

Margaret Wilder is an assistant professor in Latin American Studies and Geography and Regional Development at the University of Arizona (Tucson, Arizona, USA). Her research expertise focuses on water governance in Mexico and Latin America, water and development, and the political ecology of water in Mexico. She has researched and published on water and smallholder irrigated agriculture, water and equity, decentralization of water management, and U.S.-Mexico border region transboundary water and climate sustainability. She is currently writing a book on water and development in northwest Mexico.

Margaret Wilder holds a B.A. in Government and International Affairs (University of Notre Dame), A.M. in Public Policy Studies (University of Chicago), and Ph.D. in Geography (University of Arizona) degrees. She is a co-principal investigator on the Climate Assessment of the Southwest (CLIMAS) Project, funded by the U.S. National Oceanic and Atmospheric Administration (NOAA), among several other funded research projects. She has published articles in peer-reviewed journals including *World Development*, *Natural Resources Journal*, *VertigO*, *Estudios Sociales*, *Journal of Climate Research*, and *Climatic Change*, and has chapters in several edited volumes on transitions in water governance in Mexico and internationally. She has also been an urban planner, a mayoral aide, and an associate dean of the College of Social and Behavioral Sciences at the University of Arizona. She was recently elected the chairperson of the Latin America Specialty Group of the Association of American Geographers and serves on the board of the Conference of Latin Americanist Geographers. She is a member of the Arizona-Mexico Commission's water committee. She may be contacted at: mwilder@email.arizona.edu.

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Education

- Ph.D., University of Arizona, 2002
Dissertation title: "In Name Only: Water Policy, the State, and Ejidatario Producers in Northern Mexico;" Major discipline: Geography; minor: Latin American Studies. Advisor: Diana M. Liverman.
- M.A., University of Chicago, 1985; Public Policy Studies (with Honors). Advisor: Gordon L. Clark.
- B.A., University of Notre Dame, 1981; Government and International Studies (*Phi Beta Kappa, magna cum laude*, Latin American Studies certification)
- Augsburg College, January-May 1979, Program in Global Community, Cuernavaca, Morelos, Mexico

Employment

Assistant Professor, Latin American Studies, University of Arizona, July, 2004-present. Also Adjunct Assistant Professor, Geography and Regional Development.

Assistant Research Social Scientist, Latin American Studies, University of Arizona. Also Adjunct Assistant Research Social Scientist, Geography and Regional Development, University of Arizona. August 2002-June 2004.

Assistant/Associate Dean, College of Social and Behavioral Sciences (SBS), University of Arizona. August 1991- June 2002. Promotion from Assistant Dean to Associate Dean was July 1995.

Aide to the Mayor, City of Tucson, Tucson, Arizona 1989-1991

Planner/Senior Planner, City of Tucson, Tucson, Arizona 1985-1989

Publications

Margaret Wilder, (forthcoming). "Promises Under Construction: The Evolving Paradigm for Water Governance and the Case of Northern Mexico," Henry Diaz, Robert Sandford, Helen M. Ingram, eds., Water and Sustainability volume.

Margaret Wilder, forthcoming. "Political and Economic Apertures and the Shifting State-Citizen Relationship: Reforming Mexico's National Water Policy," forthcoming in Dave Huitema and Sander Meijerink, eds., International Water Transitions volume, under advance contract with Edward Elgar Press.

Margaret Wilder (in press). "Equity and Water in Mexico's Changing Institutional Landscape," in Richard Perry, Helen Ingram, and John Whiteley, eds., *Water and Equity: Apportioning Water Among Places and Values*, an edited book volume under advance contract with Massachusetts Institute of Technology (MIT) Press Series on American and Comparative Environmental Politics and Policy (forthcoming 2008).

Ray, A.J.; G. M. Garfin; M. Wilder; M. Vásquez-León; Melanie Lenart; A. C. Comrie, 2007. "Applications of Monsoon Research: Opportunities to Inform Decision Making and Reduce Regional Vulnerability," *Journal of Climate*, May 2007, (20) 9: 1608-1627

Pineda Pablos, N., A. Browning-Aiken and M. Wilder, 2007. "Equilibrio de bajo nivel y manejo urbano del agua en Cananea, Sonora," *Frontera Norte*, Vol. 19, No. 37 (enero-junio).

