

Roopali Phadke

Curriculum Vitae

May 2024

Department of Environmental Studies

Macalester College
Saint Paul MN 55105

I. Education

Postdoc	Kennedy School of Government	Harvard University	2005
PhD	Environmental Studies	Univ. of California, Santa Cruz	2003
MA	Asian Studies	Cornell University	1998
BA	Political Science	Wellesley College	1994

II. Academic Employment

2021-present	Jan Serie Center for Scholarship and Teaching	Associate Director
2019-2022	Environmental Studies, Macalester College	Chair
2018-2019	Institute on the Environment, Univ. of Minnesota	Visiting Scholar
2015-present	Environmental Studies, Macalester College	Professor
2011-2015	Environmental Studies, Macalester College	Associate Professor
2005-2011	Environmental Studies, Macalester College	Assistant Professor

III. Published Work

(*Denotes student author)

Refereed Articles and Book Chapters

Phadke, R. "Green Nickel, Electric Vehicles and Mining Governance Challenges in the U.S.," *Extractive Industries and Society*. Vol 18: 101469. 2024.

Phadke, R. "Upstream Engagement in the Era of Climate Change", Z. Baker, T. Law, M. Vardy and S. Zehr (eds) *Climate, Science and Society*. Routledge Press. 2023.

Phadke, R. "Blue," in P. Bogard (ed) *Solastagia: An Anthology of Emotion in a Disappearing World*. University of Virginia Press. 2023.

Sovacool, B., D. Hess, A. Amir, F. W. Geels, R. Hirsh, L. R. Medina, C. Miller, C. A. Palavicino, **R. Phadke**, M. Ryghaug, J. Schot, A. Silvast, J. Stephens, A. Stirling, B. Turnheim, E. van der Vleuten, H. van Lente, and S. Yearley. "Sociotechnical Agendas: Reviewing Future Directions for Energy and Climate Research," *Energy Research & Social Science*. Vol 20. 2020.

- Phadke, R. "The repatriation challenge: Critical minerals mining in the United States," in A. Bleicher and A. Pehlken (eds). *The Material Basis of Energy Transitions*. Elsevier Press. 2020.
- Phadke, R. "Climate Smart Mining," *The Extractive Industries and Society* Vol 6(4): 1373-1375. 2019.
- Kinchy, A, **R. Phadke** and J. Smith. "Engaging the Underground: An STS Field in Formation," *Engaging Science, Technology, and Society* Vol 4 (2018): 22-42. 2018.
- Phadke, R. "Green Energy Futures: Responsible Mining on Minnesota's Iron Range," *Energy Research & Social Science* Vol 35: 163-173. 2018.
- Phadke, R.**, C. Manning and S. Burlager*. "Making it Personal: Diversity and Deliberation in Climate Adaptation Planning," *Climate Risk Management* Vol 9: 62-76. 2015.
- Phadke, R. "Green Energy, Public Engagement and the Politics of Scale," in D. Kleinman and K. Moore (eds) *The Handbook of Science, Technology, and Society*. NY: Routledge Press. 2014.
- Phadke, R. "Public Deliberation and the Geographies of Wind Justice," *Science as Culture* Vol 22(2). 2013.
- Phadke, R. "Water Works in India," *Journal of Political Ecology* Vol 20. 2013.
- Phadke, R. "Resisting and Reconciling Big Wind: Middle Landscape Politics in the New American West," *Antipode* Vol 43:3. 2011.
- Phadke, R. "Defending Place in the Google Earth Age," *Ethics, Place and Environment* Volume 13 (3). 2010.
- Phadke, R. "Reclaiming the Technological Imagination: Water, Power and Place in India," in M. Goldman, P. Nadasky and M. Turner (eds) *Knowing Nature: Conversations between Political Ecology and Science Studies*. Chicago: University of Chicago Press. 2010.
- Phadke, R. "Steel Forests and Smoke Stacks: The Politics of Visualization in the Cape Wind Controversy," *Environmental Politics* Vol 19 (1): 1-20. 2010
- Phadke, R. "People's Science in Action: The Politics of Protest and Knowledge Brokering in India," *Society and Natural Resources* Vol 18: 363-375. 2005. (Also re-printed in D. Johnson and J. Wetmore (eds). 2008. *Technology and Society: Building Our Sociotechnical Future*. Cambridge: MIT Press. Pp. 499-514.)
- Phadke, R. "Dreams of a Water Warrior," Special Issue: Shades of Green. *Seminar* Vol 516: 31-34. 2002. (Also re-printed in M. Rangarajan (ed). 2007. *Environmental Issues in India: A Reader*. Delhi: Pearson Longman. Pp. 507-516.)
- Phadke, R. "Assessing Water Scarcity and Watershed Development in Maharashtra, India: A Case Study of the Baliraja Memorial Dam," *Science, Technology & Human Values* Vol 27 (2): 236-261. 2002.

