# Roopali Phadke

| Curriculum Vitae                    | October 2018        |
|-------------------------------------|---------------------|
| Department of Environmental Studies | Macalester College  |
| phadke@macalester.edu               | Saint Paul MN 55105 |

## I. Education

| Post Doc | Science & Technology Studies | Kennedy School, Harvard University | 2003-05 |
|----------|------------------------------|------------------------------------|---------|
| PhD      | Environmental Studies        | Univ. of California, Santa Cruz    | 2003    |
| MA       | Asian Studies                | Cornell University                 | 1998    |
| BA       | Political Science            | Wellesley College                  | 1994    |

# II. Academic Employment

| 2018-2019      | Institute on the Environment, Univ. of Minnesota   | Visiting Scholar |
|----------------|--|------------------|
| 2005 – present | Environmental Studies, Macalester College Tenure track position. Teaching and research related to environmental politics and policy. | Professor        |

# III. Relevant Non-Academic Employment

| 1997-98   | Center for the Environment Cornell University Founded a week long annual campus environmental film festival. Responsible for fundraising, staff development, film programming and promotion | Film Festival Coordinator |
|-----------|---|---------------------------|
| 1997-98   | ASHA, Cornell University Chapter Responsible for fundraising and grant-making oversight for ten small-scale development projects in India in education, micro-lending and environmen        | <b>President</b>          |
| 1994-1996 | International Program, National Wildlife Federal Provided networking for the development, environment and human rights NGO communities in Washington  | ental                     |

#### IV. Published Work

(\*Denotes student author)

### Refereed Articles and Book Chapters

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

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

http://www.4sonline.org/blog/post/sts underground images from an emerging subfield1

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. Available at <a href="http://www.macalester.edu/windvisual/workshops/workshopsmain.html">http://www.macalester.edu/windvisual/workshops/workshopsmain.html</a>

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.

#### Media Work

I routinely provide TV and radio interviews on climate and energy issues. Recent interviews include <u>KARE11 TV News</u> (2017), <u>Minnesota Public Radio</u> News (2017), <u>Minnesota Public Radio Climate Cast</u> (2017), <u>Midmorning Roundtable</u> Minnesota Public Radio (2017), WCCO radio (2017), <u>Wellesley Underground</u> (2017), <u>Minnesota Public Radio</u> News (2015), <u>CBS Minnesota</u> (2013).

## Public Scholarship

Phadke, R. and C. Manning. "It's not just a buzzword: Why resilience matters to Minneapolis and St. Paul," *MinneapolisStar Tribune* Opinion Editorial. February 2018. <a href="http://m.startribune.com/it-s-not-just-a-buzzword-why-resilience-matters-to-minneapolis-and-st-paul/475338373/">http://m.startribune.com/it-s-not-just-a-buzzword-why-resilience-matters-to-minneapolis-and-st-paul/475338373/</a>

Phadke, R. "Why Red states should oppose Trump on climate," CNN News. June 2017. http://www.cnn.com/2017/06/07/opinions/paris-rural-wind-cost-opinion-phadke/

"Welcome to the Anthropocene". Exhibit catalog for Macalester College Library. December 2016.

"Ready & Resilient: An Extreme Weather Guide for Saint Paul Residents". June 2014. <a href="https://www.macalester.edu/readyandresilient/resources/ReadyandResilientPrimer.pdf">https://www.macalester.edu/readyandresilient/resources/ReadyandResilientPrimer.pdf</a>

Phadke, R., B. Besch, A. Buchanan and N. Camplair, "Western Massachusetts Wind Energy Landscape Symposium: Workshop Report". 2012. <a href="https://www.macalester.edu/windenergy">www.macalester.edu/windenergy</a>

Phadke, R., A. Buchanan, E. DeJong and N. Camplair, "Minnesota Wind Energy Landscape Symposium: Workshop Report". 2012. <a href="https://www.macalester.edu/windenergy">www.macalester.edu/windenergy</a>