Browning-Aiken, Anne, Barbara Morehouse, Allison Davis, Margaret Wilder, Robert Varady, David Goodrich, Rebecca Carter, Denise Moreno, and Emily Dellinger McGovern, 2007. "Climate, Water Management and Policy in the San Pedro Basin: Results of a Survey of Mexican Stakeholders near the U.S.-Mexico Border." *Climatic Change* 85:323-341.

Margaret Wilder and Patricia Romero Lankao, 2006. "Paradoxes of Decentralization: Neoliberal Reforms and Water Institutions in Mexico." *World Development*, Vol. 34, No. 11 (November).

Margaret Wilder and Scott Whiteford, 2006. "Flowing Uphill Toward Money: Groundwater Management and Ejidal Producers in Mexico's Free Trade Environment," in Laura Randall, ed., *Changing Structure of Mexico: Political, Social and Economic Prospects*, New York: M.E. Sharpe, pp. 341-358.

Margaret Wilder and Scott Whiteford, "Corriendo hacia el dinero. El manejo del agua subterránea y los productores ejidatarios en el ambiente de libre comercio de México", en Laura Randall (ed.), *Reinventar México: estructuras en proceso de cambio. Perspectiva política, social y económica*, México, Siglo XXI, 2006, pp. 345-364.

Margaret Wilder. 2005. "Water, Power and Social Transformation: Neoliberal Reforms in Mexico," *VertigO: La revue en sciences de l'environnement*. Volume 6, No. 2, pp. 1-5, September 2005. Montreal: Université de Québec de Montreal.

Margaret Wilder, 2000. "Border Farmers, Water Contamination, and the NAAEC Environmental Side Accord to NAFTA," *Natural Resources Journal*, Fall 2000, pp.873-894.

Margaret Wilder, 2000. "The 'New Culture' of Water and the Communal Farmers of the Yaqui Valley, Sonora," *Estudios Sociales*, Vol. X, No. 19 (January-June 2000), pp. 63-97. Published in Mexico's list of scholarly refereed journals.

Under Submission/In Progress

Margaret Wilder (in development). *Crafting a 'New Culture' of Water: Power, Equity, and Neoliberal Development in Northern Mexico*. Book manuscript under advance contract to University of Arizona Press.

Margaret Wilder. "Hidden Practices of Privatization: A Political Ecology of Changing Access to Land and Water in Mexico's Ejido Sector."

Margaret Wilder, Robert G. Varady, Gregg M. Garfin, Nicolás Pineda Pablos, Anne Browning-Aiken, and Rolando E. Díaz Caravantes. "Urban Water Management, Climate Science and Adaptive Capacity in Northern Mexico," for submission to *Global Environmental Change*.

Margaret Wilder, Andrea Ray, et al.. "Social and Economic Vulnerability to Climate Change in the U.S.-Mexico Borderlands," for submission to *Journal of Climate Research*.

Scholarly Presentations

Invited Presentations

“Promises Under Construction: The Evolving Water Governance Paradigm and the Case of Northern Mexico,” invited participant at the Rosenberg International Forum for Water Policy, Zaragoza, Spain, June 23-28, 2008.

“Political and Economic Apertures: The Shifting State-Society Relationship and National Water Policy Transition in Mexico,” invited paper for International Water Transitions workshop, University of Amsterdam, Amsterdam, The Netherlands, July 3 and 4, 2008.

"New Geographies of Environmental Governance: Communities, Conservation and Climate Change in the Colorado Delta and Border Region," Spaces and Society Lecture Series, Department of Political Science, University of Redlands, Redlands, California, May 15, 2008.

"How Does the Public Fit In? Climate Change, Adaptation and Social Stakeholders in the Southwest US and Northwest Mexico." Guest lecture. Department of Political Science, University of Redlands, Redlands, California, May 16, 2008.

“Water Governance in Mexico,” presented to International Water History Association (IWHA) Board, Tucson, Arizona, March 19, 2008.

“Transboundary Water: Problems and Challenges,” presented to Mexican Migration Scholarship Meeting, Consortium of North American Higher Education (CONAHEC), University of Arizona, April 9, 2008.

“Communities, Conservation, and Climate Change: New Geographies of Environmental Governance in the Binational Colorado Delta Region,” Department of Geography and Regional Development Colloquium, University of Arizona, February 15, 2008.

