

Suzanne Savanick

Science Education Resource Center
Carleton College
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EDUCATION

University of Minnesota, Minneapolis, MN

Doctor of Philosophy, April, 2004

Program: Conservation Biology

Dissertation: The Campus as an Ecosystem: urban ecology and campus ecology

School of the Environment, Duke University, Durham, NC

Master of Environmental Management, December 1994

Concentration: Resource economics and policy

Master's project: Sustainable Energy Strategies in the Czech Republic: analysis of energy efficiency and renewable energy

Carleton College, Northfield, MN

Bachelor of Arts, May 1989

Major: Geology. *Concentration:* Natural history.

Senior thesis: The Relationship between Tree Vegetation and Bedrock Chemistry in Quetico Provincial Park, Canada.

Study abroad: School for International Studies, Nepal, Fall 1988.

Field biology program: Wilderness Field Station, Ely, MN, Summer 1988

PROFESSIONAL EXPERIENCE

Science Education Resource Center, Carleton College, MN

Educational Fellow. Developed the Campus-Based Learning and Service-Learning Modules for the SERC website. Editing the Assessing Student Learning and Visualization Cutting Edge workshop websites. Organized a joint Carleton and St. Olaf College faculty development seminar on sustainability. June 2005-present.

University of Minnesota, Minneapolis, MN

Sustainable Campus Initiative Committee Coordinator. Coordinated the Sarita wetland restoration on the St. Paul Campus and developing an environmental assessment of the Twin Cities campus. Responsibilities included recruiting faculty and students for campus environmental research and activities, grant writing, budget oversight, and advising students. September 2000-November 2003.

Dakota County Soil and Water Conservation District, Farmington, MN

District Supervisor. Elected official. Supervises policy direction, budget and activities of the District. Chair of the finance and urban committees; member of personnel committee. January 1999- December 2004.

Office of Environmental Assistance, State of Minnesota, St. Paul, MN

Green Building Co-coordinator. Co-coordinated the establishment of the green building team and organized a Greening the Campus workshop for higher education. Spring 1998-Fall 2000.

Braun Intertec, Mendota Heights, MN

Environmental Technician. Researched pollution prevention opportunities for 47 postal service facilities. Developed specific pollution prevention options and conducted cost-benefit analysis for facilities. Drafted infrastructure and community support sections of a facility Environmental Impact Statement. Summer 1995 - Spring 1996.

Waste Reduction Institute for Training and Applications Research (WRITAR), Minneapolis, MN

Researcher. Researched pollution prevention initiatives in the Great Lakes Region; drafted survey and interviewed representatives from key organizations. Researched recycling and source reduction opportunities for businesses in Dakota County; drafted fact sheets. Winter 1995.

Research Triangle Institute, Research Triangle Park, NC

Analyst. Researched sustainable development and industrial pollution prevention programs for an eco-industrial park project. Wrote summary report and annotated bibliography for project. Fall 1994-Spring 1995.

Institute for Local Self-Reliance

Conference Coordinator. Organized logistics for biochemical conference. Organized publicity, wrote press releases, designed banners and posters, verified conference budget, and organized mailings. Fall 1995.

United States Environmental Protection Agency, Washington, DC; Prague, Czech Republic.

Global Climate Change Fellow. Researched energy efficiency programs in Eastern Europe for the Country Studies Management Team. Recommended geographic information system hardware and software for countries involved in climate change studies. Conducted interviews with key policy makers and NGO representatives involved in energy efficiency and renewable energy in the Czech Republic. 1993-1994.

United Nations Industrial Development Organization, New York, NY.

Environmental Policy Intern. Reported on the meeting of the Commission on Sustainable Development. Researched, analyzed and recommended improvements to UNIDO's environment program. Summer 1993

United States Environmental Protection Agency, Health Effects Research Laboratory, RTP, NC.

Student Assistant, Reviewed risk assessment and risk management methods in the U.S.-Mexico border area and evaluated appropriateness of U.S. risk management for developing countries. Spring 1993.