Essays, Reviews and Monographs

Phadke, R. "[Fort Snelling's Deep Time Stories](#)," in *After the Industrial River: Essay Collection. Mississippi Anthropocene Project*, M. Adamson, B. Bruce and R. Phadke (eds). 2020.

Kinchy and **R. Phadke**. "[STS Underground: Images from an Emerging Subfield](#)," *Backchannels* (4S). February 2016.

Phadke, R. "[Behind the Walls: Manifestations of Place and Space at COP21](#)," *Engaging Science, Technology, and Society* Vol 1: 88-97. 2015.

Phadke, R. "Review of Waterscapes: The Cultural Politics of a Natural Resource by Amita Baviskar," *Contributions to Indian Sociology* Vol 44(3). 2010.

Phadke, R. "Columbia River". *Green Energy Encyclopedia*. Edited by Paul Robbins. Sage Green Series. 2010.

Phadke, R. "Irrigation". *Green Food Encyclopedia*. Edited by Paul Robbins. Sage Green Series. 2010.

Phadke, R., C. Manning, A. Diebolt and M. Kazinka. [Wind Energy and Scenic Considerations in Wyoming](#). Proceedings from a June 2009 Workshop.

Phadke, R. *Some Water for All: People's Science Lessons from the Krishna Valley*. Ph.D. Thesis, University of California, Santa Cruz. 2003.

Phadke, R. *Dams, Displacement and Community Reconstruction: An Annotated Bibliography and Reference Guide*. Institute of International Studies, Univ. of California Berkeley. 1999.

Phadke, R. *Drought Relief in Maharashtra: A Case Study of the Baliraja Memorial Dam*. MA Thesis, Cornell University, Ithaca, NY. 1998.

Public Scholarship

(*Denotes student author)

Jensen, M, **R. Phadke**, K. Steva and M. Riffel. "The Economic Potential of E-Waste Recycling in Minnesota" Iron Range Partners for Sustainability. 2023.

Phadke, R. (with assistance from A. Bruno*, R. Campbell*, CJ Denney*, B. Garrioch*, M. Mousoom*, and D. Yalamanchili*). "Energy Burden in Minnesota: Utility costs and Ratepayer Challenges (2013-2022)". A report prepared by Macalester College for the Citizens Utility Board. 2023.

Phadke, R. *Engagement Matters: Public Understandings of River Infrastructure*. Report Submitted to the U.S. Army Corps of Engineers regarding their Upper Mississippi Disposition Scoping Process. 2023.

Phadke, R. and F. Hornstein. "[Minnesota who went to climate summit returned both distressed and ready to work](#)," *MinnPost* Community Voices. November 2021.

Phadke, R. "[Green tech metals for renewable energy and other smart technologies need to sourced sustainably and responsibly](#)," *Ensia Magazine*. February 2019.