“Climate Change in Regional Context: Challenges and Opportunities,” Keynote Plenary Address, NOAA North American Monsoon Event (NAME) meeting, Playa Cortes Hotel, Guaymas, Sonora, Mexico, May 8, 2006 (presented in Spanish).

“Human Dimensions of Sustainability, Panel Speaker, Borders, Boundaries and Time Scales: Sixth Conference on Research and Resources in the Southwestern Deserts, Sheraton Tucson Hotel, Tucson, Arizona, May 2, 2006.

“Water Issues in the Arizona-Sonora Border Region,” Keynote Plenary Panel Speaker, Urban Affairs Association Annual Meeting, Salt Lake City, Utah, April 15, 2005.

“Assessing Public Values Towards Wetlands Conservation in a Binational Context: The Lower Colorado River and Delta,” presented at “The Challenges of a Transboundary World” Conference, University of California-Irvine, October 30, 2004.

“Water, Power, and Social Transformation: Neoliberal Reforms in Mexico,” Water in the Americas Conference, Laval University, Québec, October 15, 2004.

Hewlett-Packard Mexican History Symposium, Oaxaca City, Oaxaca, July 15, 2004

Gannett Pacific Group Border Collaborative Editors and Reporters Conference, Tucson, Arizona, January 8, 2004

Presentations of Papers at Conferences

“Communities, Conservation and Climate Change: New Geographies of Climate Change Governance in the Binational Colorado Delta Region,” paper to be presented at International Human Dimensions of Global Change (IHDP) Open Meeting, New Delhi, October 16-19, 2008 (juried selection of papers).

“New Geographies of Environmental Governance: Communities, Conservation and Climate Change in the Binational Colorado Delta Region,” Association of the American Geographers Annual Meeting, Boston, Massachusetts, April 17, 2008.

“The Environment for Water: 21st-Century Transitions in Mexican Water Policy and Implications for Sonora,” Rocky Mountain Council on Latin American Studies (RMCLAS) 2008 Meeting, Flagstaff, Arizona, April 11, 2008.

“New Water Management Institutions in Mexico’s ‘New Culture of Water’: Emerging Opportunities and Challenges for Effective Use of Climate Knowledge and Climate Science,” Margaret Wilder, with Robert G. Varady, Nicolas Pineda, Anne Browning-Aiken, Rolando Diaz Caravantes, and Gregg M. Garfin. Joint Assembly of the American Geophysical Union/Mexican Geophysical Union (AGU/MGU), Acapulco, Guerrero, Mexico, May 22, 2007.

“Water and the State: Transforming the Governance Paradigm in Mexico,” Latin American Studies Association meeting, San Juan Puerto Rico, March 17, 2006.

“Collective Action in a Global World: Local Cooperative Processes,” Latin American Studies Association meeting, San Juan Puerto Rico, March 18, 2006 (discussant).

“Water and Local Communities: Emerging Management Perspectives in Mexico and Honduras,” Conference of Latin Americanist Geographers (CLAG), 2005 Annual Meeting, Morelia, Michoacan, Mexico, October 27, 2005.

“Water, Governance and the State: Narratives and Denouements of Decentralization in Mexico,” Association of American Geographers annual meeting, Denver, Colorado, April 9, 2005.

“Binational Communities and Cooperation: Assessing Public Values Toward the Lower Colorado River and Delta,” International Transboundary Waters Conference, Tucson, Arizona, November 17, 2004.

“Disjuncture Between Policies and Practices in the Mexican Water Sector: Case Studies from Sonora, Mexico,” Margaret Wilder, with Anne Browning-Aiken, and Rebecca Carter. Latin American Studies Association Meeting, October 7, 2004.

“Transformation of the Mexican Water Sector: Decentralization and Evolving Water Institutions,” Conference of Latin Americanist Geographers (CLAG), 2004 Annual Meeting, May 19-21, 2004, Antigua, Guatemala.

“Neoliberal Water Reforms and Small-Scale Producers in Northern Mexico: Challenges and Opportunities,” International Human Dimensions of Global Climate Change Open Meeting, October 18, 2003, Montreal.

“Transforming Water and Agriculture: Mexican Restructuring and Impacts on Small Farmers,” presented at Association of American Geographers annual meeting, New Orleans, March 23, 2003.