Phadke, R., C. Manning, A. Buchanan, E. DeJong and N. Camplair, "Michigan Wind Energy Landscape Symposium: Workshop Report". 2011. <a href="https://www.macalester.edu/understandingwind">www.macalester.edu/understandingwind</a>

Manning, C., R. Phadke, N. Camplair, E. DeJong, and A. Buchanan, "Report of Results from a Community Survey". 2011. <a href="www.macalester.edu/understandingwind">www.macalester.edu/understandingwind</a>

Phadke, R. "600 Words for the Planet: Introduction to the Environmental Op-ed series". Published on April 2010.

https://www.macalester.edu/academics/environmentalstudies/students/projects/envi215opinioneditorials2010.pdfhttps://www.macalester.edu/academics/environmentalstudies/students/projects/envi215opinioneditorials2010.pdf

Phadke, R. "The Heat Is On," *Twin Cities Daily Planet*. October 2009. http://www.mn2020.org/issues-that-matter/economic-development/the-heat-is-on

Anderson, E. and R. Phadke. "Don't be fooled by nuclear power PR," *Minneapolis Star Tribune* Opinion Editorial. April 2009. <a href="http://www.startribune.com/ellen-anderson-and-roopali-phadke-don-t-be-fooled-by-nuclear-power-pr/43313187/">http://www.startribune.com/ellen-anderson-and-roopali-phadke-don-t-be-fooled-by-nuclear-power-pr/43313187/</a>

Phadke, R. "A humbling, surreal path to citizenship," *Minneapolis Star Tribune* Opinion Editorial. November 2009. <a href="www.startribune.com/roopali-phadke-a-humbling-surreal-path-to-the-honor-of-citizenship/34363389/">www.startribune.com/roopali-phadke-a-humbling-surreal-path-to-the-honor-of-citizenship/34363389/</a>

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*. Volume 2 (Summer): 109-115. 2008.

#### V. <u>Presentations</u>

#### **Invited Lectures and Seminars**

"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. 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. 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. October 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. Saint Paul, March 2017.

"The Promise of the Paris Accords," Unity Unitarian Church. Saint Pau, March 2017.

"Corporate Social Responsibility and the American West". Colorado School of Mines. November 2015.

"Environmental Leadership". Boreas Program. Institute of the Environment, Univ of Minnesota. October 2015.

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

"Individual Actions for Climate Adaptation," Building Minnesota's Capacity for Climate Adaptation Conference. Minneapolis, MN. November 2014.

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

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

"Public Engagement in Climate Adaptation Planning". Listening Session with Gina McCarthy, EPA Administrator. Saint Paul, MN. 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, Michigan, October 2011.

"Understanding Wind Energy Siting Resistance," Midwest Renewable Energy Policy Advocates. 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. August 2010.

"Visual Impacts, Public Perceptions and Landscape Concerns," Canadian Wind Energy Association's Wind Energy Forum. Toronto, Canada. April 2010.

"Public Attitudes toward New Energy Technologies". Invited presentation for the workshop on "Risks and Benefits of Emerging Energy Technologies" at 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. 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, Massachusetts Institute of Technology (MIT). May 2005.

"Some Water for All". Environmental Studies Program, Whitman College. 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

"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.