- Phadke, R. and S. Matteson. "[Women Will Change the Range](#)," *MinnPost*. November 2018.
- Phadke, R. and C. Manning. "[It's not just a buzzword: Why resilience matters to Minneapolis and St. Paul](#)," *Minneapolis Star Tribune* Opinion Editorial. February 2018.
- Phadke, R. "[Why Red states should oppose Trump on climate](#)," CNN News. June 2017.
- "Welcome to the Anthropocene". Exhibit catalog for Macalester College Library. December 2016.
- Bozentko, K. and R. Phadke. "[Engaging Minnesotans in global climate talks](#)." *MinnPost* Community Voices. June 2015.
- "[Ready & Resilient: An Extreme Weather Guide for Saint Paul Residents](#)". June 2014.
- Phadke, R., B. Besch*, A. Buchanan* and N. Camplair*, "Western Massachusetts Wind Energy Landscape Symposium: Workshop Report". 2012. www.macalester.edu/windenergy
- Phadke, R., A. Buchanan*, E. DeJong* and N. Camplair*, "Minnesota Wind Energy Landscape Symposium: Workshop Report". 2012. www.macalester.edu/windenergy
- Phadke, R., C. Manning, A. Buchanan*, E. DeJong* and N. Camplair*, "Michigan Wind Energy Landscape Symposium: Workshop Report". 2011. www.macalester.edu/understandingwind
- Manning, C., R. Phadke, N. Camplair*, E. DeJong*, and A. Buchanan*, "Report of Results from a Community Survey". 2011. www.macalester.edu/understandingwind
- Phadke, R. "[600 Words for the Planet: Introduction to the Environmental Op-ed series](#)". April 2010.
- Phadke, R. "[The Heat Is On](#)," *Twin Cities Daily Planet*. October 2009.
- Anderson, E. and R. Phadke. "[Don't be fooled by nuclear power PR](#)," *Minneapolis Star Tribune* Opinion Editorial. April 2009.
- Phadke, R. "[A humbling, surreal path to citizenship](#)," *Minneapolis Star Tribune* Opinion Editorial. November 2009.
- Phadke, R. "Against the Wind: Social acceptance is one of the biggest obstacles to extracting energy from air," *Minneapolis Star Tribune* Opinion Editorial. August 2008.
- Phadke, R. "The Environment, Citizenship, and the Public Good". *Macalester Civic Forum 2008*. Vol 2: 109-115. Summer 2008.

IV. Presentations

Invited Lectures and Seminars

“Mining in Minnesota: Pushing for a 100% Collection Bill”, Mining Energy Transitions Group. February 2024.

“Minnesota's 100% E-waste Collection and Recycling Bill”, Campaign Launch, Macalester College. September 2023.

“Minnesota Women Empowered in Energy (Expert Panel),” Center for Energy and Environment. Hennepin Theater Trust. September 2023.

“Blue,” Essay reading. Next Chapter Booksellers. April 2023.

“IRA and New Industrial Policy,” Environmental Justice course, Univ. of Minnesota. April 2023.

“Blue,” Essay reading for launch of *Solastalgia*. Center for Justice and Law, Hamline University. February 2023.

“Mining the Climate Crisis”, Minnesota Center for Environmental Advocacy. December 2022.

“Climate, Community and Commodity: The Wild Rice Challenge to Green Nickel,” Rare Earths in the Just Transition Conference. University of Warwick, UK. September 2022.

“Unmaking the Mississippi”. Alexandria Technical & Community College. September 2022.

“Responsible Mining, Recycling and Repair”. Tamarack Water Alliance. May 2022.

“Women Leading Courageously,” Women’s Environmental Network. April 2022.

“Recycling Precious Metals from E-Waste,” Iron Range Earthfest. April 2022.

“The Army Corps of Engineers and the Unmaking of the Mississippi River,” Humphrey School of Public Affairs, STEP Seminar, Univ. of Minnesota. February 2022.

“Global Conversations: COP26,” [Global Minnesota Seminar](#). December 2021.

“Toward a Circular Economy for Minerals,” Iron Range Sustainability Partnership. Virtual seminar. October 2021.

“Arcing toward Climate Justice,” McLean Seminar, Mindstreich, Saint Paul. May 2021.

“Racism is Killing the Planet,” Unity Unitarian Church, Saint Paul. April 2021.

“[Will the Rivers Run Dry?](#),” Big Questions Series, Denver Botanical Garden. February 2020.

“Minnesota Solar Panel Recycling,” Speaker. MN Pollution Control Agency, Saint Paul. December 2019.

“Essential Minerals,” Keynote Address. American Solar Energy Association. Minneapolis. August 2019.

“Mining Futures: Prospecting Critical Metals in the U.S. and Beyond,” DIS Copenhagen. April 2019.