“Neoliberalism and Rural Mexico,” (panel participant), presented at Association of American Geographers annual meeting, New Orleans, March 23, 2003.

“Water Policy Restructuring and State Transformation in Mexico: Impacts on Sonora’s Ejidatario Producers,” Conference of Latin Americanist Geographers (CLAG) 2003 Annual Meeting, January 4-8, 2003, Tucson.

“Irrigation and Modernization in Mexico: The Case of Caborca, Sonora,” presented at Association of American Geographers annual meeting, Los Angeles, California, March 22, 2002.

“The Challenges of Water Management in the New Water Culture: Cases from Sonora,” Invited Symposium on Environment and River Basins of Mexico, National Commission on Water, Guadalajara, Jalisco on November 9, 2001. Presented in Spanish.

“Neoliberal Transformation of Mexican Water Policy: The Case of Caborca,” Invited Conference Paper for “Sonora in the Twenty-First Century,” sponsored by the University of Sonora and El Colegio de Sonora, Hermosillo, Sonora, May 7-9, 2001. Presented in Spanish.

“El Agua de Riego y los Ejidatarios de Sonora,” colloquium presentation at El Colegio de Sonora, Hermosillo, Sonora, June 6, 2000. Presented in Spanish.

“Irrigation Water and Small Farmers in Sonora: Local Impacts of National Economic Restructuring,” Association of American Geographers Annual Meeting, March 23-27, 1999, Honolulu, Hawaii.

“Water Contamination, Social Movements, and Small Producers: The Case of Rio Magdalena in Northern Mexico,” Latin American Studies Association International Congress, Chicago, Illinois, September 24-26, 1998.

“The Transformation of Agriculture in Northern Mexico: Land Use Change in Alamos, Sonora,” Association of American Geographers Annual Meeting, April 1-5, 1997, Fort Worth, Texas.

Grants and Awards (selected)

Deputy Co-Principal Investigator, National Oceanic and Atmospheric Administration (NOAA)—Sectoral Applications Research Program (SARP). “Moving Forward: Adaptation and Resilience to Climate Change, Drought, and Water Demand in the Urbanizing Southwest and Northern Mexico.” Robert G. Varady, PI, Margaret Wilder, Deputy PI, Christopher Scott, Co-PI; Investigators: Anne Browning-Aiken, Barbara Morehouse, George Frisvold, Gregg Garfin; David Gochis, UCAR; Martin Montero, IMTA; Nicolas Pineda Pablos, COLSON; Patricia Romero Lankao, NCAR; Christopher Watts, UNISON. Total Award for 2008-2010: \$287,000.

Co- Principal Investigator, National Oceanic and Atmospheric Administration (NOAA), 2002-2007, Jonathan Overpeck, Institute for the Study of Planet Earth, Principal Investigator, “Variability, Social Vulnerability, and Public Policy in the Southwestern United States” (Climate Assessment of the Southwest, CLIMAS), University of Arizona, Tucson, Arizona; Total award amount: \$5,910,447.

Co-Principal Investigator, National Oceanic and Atmospheric Association (NOAA) Office of Global Programs (OGP), 2003-2006, Robert G. Varady, Principal Investigator. “Use of Climate-Information Products by Water Managers and Other Stakeholders in Two GCIP/GAPP Watersheds in Arizona/Sonora and Oklahoma.” Total award: \$236,000.

Inter-American Foundation, International Doctoral Fieldwork Fellowship, Washington, D.C., October 1999-September 2000.

Water Resources and Climate Assessment for the U.S.-Mexico Border and Northern Mexico, member of team chaired by Dr. Diana Liverman, University of Arizona. Funded by National Science Foundation’s Science and Technology Center Sustainability of Semi-Arid Hydrology and Riparian Areas (SAHRA) program at the University of Arizona.

Professional Associations

Association of American Geographers (AAG); Chair, Latin America Specialty Group (LASG), 2008-2010
and Vice Chair, AAG Latin America Specialty Group (LASG), 2006-2008

Latin American Studies Association (LASA)

Conference of Latin Americanist Geographers (CLAG)—elected Board of Directors, May 2005

American Geophysical Union (2006-2007)

Arizona-Mexico Commission, Water Committee

Association of Women Faculty, University of Arizona

Languages

Fluency in Spanish (read/write/speak)