Grevena Project, Greece

Field Assistant. Operated geophysics equipment for archaeological survey. Computed quantitative results for publication. September 1989.

Deti Zeme Environmental Organization, Czech Republic.

Editor, Reviewed scientific articles for newly organized environmental organization. Recruited students and organized Earth Day publicity in Prague. 1990

TEACHING EXPERIENCE

University of Minnesota, St. Paul, MN.

Sustainability Science Instructor, Co-developed and taught an interdisciplinary course for natural resources students. Spring 2001.

University of Minnesota, St. Paul, MN.

Preparing Future Faculty Program Certificate, Developed a repertoire of effective teaching strategies designed for higher education and applied these skills in the classroom. Mentorship at Carleton College, Northfield, MN. Spring 1999, 2001.

Carleton College, Northfield MN.

Pre-doctoral Fellow, Taught an environmental studies colloquium. Developed a new class project where students researched the environmental impacts of the campus and recommended policy changes. Spring 2001.

University of Minnesota, Conservation Biology Program, Minneapolis, MN.

Religion and Environment Course Committee. Co-developed graduate discussion class for conservation biology students. Fall 2001.

University of Pittsburgh, Governor's School for International Studies, Pittsburgh, PA

Global Environment and Resources Instructor, Taught gifted and talented high school students as part of a summer program on international studies. Summer, 2000

Normandale Community College, Bloomington, MN

Minnesota's Natural History Instructor, Taught field biology. Academic year 1999-2000.

Itasca Field Station, University of Minnesota, Itasca, MN

Field Ecology Teaching Assistant, Organized field trips and assisted class. Summer 1999.

Hamline University Center for Global Environmental Education, St. Paul, MN

Adjunct Professor/Program Assistant, Organized environmental issues speakers series. Presented lecture on gender and environment. Developed environmental justice course. Fall 1997.

Duke University School of the Environment, Durham, NC.

Gender and Environment Course Committee. Team developed and taught a graduate discussion class. Spring 1993.

Vysoká Škola Zemendelská, Prague, Czech Republic

University Lector. Taught English as a foreign language to Czech students. Designed curricula and lesson plans; negotiated staff budget. 1990.

Village Camps, Zell am See, Austria

English Teacher/Counselor. Developed curricula for English as a foreign language classes for multi-national students as part of language/sports camp. Summer 1990.

RESEARCH INTERESTS

urban ecology, restoration ecology, international environmental policy, environmental education, gender and environment, environmental justice, religion and environment

PUBLICATIONS

Savanick, Suzanne and Jim Perry, 2006, "Using the Campus Nitrogen Budget to Teach about the Nitrogen Cycle" Journal of Geoscience Education. V.54, N. 3, p.312-319

Savanick, Suzanne and Jim Perry, in review, "Materials Balances as a Tool to Evaluate Campus Sustainability Initiatives: case study of a nitrogen balance for the University of Minnesota." Urban Ecology.

Savanick, Suzanne and Jim Perry, 2003, "Urban Ecology and the University Campus" in Koester, Robert (ed.), Connecting to Place: Greening of the Campus 5 Conference Proceedings, Ball State, Indiana, Sept 2003.

Savanick, Suzanne and Jim Perry, 2001, "*University of Minnesota Sustainable Campus Initiative*" in Koester, Robert (ed.), *Moving to the Mainstream: Greening of the Campus 4 Conference Proceedings Vol. IV*, Ball State, Indiana, 20-22 Sept 2001.

Brijdeep S. Bhasin, Thorunn Bjarnadottir, Varsha N. Das, Maia M. Dock, Emily E. Pullins, Jon R. Rosales, Suzanne Savanick, David M. Stricherz, Lark A. Weller, B.S., in press, "*Passport to Earth Summit 2002: A Case Study in Exploring Sustainable Development at the University of Minnesota*" Submitted to the *International Journal for Sustainability in Higher Education*, July, 2002.

Suzanne Savanick, 2001, "*Watershed Projects Abound*", National Wildlife Federation Campus Ecology Newsletter, spring.