“Mining Futures: Prospecting Critical Metals in the U.S. and Beyond,” Hemholtz Centre for Environmental Research, Leipzig. April 2019.

“Mining Futures: Prospecting Critical Metals in the U.S. and Beyond,” Sciences Po, Centre Emile Durkheim. Bordeaux. February 2019.

“Mining Futures: Prospecting Critical Metals in the U.S. and Beyond,” NTU, Science and Technology for Humanity, Singapore. January 2019.

“Mining Futures: Prospecting Critical Metals in the U.S. and Beyond,” Descartes University, Paris. December 2018.

“Women Will Change the Range”. Seminar facilitator, MN Pollution Control Agency, Saint Paul. November 2018.

“Mining, Corn and Oil – About the substances of climate change”. Water Bar Poetry Reading, Minneapolis. November 2018.

“Critical Minerals and the Politics of Clean Energy Production”. Energy Transition Lab, University of Minnesota, Saint Paul. November 2018.

“Mining, Consumerism and Climate Change”. NOMAD/9, Univ. of Hartford MFA Course, Minneapolis. October 2018.

“Mining, Consumerism and Climate Change”. Climate Generation, Minneapolis. September 2018.

“Mississippi. An Anthropocene River”. Haus der Kulturen der Welt, the Max Planck Institute for the History of Science and the Weisman Art Museum, Minneapolis. June 2018.

“Between Art and Sky”. Guest Teacher. MN National Wildlife Refuge, Bloomington, MN. June 2018.

“Digging Deep: Mining, Consumerism, and Climate Change”. Café Scientifique. Bell Museum of Natural History, Minneapolis. May 2018.

“Resilience”. Institute for Advanced Study University of Minnesota, Minneapolis. February 2018.

“Together//Artists and Scientists Building Community”. Public Art Saint Paul/McKnight Foundation, Minneapolis. October 2017.

“Implications of Climate Change for War and Peace”. First Universalist Church, Minneapolis. Oct 2017.

“Post-Paris Treaty Withdrawal”. Minnesota Environmental Quality Board, Saint Paul. July 2017.

Earth Day Speaker, Saint Paul Academy and Summit School, Saint Paul. April 2017.

“Community Resiliency and Public Health”. Climate Action Task Force, City of Saint Paul. March 2017.

“The Promise of the Paris Accords”. Unity Unitarian Church, Saint Paul. March 2017.

“Corporate Social Responsibility and the American West”. Colorado School of Mines, Golden. November 2015.

“Environmental Leadership”. Boreas Program. Institute of the Environment, Univ of Minnesota, Minneapolis. October 2015.

“Making it Personal: Lessons in Community Engagement”. Invited presentation to City Staff Saint Paul for their Climate Resiliency Framework Kick Off meeting, Saint Paul. July 2015.

“Individual Actions for Climate Adaptation,” Building Minnesota’s Capacity for Climate Adaptation Conference, Minneapolis. November 2014.

“Identifying Risks and Vulnerabilities,” National League of Cities Midwest Regional Convening on Climate Resilience, Saint Paul. September 2014.

“Ready & Resilient: Engaging Diverse Communities in Climate Preparedness in Saint Paul,” Sociology Department, Univ. of Minnesota, Minneapolis. October 2014.

“Public Engagement in Climate Adaptation Planning”. Listening Session with Gina McCarthy, EPA Administrator, Saint Paul. July 2014.

“Landscapes of Power: Wind Energy and the Politics of Home Rule”. Class of 1960s Invited Lecture, Williams College, Williamstown, MA. March 2014.

“Landscapes of Power: Modeling Community Deliberations about Wind Energy Development”. Distinguished Speaker in Research in Action Series, Univ. of Washington, Bothell. November 2013.

“Visual Impact of Windpower on Communities”. Invited presentation for the “Big Ideas Seminar”, Dept of Landscape Architecture, University of Nebraska, Lincoln. October 2012.

“New Geographies of Energy Justice in America,” Department of Geography, University of Minnesota, Minneapolis. December 2011.

“Summary Report” Public Presentation for the Understanding Wind Initiative, Manistee, MI. October 2011.