## VI. Awards and Grants

## External

| 2017 | Climate Resiliency Workshop   | City of Minneapolis (\$5,000)              |
|------|---|--|
| 2017 | SAIL Travel Grant (Boundary Waters)   | Associated Colleges Midwest (\$2,500)      |
| 2016 | Workshop Grant:<br>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:<br>Research Innovation in Environmental Studies<br>(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:<br>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<br>Research Innovation in Environmental Studies<br>(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 |   |  |
|          |   |  |
| 2018     | President's Civic Engagement Award  | Macalester/MN Campus Compact                       |
| 2018     | David Sielaff Summer Research<br>- with Ariana Lutze-Jahiel '19   | Macalester College (\$5,000)                       |
| 2017     | Faculty Collaborative Teaching Grant  | Macalester College (\$2,000)                       |
| 2017     | Wallace Scholarly Activities Grant (jointly with 4 other faculty for writing retreat)   | Macalester College (\$950)                         |
| 2016     | Educator of the Year  | College Student Government                         |
| 2015     | Mellon and ESA Summer Research Awards<br>- with Jared Sousa '17 and Ivy Bardaglio '16   | Macalester College (\$9,000)                       |
| 2015     | Faculty Course Development Grant  | Macalester College (\$1,750)                       |
| 2014     | David Sielaff Summer Research<br>- with Gabby Queenan '16 and Olivia Nelson '17   | Macalester College (\$9,000)                       |
| 2013     | Jack and Marty Rossman<br>Excellence in Teaching Award  | Macalester College (\$1,000)                       |
| 2013     | Cargill and Keck Summer Research Awards<br>- with Rowena Foo, Sophie Raynor,<br>Akilah Sanders-Reed '17 and Samantha Burlager ' | Macalester College (\$6,000)                       |
| 2011     | Class of 1950 Summer Research Award<br>- with Natalie Camplair '13  | Macalester College (\$6,000)                       |
| 2010     | Mellon Course Development Grant   | Macalester College (\$1,100)                       |
| 2009     | Keck Summer Research Award<br>- with Matt Kzinka '11  | Macalester College (\$3,900)                       |
| 2009     | Three Rivers Center Grant<br>(with Professor Kelly MacGregor)   | Mellon Foundation/<br>Macalester College (\$5,000) |
| 2008     | David Sielaff Summer Research Award<br>- with Avery Bowron '10  | Macalester College (\$3,800)                       |
| 2008     | Community Based Research<br>Microfinance Project  | Bonner Foundation/<br>Macalester College (\$1,000) |
| 2007     | David Sielaff Summer Research Award<br>- with Anna Goldberg '08   | Macalester College<br>(\$5,700)                    |

2006 David Sielaff Summer Research Award Macalester College

- with Erin Foster West '07 (\$2,600)

2006 Presidential Initiative for Curricular Renewal Macalester College (\$4,200)

#### VII. Service

#### Professional Service

Elected Member of the Governing Council for 4s (Society for Social Studies of Science) (2018-2021)

Editorial Board, Engaging STS (open access journal) (2016-present)

Board of Trustees, Northern Lights MN (2018-2021)

Board of Trustees, Climate Generation (2015-2018)

Board of Advisors, Water Bar & Public Studio, Minneapolis (2016-present)

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)

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

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
Environment & Planning C
Ethics, Place and Environment
Geoforum
International Journal of Sustainable Society
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)

Science and Democracy Network

Association for Environmental Studies and Sciences

### Macalester College Service

Member Social Responsibility Committee (2017-present)

Member Career and Vocation Working Group (2017-present)

Appointed Member Faculty Personnel Committee (Non tenure track review)

Member Entrepreneurship Program Faculty Advisory Committee

Member Smail Gallery Curatorial Committee (2015-present)

Member IGC Global Citizenship Award Committee (2007-present)

Member Watson Interview Committee (2016-present)

Member ES/Biology Faculty Candidate Search Committee (2017)

Co-Director International Roundtable – Urban Sustainability (2016)

Co-Director Educating Sustainability Ambassadors Program (2016)

Appointed Member College Harassment Committee (2014-2017)

Elected Member Faculty Personnel Committee (2012-2014)

Chair Environmental Studies (2013-2014)

Dean Alumni College – Theme: Creating Sustainable Futures (Summer 2010)

Member Clean Energy Revolving Fund (2009–2011)

Member Three Rivers Center Faculty and Staff (Spring 2007 – present)

Member Community Banking Advisory Committee (Spring 2007 – present)

Member Presidents Climate Commitment Committee