"*Creating an Ecohome*", 2000, Factsheet Series for the Office of Environmental Assistance.

"*Green Sheet*", 1996, Factsheet Series, Dakota County Environmental Management Department.

Suzanne Savanick, "*Up to the Woods*," May 28, 1997; "*On My Own*," May 26, 1999, Minnesota Women's Press My Word Columns.

Suzanne Savanick, 1989, "*Birds of the Arboretum: Visitor's Guide*," Carleton College, Northfield, MN, 1989.

PRESENTATIONS

"*Urban Ecology and the University Campus*", presented at Connecting to Place: Greening of the Campus 5 Conference Proceedings, Ball State, Indiana, Sept 2003.

"*The Campus and the Global Environment Workshop*" quest lecture presented for the Winona State Global Studies Program, September 2003.

"Campus Ecology", consultant and workshop presenter for National Wildlife Federation, University of Texas at Austin workshop, winter 2003.

"Campus Ecology Bridging the Gap Between Campus Sustainability Efforts and Urban Ecology", Conservation Biology, Duluth MN, July 2003.

"*Impress the President*", poster presentation and discussion with the president, April 2003.

"*The University of Minnesota's Sustainable Campus Initiative: An Interdisciplinary Effort to Improve the Environment and Increase Teaching Opportunities on Campus*", presentation at the Higher Education for Sustainability: Towards the World Summit on Sustainable Development (Rio +10) in 2002, Luneberg, Germany. 8-10 October, 2001.

"*Campus Ecology: Bridging the Gap between Campus Sustainability Efforts and Urban Ecology*" presentation at the Society for Conservation Biology 16th Annual Meeting, 14-19th July 2002, University of Kent at Canterbury, UK.

"*The University of Minnesota's Sustainable Campus Initiative: An Interdisciplinary Effort to Improve the Environment and Increase Teaching Opportunities on Campus*" presentation at the International Partnership for Service-Learning 20th Anniversary Conference Prague, Czech Republic April 14-18, 2002.

"*Urban Ecology and Campus Ecology*", presented at Conservation Biology Seminar, fall 2001

"*Sarita Wetland Restoration*", presentation for the Forum for Women in the Environmental Field, summer 2001

"*Environmental Justice*," Visiting lecture presented at Carleton College, Northfield, MN, February, 1996.

“What Hid Behind The Iron Curtain: Environmental Problems in Czechoslovakia,” Presented at Concordia College, Moorhead MN, 1990 and Student Environmental Action Coalition Conference, University of Illinois, 1990.

AWARDS AND GRANTS

Minnesota Office of Environmental Assistance Grant, May 2001, (\$27,000)

University of Minnesota Civic Engagement Grant, 2000 (\$5000)

National Wildlife Federation Campus Ecology Fellowship, 2000 (\$1000)

Recycling Association of Minnesota Scholarship, 2000, (\$1000)

Minnesota Women’s Club Scholarship, 1999 (\$3500)

National Council of Catholic Women, Environmental Scholarship, 1999 (\$1000)

United States Environmental Protection Agency Global Climate Change Fellowship, 1994 (\$12,000)

Duke University Student International Discussion Group Travel Grant, 1994 (\$800)

Pollution Prevention/Industrial Ecology Conference Grant, 1994 (\$600)

Ann McDougall Memorial Award for Women with a Commitment to Human Service, 1993 (\$1000)

COMMUNITY SERVICE

Elected Official, Dakota County Soil and Water Conservation District Supervisor, January 1999-2004.

Organizing committee member, University of Minnesota Sustainability Summit, April 2003.

Citizen’s Advisory Committee, Dakota County Farmland and Natural Areas Program, 2003-2004.

Girl Scout Adventurers Program Organizer. Developed new program for Girl Scout Council of St. Croix Valley. Currently advise steering committee and staff. May 1996-2000.

Environmental Workgroup Organizer, House of Mercy Church, St. Paul MN, Developed organization that sponsors environmental events and discussion groups on religion and environment. May 2000-2004.

REFERENCES

References available on request.