river be a river'." *Houston Chronicle*, December 8. <https://www.houstonchronicle.com/local/gray-matters/article/The-Rosgen-wars-5938431.php>
- 2013 WFHB. Interviewed about *Fields and Streams* for the show "Ecoreport." 2.5.2013.
- 2012 WIUX. Guest for hour-long show focused on human impacts on aquatic ecosystems. 12.3.2012.
- 2012 Review of *Fields and Streams*, Troutheadwaters.com:
<http://troutheadwaters.com/clubecoblu/?p=4251>

CAMPUS SERVICE

- 2022 **Internal member**, External Review for the Department of Gender Studies
- 2021 – 2022 **Search committee member**, Director of the Commons program at the Ostrom Workshop.
- 2016 - 2019 **Curriculum Committee Member**, BA in Environmental Sustainability Studies
- 2016 - 2017 **Member**, College of Arts & Sciences Strategic Planning Committee
- 2016 - 2019 **Elected member**, College Policy Committee
- 2015 - 2016 **Search committee member** for qualitative social scientist of climate change in Department of International Studies
- 2014 – 2015 **Member**, 21st Century Liberal Arts Curriculum Task Force
- 2014 – 2015 **Member**, Bloomington Faculty Council Sub-Committee on Mergers, Reorganizations and Eliminations
- 2014 **Member**, selection committee for Sustainability Course Development Fellowship
- 2013 **Reviewer**, IU pre-dissertation summer fellowship.
- 2013 – 2015 **Initiator and organizer**, IU STS Working Group
- 2011 **Member**, selection committee for Summer Writing/Teaching Fellowship.

DEPARTMENTAL SERVICE

- 2021 – 2022 **Chair**, Ad hoc committee on public and engaged scholarship
- 2019 – 2022 **Department Chair**
- 2019 – 2020 **Chair**, Ad hoc committee on graduate student mentoring

2019 – 2021	Chair , Ad hoc committee on promotion criteria for NTT faculty
2018 – 2019	Coordinator , External Review
2010 – 2019	Director of Undergraduate Studies (except during 2015-2016 sabbatical)
2018	Interim Department Chair (Spring semester)
2018	Search Committee Chair . Critical Food Studies.
2017-2018	Departmental representative for potential move to Geology Building.
2016	Chair , Strategic Plan Committee
2013-2014	Initiator and organizer . Professional development and teaching workshops.
2013-2014	Search Committee Chair . Political Geography position.
2013-2014	Search Committee Chair . Geography of EU position.
2013-2014	Department lead at COAS learning assessment workshops
2013, 2014, 2018	Faculty retreat organizer and co-facilitator.
2012	Search committee member for Development Geography position.
2012	Search committee member for Global Environmental Change position.
2010, 2014, 2018	Salary Committee member
2009	Space Committee member , addressing shifting space needs in the Geography Department

PUBLIC SERVICE: THE ENVIRONMENTAL DATA AND GOVERNANCE INITIATIVE (EDGI)

- 2016 –2018 Co-founder and Steering Committee Member.
2016 – 2018 Co-editor (with Sara Wylie) of EDGI's series of reports on the environmental impacts of the Trump Administration

EDGI Publications:

Peer reviewed:

- Dillon, L., Walker, D., Underhill, V., Martenyi, M., Shapiro, N., Wylie, S., **Lave, R.**, Murphy, M., Brown, P., EDGI. 2017. "Environmental data justice and the Trump Administration: Reflections from the Environmental Data and Governance Initiative." *Environmental Justice*. 10(6): 186-192.
<https://doi.org/10.1089/env.2017.0020>
- Dillon, L., **Lave, R.**, Mansfield, B, Chan, A. Murphy, M., Shapiro, N., Wylie, S. 2019. "Situating Data in a Trumpian Era: The Environmental Data and Governance Initiative." *Annals of the American Association of Geographers*.
- Walker, D., Nost, E, Lemelin, A., **Lave, R.**, Dillon, L. (2019). "Moving environmental data justice into practice: From DataRescue to Data Together." *Geo*. Invited.

Non-peer reviewed:

- Gehrke, G. and R. Lave. 2019. *The EPA must provide more accessible and informative resources for authentic public comment*. Comment on proposed changes to 2015 Clean Water Rule. 9pp.
- Sellars, C., Dillon, L., Ohayon, J., Shapiro, N., Sullivan, M., Amoss, C., Bocking, S., Brown, P., De la Rosa, V., Harrison, J., Johns, S., Kulik, K. **Lave, R.**, Murphy, M., Piper, L., Richter, L., Wylie, S., EDGI. 2017. *The EPA Under Siege: Trump's Assault in History and Testimony*. 97pp. <https://envirodatagov.org/publication/the-epa-under-siege/>
- Paris, B., Dillon, L., Pierre, J., Pasquetto, I., Marquez, E., Wylie, S., Murphy, M., Brown, P., **Lave, R.**, Sellars, C., EDGI. (2017). *Pursuing a Toxic Agenda: Environmental Injustice in the Early Trump Administration*. 80pp. <http://100days.envirodatagov.org/pursuing-toxic-agenda/>
- Rinberg, T., Anjur-Dietrich, M., Beck, M., Bergman, A., Derry, J., Dillon, L., Gehrke, G., **Lave, R.**, Sellars, C., Shapiro, N., EDGI. (2019). *Changing the Digital Climate: How Climate Change Web Content is Being Censored under the Trump Administration*. 41pp.
(Sellars et al. and Paris et al. edited by R. Lave and S. Wylie; Rinberg et al. edited by R. Lave)

Plenary Speaker:

- Lave, R. Closing Plenary Biodiversity Funders Group, Flagstaff, AZ. 6.22.17
Lave, R. Plenary, Earth Sciences Information Partnership. Bloomington, IN. 7.26.17

Op/Eds and Blog Posts:

Lave, R. (2017, February 16) “It’s vital for science that we cache US federal agency facts.” *Times Higher Education*. <https://www.timeshighereducation.com/comment/its-vital-science-we-cache-us-federal-agency-facts>

Paris, B. and **R. Lave**. (2017, July 20) “Environmental Injustice in the Early Days of the Trump Administration.” *Union of Concerned Scientists*. <http://blog.ucsusa.org/science-blogger/environmental-injustice-in-the-early-days-of-the-trump-administration>