

Roopali Phadke

Curriculum Vitae June 2016

Department of Environmental Studies
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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

2005 – present	Environmental Studies, Macalester College Tenure track position. Teaching and research related to environmental politics and policy.	Professor
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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 environment.	President
1994-1996	International Program, National Wildlife Federation Provided networking for the development, environmental and human rights NGO communities in Washington, DC.	Organizer

IV. Published Work (*Denotes student author)

Refereed Articles and Book Chapters

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. "Behind the Walls: Manifestations of Place and Space at COP21," *Engaging Science, Technology, and Society* Vol. 1 (2015): 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 <http://www.macalester.edu/windvisual/workshops/workshopmain.html>

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

“Ready & Resilient: An Extreme Weather Guide for Saint Paul Residents”. Available at: www.macalester.edu/readyandresilient

Phadke, R., B. Besch, A. Buchanan and N. Camplair, “Western Massachusetts Wind Energy Landscape Symposium: Workshop Report”. 2012. Available at www.macalester.edu/windenergy

Phadke, R., A. Buchanan, E. DeJong and N. Camplair, “Minnesota Wind Energy Landscape Symposium: Workshop Report”. 2012. Available at www.macalester.edu/windenergy

Phadke, R., C. Manning, A. Buchanan, E. DeJong and N. Camplair, “Michigan Wind Energy Landscape Symposium: Workshop Report”. 2011. Available at www.macalester.edu/understandingwind

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

Phadke, R. “600 Words for the Planet: Introduction to the Environmental Op-ed series”. Published on April 27, 2010. Available at <http://www.mn2020.org>

Phadke, R. “The Heat Is On”, *Twin Cities Daily Planet*. October 13, 2009.

Anderson, E. and R. Phadke. “Don't be fooled by nuclear power PR,” *Minneapolis Star Tribune* Opinion Editorial. Page A11. April 21, 2009.

Phadke, R. “A humbling, surreal path to citizenship,” *Minneapolis Star Tribune* Opinion Editorial. Page A19. November 13, 2009.

Phadke, R. “Against the Wind: Social acceptance is one of the biggest obstacles to extracting energy from air,” *Minneapolis Star Tribune* Opinion Editorial. Page A13. August 2, 2008.

Phadke, R. “The Environment, Citizenship, and the Public Good”. *Macalester Civic Forum 2008*. Volume 2 (Summer): 109-115. 2008.

“Exposing Hurricane Katrina: The Scope of an Unnatural Disaster”. Macalester College “Water and Power” class project. November, 2005.

V. Presentations

Invited Lectures and Seminars

“Corporate Social Responsibility and the American West”. Invited presentation, 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”. Invited Presentation to the Building Minnesota’s Capacity for Climate Adaptation Conference. Minneapolis, MN. November 2014.

“Identifying Risks and Vulnerabilities”. Invited Presentation to the 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”. Invited Lecture, 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”. Invited 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”. Invited presentation for the 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”. Presentation for the Midwest Renewable Energy Policy Advocates. June 2011.

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

“Wind Power and Public Perceptions”. Invited presentation for the 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”. Invited presentation for the 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.

“Machetes in the Sky: How and Why Rural Communities are Resisting Wind Energy in America”. Macalester Conservations About Our Scholarly Lives Lecture. 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”. Invited presentation for Minnesota State College’s and Universities conference “Global Education in an Era of Fiscal, Environmental & Health Crisis”. 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

“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

2016	Workshop Grant: STS Underground	National Science Foundation (\$25,000)
2016	Climate Adaptation Award	Water Resources Center, UMN
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

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	Faculty 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,	Macalester College (\$6,000)

Akilah Sanders-Reed '17 and Samantha Burlager '16

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)

VII. Service

Professional Service

Board of Trustees, Climate Generation (2015-2018)

Board of Advisors, International Honors Program
(School for International Training/World Learning) (1996-present)

Editorial Board, *Engaging Science, Technology, and Society* (open access)

Senior Panelist National Science Foundation (2008-2011)

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
Oxford University Press

Content Consultant for environmental children's book series at Redline Editorial

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

Co-Director International Roundtable – Urban Sustainability (2016)
Co-Director Educating Sustainability Ambassadors Program (2016)
Member Smail Gallery Curatorial Committee (2015-present)
Member College Harassment Committee (2014-2017)
Member IGC Global Citizenship Award Committee (2007-present)
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)
Curator “Mississippi River Towns” Smail Gallery Art Exhibit, Olin-Rice Hall (2008-2009)
Advisor Alumni Office – Greening Reunion (2007)
Member Global Citizenship Student Award Committee (Fall 2007 – present)
Member Three Rivers Center Faculty and Staff (Spring 2007 – present)
Member Community Banking Advisory Committee (Spring 2007 – present)
Organizer Ford Foundation Difficult Dialogues – Environmental Lecture (Fall 2008)
Member Presidents Climate Commitment Committee (Summer 2007)
Member Environmental Studies Candidate Search Committees (Fall 2006 – Spring 2008)
Member Environmental Studies External Review Committee (Fall 2006-Spring 2007)
Advisor Lilly Project in Vocation and Ethical Leadership (Summer 06, Summer 07)
Advisor Macalester Conservation and Renewable Energy Society – Student Organization
Advisor Macalester Development Group – Student Organization