

Roopali Phadke

Curriculum Vitae June 2011

Department of Environmental Studies
Macalester College
1600 Grand Avenue
Saint Paul MN 55105

Email: phadke@macalester.edu
Office phone: 651 696 6802
Office fax: 651-696-6443

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

Full-time

2005 – present **Environmental Studies, Macalester College** **Associate Professor**
Tenured professor. Teaching and research related to environmental politics and policy.

Part-time

2002-2003 **Environmental Governance Project, UC Santa Cruz** **Researcher**
Water sector research for NSF funded project.

2003 **Environmental Studies, UC Santa Cruz** **Teaching Fellow**
Instructed a new course - "Filming the Environment"

III. Relevant Non-Academic Employment

1997-98 **Center for the Environment** **Film Festival Coordinator**
Cornell University
Founded a week long annual campus environmental film festival. Responsible for fundraising, staff development, film programming and promotion.

1997-98 **ASHA, Cornell University Chapter** **President**
Responsible for fundraising and grant-making oversight for ten small-scale development projects in India in education, micro-lending and environment.

1994-1996 **International Program, National Wildlife Federation** **Organizer**
Provided networking for the development, environmental and human rights NGO communities in Washington, DC.

IV. Published Work

Refereed Articles and Book Chapters

Phadke, R. "Resisting and Reconciling Big Wind: Middle Landscape Politics in the New American West", *Antipode*. Vol 43:3. 2011.

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. 2011. (In press)

Phadke, R. "Defending Place in the Google Earth Age". *Ethics, Place and Environment*. Volume 13(3). 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. 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.

Public Scholarship

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. Scholarly Work Under Submission

Phadke, R. “Citizen Science, Renewable Energy and the Risk Society”. Submitted to *Social Studies of Science*.

Phadke, R. “Water Works in India,” in R. Rajan and C. Duncan (eds). *Ecologies of Hope*. Santa Fe: School for American Research.

VI. Scholarly Work in Progress

Phadke, R. *Visual Democracy: Deliberative Environmental Politics in the Wind Energy Age*. Book Manuscript in preparation for MIT Press series *Politics, Science, and the Environment*.

VII. Presentations

Invited Lectures and Seminars

“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.

Conference Presentations

“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.

VIII. Awards and Grants

External

2010	Research Grant: “Landscapes of Power”	National Science Foundation (\$251,245)
2007	Research Grant: “Enframing the Viewshed”	National Science Foundation (\$145,046)
2007	Three Rivers Center: Curricular and Research Innovation in Environmental Studies (Supporting member)	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 (\$11,550)
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

2011	Class of 1950 Summer Research Award - with Natalie Camplair	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 (\$5,730)
2006	David Sielaff Summer Research Award - with Erin Foster West ‘07	Macalester College (\$2,610)

IX. Service

Professional Service

Senior Panelist National Science Foundation (2008-2011)

International Honors Program (School for International Training/World Learning) (1996-present)

Referee for:

Annals of the Association of American Geographers

Agriculture & Human Values

Environment & Planning C

Ethics, Place and Environment

International Journal of Sustainable Society

Science, Technology & Human Values

Social Studies of Science

Society & Natural Resources

MIT Press

Routledge Press

Oxford University 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