“Understanding Wind Energy Siting Resistance,” Midwest Renewable Energy Policy Advocates, Minneapolis. June 2011.

“Understanding Community Resistance to Wind Energy,” Women of Wind Energy (WoWE) Seminar, St. Paul. February 2011.

“Wind Power and Public Perceptions,” Science and Technology Policy Institute (STPI), Washington, DC. October 2010.

“Green Energy Blues,” Northlands Bioneers Conference Keynote Address, St. Paul. October 2010.

“Wind Energy on the Horizon,” Macalester Alumni College Lecture, Saint Paul. August 2010.

“Visual Impacts, Public Perceptions and Landscape Concerns,” Canadian Wind Energy Association’s Wind Energy Forum, Toronto. April 2010.

“Public Attitudes toward New Energy Technologies”. Invited presentation for the workshop on “Risks and Benefits of Emerging Energy Technologies,” American Academy of Arts and Sciences. Cambridge, MA. December 2009.

“Public Perceptions: Wind Energy’s Landscape Impacts”. Invited presentation for the American Wind Energy Association’s Fall Symposium, Orlando, Fl. November 2009.

“Education and Global Learning”. North Hennepin Community College, Brooklyn Park, MN. November 2009.

“Deliberating Climate Change”. Invited presentation for the “No Better Time” Deliberative Democracy conference at the University of New Hampshire, Durham, NH. July 2009.

“Global Challenges of Sustainability”. Invited presentation to the National Science Foundation seminar “Science, Technology and Sustainability: Building a Research Agenda,” Washington, DC. Sept 2008.

“Reclaiming Water and Power in India's Krishna Valley”. Special Series on Science and Public Policy. Jointly sponsored by the Committee on Science and Technology Studies and the Taubman Center for Public Policy. Brown University, Providence, RI. February 2008.

“Enframing the Viewshed: Negotiating Visual Norms for Wind Energy Development”. *SociETAS Seminar Series*. Department of Rural Sociology, University of Wisconsin, Madison. November 2007.

“The Aesthetics of Energy”. Invited presentation at the American Solar Energy Society Annual Meeting. Cleveland. July 2007.

“Aesthetic Democracy: Negotiating Visual Norms for Wind Energy Development,” Science, Technology and Public Policy Lecture Series. Ford School of Public Policy, University of Michigan, Ann Arbor. February 2007.

“Damming the Krishna Valley: Lessons in Technological Reclamation,” Political Ecology and Science Studies Workshop. University of Wisconsin, Madison. April 2006.

“Damming the Krishna Valley”. Water Resources Seminar. University of Minnesota, St. Paul. Jan 2006.

“Visualization and Representation”. Center for Science, Policy and Outcomes, ASU, Tempe. Oct 2005.

“Lessons from the Krishna Valley”. College of Engineering, Tufts University. April 2005.

“Dams and the Technological Imaginary”. Program in Science, Technology and Society, MIT, Cambridge. May 2005.

“Some Water for All”. Environmental Studies Program, Whitman College, Walla Walla. December 2004.

“Some Water for All: Lessons from the Krishna Valley”. Geography Department, University of Washington, Seattle. February 2004.

"World of Rivers", Cowell College Seminar Series, UC Santa Cruz. December 2002.

Conference Presentations and Organizing

“Green Nickel: Reconciling U.S. Energy transitions with Water justice,” Critical Minerals in/as Context Workshop, Asia Research Institute, National University of Singapore. May 2024.

“Green Nickel, EVs and Indigenous Sovereignty,” Society for the Social Studies of Science (4S) Annual Meeting. Honolulu. December 2023.

“Mining for/the Climate”, Co-organizer, with Kirk Jalbert (University of Buffalo) and Javiera Barandiaran (UC Santa Barbara) of three sessions (16 presentations), Society for the Social Studies of Science (4S) Annual Meeting. Honolulu. December 2023.

“STS Engagements with Critical Mineral Studies I and II,” Co-organizer, with Kirk Jalbert (ASU) and Javiera Barandiaran (UC Santa Barbara) of two sessions, Society for the Social Studies of Science (4S) Annual Meeting. Cholula, Mexico. December 2022.

