

**SUSANNA EDEN, Ph.D.**  
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## **EXPERIENCE**

### **Water Resources Research Center, University of Arizona**

#### Coordinator, Applied Research (2005-present)

Coordinate, manage and conduct applied research projects with relevance to water resource policy and management. Areas of current research interest include groundwater recharge, river restoration, and multi-disciplinary science for decision support. Collaborate with WRRC faculty/staff, University of Arizona personnel, and others on research and outreach projects. Interact with stakeholders, state and federal agency personnel, and others to achieve project goals. Prepare and present papers, reports and presentations, including a panel presentation at the 4<sup>th</sup> World Water Forum in Mexico City. Assist with planning and conducting the annual water conference. Represent the WRRC at meetings. Supervise student research assistants.

Twenty percent time appointment to the **NSF Center for Sustainability of semi-Arid Hydrology and Riparian Areas (SAHRA)** to assist with coordination of the stakeholder engagement program. Current major project is to evaluate SAHRA decision support activities in order to draw lessons learned for a legacy publication.

### **Universities Corporation for Atmospheric Research** assigned to the **Global Water Cycle Program** a science element of the **US Global Change Research Program / Climate Change Science Program** Program Specialist III (2002 to 2005)

Provided high-level coordination for an interdisciplinary, interagency science program. Functioned as the Secretariat for the GWCP Interagency Working Group and the Science Steering Group, including meeting support, product coordination, and program outreach services (articles, web site development, presentations, etc.). Advised the committee co-chairs on strategies for achieving program goals. Represented the Program at planning committee meetings, workshops, and symposia of national and international water and climate science programs, and contributed to their reports (e.g., the International Global Observing Strategy Partnership, Water Cycle Theme Report). Developed workshops and other meetings, including a session and ancillary meetings at the 3<sup>rd</sup> World Water Forum in Japan. Acted as U.S. regional coordinator for the U.N. Hydrology for Environment, Life, and Policy (HELP) program.

### **Arizona Department of Water Resources, Tucson Active Management Area**

#### Regional Recharge Plan Program Manager (1996 to 1997)

Managed a state-sponsored program to produce a region-wide groundwater recharge plan. Developed and implemented a recharge needs assessment. Worked with the planning committee of stakeholders to build consensus. Coordinated meetings; identified, evaluated, synthesized and communicated relevant data; developed decision tools; and drafted the final plan.

### **Water Resources Research Center, University of Minnesota**

#### Writer/Associate Editor (1994 to 1996)

Designed and developed a monograph on Minnesota's rivers. Wrote/edited quarterly issues of the *Minnegram* newsletter and other publications for the Center and associated Water Resources Science Graduate Program.

### **Water Resources Research Center, University of Arizona**

Research Specialist (1988 to 1990); Senior Research Specialist (1991 to 1993)

Administered Arizona's federally sponsored Water Resources Research Grant Program. Organized the 5<sup>th</sup> and 6<sup>th</sup> biennial symposia on groundwater recharge in Arizona and coordinated preparation of proceedings. Designed and carried out research on water resource management and policy subjects. Coordinated and contributed to grant proposal preparation. Worked with the External Advisory Committee to establish a research agenda. Coordinated a graduate student seminar and supervised graduate student research assistants. Represented the Center on committees on campus and in the professional community.

### **EDUCATION**

University of Arizona, Department of Hydrology and Water Resources  
Ph.D. (1999), M.S. (1988)

University of New Mexico, School of Architecture and Urban Planning  
M.Arch. (1979)

University of Texas at Austin, College of Arts and Sciences  
B.A. (1970)

### **RECENT PUBLICATIONS AND PAPERS**

- Eden, Susanna and Sharon B. Megdal, "Water and Growth," Chapter 4 in *Arizona's Rapid Growth and Development: Natural Resources and Infrastructure*, 88th Arizona Town Hall, Phoenix, 2006.
- Varady, Robert G., Margaret Wilder, Susanna Eden, Anne Browning-Aiken, Kathy Jacobs and Juan Valdes, "'Mega-networking' at the Fourth World Water Forum in Mexico City: Looking for opportunities at a megaconference," Guest View, *Arizona Water Resource*, Vol. 14, No. 5, May-June 2006.
- Eden, Susanna, "AZ has much to offer, learn by taking part in global water affairs," Guest View, *Arizona Water Resource*, Vol. 14, No. 3, Jan-Feb 2006.
- Gerlach, Andrea, Susanna Eden, Sharon B. Megdal, Kelly Mott Lacroix and Andrew Schwartz, "Lessons Learned from River Restoration in the Arid Southwest," *Environment*, submitted.
- Ferris, Justin, Sharon B. Megdal and Susanna Eden, "An Introduction to the Central Arizona Groundwater Replenishment District," Water Resources Research Center, Electronic Publication Series No. 1, <http://www.ag.arizona.edu/AZWATER/presentations/eseries/e-series-p&p.html>, The University of Arizona, Tucson, 2005.
- Megdal, Sharon B. and Susanna Eden, "U.S. Army Corps of Engineers Leads Riparian Systems Restoration in the Southwest: the Arizona example," *CREO Environmental Newsletter*, 2005-IV, U.S. Army Environmental Center, 2005.
- Lawford, Richard G. and Susanna Eden, "A Guide to International Hydrologic Science Programs," in *Encyclopedia of Hydrological Sciences*, John Wiley & Sons Ltd., U.K., 2005.
- Eden, Susanna, "The Second International Symposium on Transboundary Water Management, Tucson, Arizona, USA, November 16-19, 2004," Conference Report, *Water International*, Vol. 30, No. 1, p. 124, 2005.
- Eden, Susanna and Richard G. Lawford, "Using Science to Address a Growing Worldwide Water Dilemma for the 21st Century," Chapter 2 in *Water: Science, Policy and Management*, Water Resources Monograph 16, R. Lawford, D. Fort, H. Hartmann, and S. Eden, Eds., American Geophysical Union, Washington, D.C., 2003.
- Lawford, Richard G., Denise Fort, Holly Hartman, and Susanna Eden (Eds.), *Water: Science, Policy, and Management; Challenges and Opportunities*, Water Resources Monograph 16, American Geophysical Union, Washington, D.C., 2003.
- Eden, Susanna, *Deciding to Recharge*, Technical Report HWR 99-050, Department of Hydrology and Water Resources, The University of Arizona, Tucson, 2000.