

Water Resources Management Summer Workshops

Year	Title	Location	Purpose	Sponsor(s)
1970	Alternative Solutions for Water Quality Management in Dane County, WI	Dane County WI	To identify and evaluate several alternative institutional frameworks for improving water quality management in Dane County.	U.S. Environmental Protection Agency (U.S. EPA) Training Grant #900118, U.S. EPA Region VIII
1972	Chippewa Flowage Investigations	Chippewa Flowage, Sawyer County WI	The purpose of the investigation was to provide hydrological, limnological and ecological data and policy framework analysis to various groups concerned with the relicensing of the Chippewa Flowage to Northern States Power Company.	The Upper Great Lakes Regional Commission via the Inland Lakes Demonstration Project
1973	Groundwater Quality	Door County WI	The purpose of this investigation was to assess the institutional and physical constraints on economic development, recreation growth and groundwater quality in Door County.	Upper Great Lakes Regional Commission via the Small Scale Waste Management project; the EPA via funds granted to the WRM program; and the University of Wisconsin Cartographic Laboratory
1973	Workshop Reports on the University of Wisconsin Arboretum and Lake Wingra	Madison WI	To give a broad analysis of the historical and present management and use of the UW Arboretum and to make recommendations for future policy, an aquatic education program, and an "environmentally sound" nature center.	U.S. EPA Training Grant #900118, with assistance from the Arboretum Committee and Staff
1973	Parkland Planning and Lake Management in the Rock River Basin	Rock River Basin in Jefferson County WI	This project had three purposes. The first was to identify water quality problems in Lake Koshkonong and an analysis of possible solutions. The second was a consideration of policies for county parkland development using Jefferson County as an example. The third was a development of guidelines for Environmental Impact Statements for county governments.	U.S. EPA Training Grant #900118 with assistance from several Jefferson County administrators
1974	Oil and Shale Development in Northwestern Colorado Water and Related Land Impacts	Green River Formation, CO	To evaluate the potential for oil shale development of the Green River Formation in Colorado in light of the availability of water for mining and reclamation, potential impacts of mining on land and water quality and return on investment capital.	U.S. EPA Training Grant #900118, U.S. EPA Region VIII, the Western Interstate Commission on Higher Education, the Environmental Defense Fund, the Rockefeller Foundation through Rocky Mountain Center on the Environment
1975	An Analysis of the International Great Lakes Levels Board Report on Regulation of Great Lakes Water	Great Lakes	The goal of this WRM workshop was to provide a series of five working papers and a summary to be used by the state of Wisconsin in framing a response to the International Joint Commission regarding Great Lakes water level regulation.	The Rockefeller Foundation: Lake Superior Project, The Wisconsin Coastal Program
1975	Report of the Dane County Advisory Council for Lake Quality Improvement: A Framework for Lake Management	Lakes Mendota and Monona, Dane County WI	To consult with the Dane County Advisory Council for Lakes Mendota and Monona which was formed to develop an action program for water quality improvement.	U.S. EPA Training Grant #900118
1976	Non-Point Source Water Pollution	Wisconsin	To review non-point source water pollution in Wisconsin, with regard to its occurrence, nature management techniques, and institutional and economic implications.	U.S. EPA Training Grant #T900118-05