“Unmaking of the Mississippi River,” Association of American Geographers (AAG) Annual Meeting. New York . February 2022.

“The Army Corps of Engineers and the Unmaking of the Mississippi River,” Science and Democracy Network, Harvard University, Virtual Conference. June 2021.

“Rachel Carson Prize,” Panel Chair and Organizer, Society for the Social Studies of Science (4S) Annual Meeting. New Orleans. September 2019.

“Urban Mining: A New Epistemology for Social Justice”. Society for the Social Studies of Science (4S) Annual Meeting. Sydney, Australia. August 2018.

“Striking the Green Energy Bargain: Responsible Mining in Minnesota”. Science and Democracy Network. Cambridge MA. June 2017.

“STS Underground: Investigating the Technoscientific Worlds of Mining and Subterranean Extraction”. Co-organizer, with Abby Kinchy (RPI) of two sessions Society for the Social Studies of Science (4S) Annual Meeting. Denver, CO. November 2015.

“Modeling a citizen jury approach to climate adaptation planning”. Association of American Geographers (AAG) Annual Meeting. Chicago, IL. April 2015.

“Place, Space and Hope in the Interstitial City”. Society for the Social Studies of Science (4S) Annual Meeting. Buenos Aires, Argentina. August 2014.

“The Environmental Politics of Rare Earth Mining in North America”. IUCN Environmental Law Colloquium, Tarragona, Spain. July 2014

“Topophilia Revisited: The Place Politics of Wind Energy”. Society for the Social Studies of Science (4S) Annual Meeting. San Diego, CA. October 2013.

“Wind Energy, Citizen Science and the Risk Society”. Association of American Geographers (AAG) Annual Meeting. Los Angeles, CA. April 2013.

“Wind Energy and the Risk Society”. Chair and organizer of “Energy: Place, Politics and Justice” panel at the Society for the Social Studies of Science (4S) Annual Meeting. Cleveland, OH. November 2011.

“Defending Place in the Google Earth Age”. Chair and co-organizer of “STS and Place” panels at the Society for the Social Studies of Science (4S) Annual Meeting. Washington, DC. November 2009.

“Defending Place in the Google Earth Age”. Presentation at the Science and Democracy Network Annual Meeting, Harvard University. June 2009.

“Resisting Big Wind: Rural Challenges to the New Energy Economy”. Association of American Geographers (AAG) Annual Meeting. Las Vegas, March 2009.

“Visualizing Wind Energy: The Interplay of Community and Expert Knowledge Politics”. Co-organizer of the “Lay Science and the Environment I and II” paper and panel sessions, Association of American Geographers (AAG) Annual Meeting. Boston, April 2008.

“Water Works in India”. Organizer of “Ecologies of Hope” Paper Session. Presentation at the Society for the Social Studies of Science (4S) Annual Meeting. Montreal, Canada. October 2007.

“Visualization in Eco-Democracy”. Presentation at the Society for the Social Studies of Science (4S) Annual Meeting. Vancouver, Canada. November 2006.

“New Pedagogies in STS”. Science and Democracy Annual Meeting. Harvard University. June 2006. Session Organizer.

“Towards a Geography of Epistemology: Learning from the People’s Science Movements in India”. Presentation at the Association of American Geographers (AAG) Annual Meeting. Chicago. March 2006.

“Steel Forests and Smoke Stacks”. Presentation at the Society for the Social Studies of Science (4S) Annual Meeting. Pasadena, California. October 2005.

“Imagery and Aesthetics in the Cape Wind Controversy”. Presentation at the Science and Democracy Network Annual Meeting, Harvard University. June 2005.

“Countermapping Knowledge and Power: The Building of the Uchangi Dam”. Presentation at the Science and Democracy Network Annual Meeting, Harvard University. July 2004.

“The Sweet Solution to Drought”. Presentation at the Society for the Social Studies of Science (4S) Annual Meeting. Atlanta, Georgia. October 2003. Session Organizer.

"Designing the Ditch: Building Partnerships between Engineers, Farmers and Activists". Presentation at the Association of American Geographers (AAG) Annual Meeting. New Orleans. March 2003.

