

CURRICULUM VITAE
Deborah Miller Shriver
Deborah Shriver Consulting
Water Resource Planning & Protection

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Education

M.S. in Wildlife and Fisheries Conservation (WFCON), Department of Natural Resources Conservation, University of Massachusetts, Amherst, MA, 2005.
Concentration: Watershed Science and Management
Thesis: *Multi-Attribute Watershed Classification and Prioritization for Restoration*
Advisor: Timothy Randhir, Ph.D.

M.C.R.P. (Master of City and Regional Planning), College of Architecture, Planning and Design, Illinois Institute of Technology, Chicago, IL, 1984.
Concentrations: Ecological Basis of Planning, Regional Planning, Community Planning
Thesis: *Promoting the Health of the Landscape*
Advisor: Peter P. Beltemacchi, M.C.R.P.

M.A. in Education, Waldorf Institute for Liberal Education, Adelphi University, Garden City, NY, 1974.

B.A. in Psychology, Washington Square College, New York University, New York, NY, 1971.

Professional Experience

Deborah Shriver Consulting, 2005 – Present, South Deerfield, MA.
Provide water resource assessment and planning services. Long-term associations with the Department of Natural Resources Conservation at the University of Massachusetts Amherst and the Massachusetts Watershed Coalition, Inc. Experience with watershed assessment, restoration, planning and policy using GIS and simulation modeling. Worked with Massachusetts communities, nonprofits and agencies on measures to protect drinking water supplies and instate sustainable development practices, including bylaws for low impact development (LID) and conservation design.

Department of Natural Resources Conservation, University of Massachusetts, 2002–2004, Amherst, MA.
Graduate Teaching Assistant. Assisted Professor Timothy Randhir in WFCON 597W, Water Resources Management, WFCON 597R, Watershed Science and Management and WFCON 697R Advanced Watershed Science and Management.

Connecticut River Watershed Council, 2001-2002, Greenfield, MA.
Prepared program of public outreach on combined sewer overflows.
Developed directory of heritage, cultural and recreation resources in the watershed.
Served as Biodiversity Days Coordinator.

Planning Resources, 1983-1988, Wheaton, IL.
Community Planner for consulting firm. Worked on town comprehensive plans,

zoning ordinance revisions and historic preservation.

Department of City and Regional Planning, Illinois Institute of Technology, 1981-1983,
Chicago, IL.
Graduate Teaching Assistant. Full teaching responsibilities for undergraduate courses in
the Ecological Basis of Planning and Landscape Planning.

Kimberton Waldorf School, 1979-1980, Kimberton, PA.
Head of Elementary School, 1979-1980; Class Teacher, 1973-1979.

Publications (Refereed)

Randhir, Timothy and Deborah Shriver. 2009. *Multiattribute optimization of restoration options: Designing incentives for watershed management*, Water Resources Research, 45, W03405, doi:10.1029/2008WR007169.

Shriver, Deborah and Timothy Randhir. 2006. *Integrating stakeholder values with multiple attributes to quantify watershed performance*. Water Resources Research, Vol. 42, W08435, doi: 10.1029/2005WR004413.

Randhir, Timothy and Deborah Shriver. 2009. *Deliberative valuation without prices : A multi-attribute method to evaluate watershed ecosystems. (Accepted for Ecological Economics)*.

Conference Presentations

Watershed Restoration. Presented at the Annual Conference on Watershed Conservation 2004, Water Resources, Ecosystems and People, University of Massachusetts, Amherst, September 17, 2004.

Watershed Classification and Prioritization for Habitat Restoration. Presented at AWRA 2003 International Congress, Water Management for Water Supply Systems, New York, NY, June 29-July 2, 2003.

Total Maximum Daily Loads – TMDL's Background Information. Presented at Annual Conference on Watershed Conservation, Water Supply, Natural Systems and Policy, University of Massachusetts, Amherst, MA, September, 2002.

Award

Paula Milner Scholarship for outstanding achievement in the Department of Natural Resources Conservation, University of Massachusetts Amherst, 2004.

Professional Membership

American Water Resources Association