"Defining Equity at the River Basin Scale: Lessons from India". Presentation at the Natural Resources Law Center Conference, June 2002. Boulder, Colorado.

V. Awards and Grants

External

2024	Community Engaged Scholarship	Associated Colleges of the Midwest (\$6,000)
2022	Periclean Faculty Leadership in STEM and Social Sciences	Vining Davis/Lang Foundations (\$4,000)
2022	Shaping Future STS Research on Societal Science Issues (Co-PI)	NSF (\$54,559)
2021	Mississippi River Watershed: An Immersive Humanities Curriculum (Supporting Member, Institutional Grant)	Mellon Foundation (\$1,497,000)
2020	Research Grant: "Disposition: The Army Corps of Engineers and the Upper Mississippi River"	NSF (\$142,972)
2017	Climate Resiliency Workshop	City of Minneapolis (\$5,000)
2017	SAIL Travel Grant (Boundary Waters)	Associated Colleges Midwest (\$2,500)
2016	Workshop Grant: STS Underground	National Science Foundation (\$25,000)
2016	Climate Adaptation Award	Water Resources Center, UMN
2015	SAIL Travel Grant (Jordan)	Associated Colleges Midwest (\$2,500)
2015	Research Grant: "The Green Bargain"	National Science Foundation (\$155,000)
2015	"Worldwide Views on Climate and Energy" (with The Jefferson Center)	McKnight Foundation (\$10,000)
2014	Educating Sustainability Ambassadors: Research Innovation in Environmental Studies (Supporting Member, Institutional Grant)	Margaret A. Cargill Foundation (\$650,000)
2014	Research Grant: "Ready & Resilient"	GLISA/NOAA/Dept of Commerce (\$50,000)
2013	Research Collaboration: Futurescape City Tour	Arizona State University/NSF (\$5,000)
2013	Research Grant: "Making it Personal"	GLISA/NOAA/Dept of Commerce (\$49,000)

2010	Research Grant: “Deliberating the New Energy Economy”	National Science Foundation (\$251,000)
2007	Research Grant: “Enframing the Viewshed”	National Science Foundation (\$145,000)
2007	Three Rivers Center: Curricular and Research Innovation in Environmental Studies (Supporting Member, Institutional Grant)	Mellon Foundation (\$300,000)
2003	Postdoctoral Fellowship: “Negotiating New Development Hybrids”	National Science Foundation (\$84,000)
2002	Elizabeth B. Reed Dissertation Award	Phi Beta Kappa Association
2002	Dissertation Improvement Grant “Cultivating Government Accountability”	National Science Foundation (\$11,500)
2001	President’s Dissertation Fellowship	University of California
2000	South Asian Women Researchers Fellowship	International Water Mngt Institute
2000	Dissertation Fellowship	American Institute for India Studies
1999	Outstanding Teaching Award	Univ. of California, Santa Cruz
1998	Regents Fellowship	Univ. of California, Santa Cruz
1996	Foreign Language and Area Studies Fellowship	Cornell University
1994	Phi Beta Kappa and Magna Cum Laude	Wellesley College

Internal

2024	Collaborative Student Research with Rosie Bai ‘27 and Nelson Mondale ‘25	Macalester College (\$5,500)
2021	Wallace Grant	Macalester College (\$3,500)
2020	Trustee Award	Provost Office (\$5,000)
2020	First-year Course Co-teaching Grant	Mellon/CST (\$1,250)
2019	Course Development Grant	Mellon Grant (2,000)
2018	President’s Civic Engagement Award	Macalester/MN Campus Compact
2018	David Sielaff Summer Research - with Ariana Lutze-Jahiel ‘19	Macalester College (\$5,000)
2017	Faculty Collaborative Teaching Grant	Macalester College (\$2,000)

2016	Educator of the Year	College Student Government
2015	Mellon and ESA Summer Research Awards - with Jared Sousa '17 and Ivy Bardaglio '16	Macalester College (\$9,000)
2015	Course Development Grant	Macalester College (\$1,750)
2014	David Sielaff Summer Research - with Gabby Queenan '16 and Olivia Nelson '17	Macalester College (\$9,000)
2013	Jack and Marty Rossman Excellence in Teaching Award	Macalester College (\$1,000)
2013	Cargill and Keck Summer Research Awards - with Rowena Foo, Sophie Raynor, Akilah Sanders-Reed '17 and Samantha Burlager '16	Macalester College (\$6,000)
2011	Class of 1950 Summer Research Award - with Natalie Camplair '13	Macalester College (\$6,000)
2010	Mellon Course Development Grant	Macalester College (\$1,100)
2009	Keck Summer Research Award - with Matt Kzinka '11	Macalester College (\$3,900)
2009	Three Rivers Center Grant (with Professor Kelly MacGregor)	Mellon Foundation/ Macalester College (\$5,000)
2008	David Sielaff Summer Research Award - with Avery Bowron '10	Macalester College (\$3,800)
2008	Community Based Research Microfinance Project	Bonner Foundation/ Macalester College (\$1,000)
2007	David Sielaff Summer Research Award - with Anna Goldberg '08	Macalester College (\$5,700)
2006	David Sielaff Summer Research Award - with Erin Foster West '07	Macalester College (\$2,600)
2006	Presidential Initiative for Curricular Renewal	Macalester College (\$4,200)

VI. Service

Professional Service

Panelist, National Science Foundation (2024)

Sloan Foundation, Proposal Review Committee (2023-24)

Board Member, Native Sun/Solar Bear (2023-present)

Founding Board Member, Recycling Electronics for Climate Action (2023-present)

100th Anniversary Committee, Groveland Park Elementary School (2020-2023)

Trustee, [World Learning](#) (2020-present)

Trustee, [Northern Lights MN](#) (2018-2023)

Member, Committee of Visitors (External reviewer), Social, Behavioral and Economic Sciences (SBE) Directorate, National Science Foundation (2021)

Editorial Board, [Engaging STS](#) (open access journal) (2016-2020)

Consultant, Boston Museum of Science, [Co-Creating Public Engagement in Science Project](#) (2018-2022)

Elected Member of the [Governing Council for 4s](#) (Society for Social Studies of Science) (2017-2020)

Senior Panelist, [STS Program](#), National Science Foundation (2008-2011)

Board of Advisors, [Water Bar & Public Studio](#), Minneapolis (2016-2019)

Trustee, [Climate Generation](#) (2015-2018)

Judge, Environmental Initiative Awards Panel (2017)

Selection Committee, Environmental Justice Advisory Board, MN Pollution Control Agency (2017)

Board of Advisors, [International Honors Program](#) School for International Training (1995-present)

Redline Editorial, Content consultant for environmental children's book series

Referee for:

- The Annals of the Association of American Geographers
- Agriculture & Human Values
- Energy Policy
- Energy Research and Social Science
- Environment & Planning C
- Ethics, Place and Environment
- Geoforum
- Science, Technology & Human Values
- Social Studies of Science
- Society & Natural Resources
- MIT Press
- Routledge Press

Membership in Professional Societies

- Association of American Geographers
- Society for Social Studies of Science (4S), Served on the Governing Council
- Science and Democracy Network
- Association for Environmental Studies and Sciences

Recent Service on External Graduate Committees

Maddy Koot, PhD Geography, Clark University (in progress)

Monamie Bhadra Haines, Ph.D. Human and Social Dimensions of Science and Technology, Arizona State University, 2016

Macalester College Major Service

Associate Director Jan Serie Center for Scholarship and Teaching (2022-present)

Director Mellon Mississippi River Watershed Program (2022-2023)

Chair Environmental Studies Department Chair (2019-present)

Member Presidential Search Committee (2019)

Member Sustainability Director Search Committee (2019)

Member Title IX Committee

Member Social Responsibility Committee (2017-present)

Member Career and Vocation Working Group (2017-present)

Member Smail Gallery Curatorial Committee (2015-present)

Member IGC Global Citizenship Award Committee (2007-2018)

Co-Director International Roundtable – Urban Sustainability (2016)

Co-Director Educating Sustainability Ambassadors Program (2016)

Member College Harassment Committee (2014-2017)

Elected Member Faculty Personnel Committee (2012-2014)