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1977	Flooding and Related Problems of Brewery Creek: A Report to the Village of Cross Plains	Brewery Creek, Cross Plains WI	To determine the portion of Cross Plains flooded by the hundred year discharge of Brewery Creek and to propose channel modifications that would abate the flooding without damaging the trout fishery in Black Earth Creek directly downstream.	Village of Cross Plains
1978	Water Management Plan, Fourteenmile Creek Watershed	Fourteenmile Creek Watershed, Adams County WI	To develop a permanent management program for the Fourteenmile Creek Watershed. In order to accomplish this, the following objectives were set: determine the consequences of the newly formed lake, determine the needs of residents around the lakes, evaluate runoff for the entire watershed, and develop a lakeshore land use management strategy for water quality improvement.	Fourteenmile Creek Watershed Trust
1979	Sugar-Pecatonica River Basin Report	Sugar-Pecatonica River Basin, Southwestern WI	To produce an area-wide water quality management plan to meet the statutory requirements of the Federal Water Pollution Control Act Amendments of 1972.	Wisconsin Department of Natural Resources
1980	Lake Redstone: A Water Quality and Management Study	Lake Redstone, Northern Sauk County WI	The purpose of the study was to identify the causes of nutrient and sediment loading into Lake Redstone, and to develop management alternatives designed to restore and protect the lake.	Lake Management District of Lake Redstone and Wisconsin
1981	Upper Koshkonong Creek: A Water Management Study	Koshkonong Creek, Eastern Dane County WI	To develop a watershed management plan for Upper Koshkonong Creek to serve as a decision-making guide for the use of resources.	Dane County Regional Planning Commission, City of Sun Prairie, Dane County Farm Drainage Board with support from the Towns of Sun Prairie, Deerfield and Cottage Grove, University of Wisconsin-Madison Division of Summer Sessions and the Institute for Environmental Studies
1982	Decatur Lake and Watershed: A Report to the City of Brodhead, WI	Brodhead WI	The purpose of this study was to develop management options for the resources of the Sugar River watershed. The study involved analyzing the physical, economic, and institutional systems in and around the lake to provide the factual basis for management proposals.	City of Brodhead City Council, Brodhead Residents, and Community Organizations
1983	Fox Lake: A Water Quality and Management Study	Fox Lake, Dodge County WI	To define and evaluate factors contributing to the degradation of Fox Lake water quality and subsequent proposition of feasible management alternatives to protect and restore Fox Lake.	Fox Lake Protection and Rehabilitation District, Department of Natural Resources

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1984	Animal Waste Management	State of Wisconsin	To provide Wisconsin counties with the resource materials needed to effectively deal with state animal waste management programs.	Wisconsin Department of Agriculture, Trade and Consumer Protection, Dane County Land Conservation Committee, University of Wisconsin-Madison Division of Summer Sessions and the Institute for Environmental Studies
1985	Black Earth Creek: A Watershed Study with Management Options	Black Earth WI	To evaluate existing data on the watershed, identify potential problem areas, formulate management strategies and propose recommendations for the future maintenance and preservation of the creek.	Wisconsin Department of Natural Resources
1986	Delavan Lake: A Recovery and Management Study	Delavan WI	To develop a plan for Delavan Lake. Due to high levels of nutrient loading, this lake has been plagued by poor water quality and excessive populations of rough fish. The WRM students' goal was to propose a workable recovery plan and develop a program for long-term management of the lake.	Wisconsin Department of Natural Resources
1987	Yahara Lakes Watershed	Madison (and near vicinity) WI	To educate the public about and promote citizen involvement in the protection and management of the water resources of the Yahara River watershed.	Wisconsin Department of Natural Resources (DNR), Institute for Environmental Studies
1988	Managing Pesticides in Groundwater: A Decision-Making Framework	Madison WI	To develop a framework to help policy-makers evaluate different policy options in the development of a state program to regulate pesticides.	Wisconsin Department of Agriculture, Trade, and Consumer Protection (DATCP)
1989	Integrating the Groundwater Component into the Priority Watershed Program: A Case Study of the Rattlesnake Creek Watershed	Rattlesnake Creek, Western Grant County WI	To provide the Department of Agriculture, Trade and Consumer Protection (DATCP) and the Wisconsin Department of Natural Resources (DNR) with a methodology for incorporating groundwater assessments into the priority watershed planning process and to identify factors which constrain farmers from adopting management practices that could protect or enhance groundwater and surface water quality.	DNR, DATCP
1990	Urban Wetlands in the Yahara-Monona Watershed: Functional Classification and Management Alternatives	Madison (and vicinity) WI	To develop a functional classification scheme that will aid the design of management alternatives for wetlands in urban areas, with a specific focus on the Yahara-Monona Watershed.	Dane County Regional Planning Commission
1991	Water Resources of the Lac Courte Oreilles Reservation Northwest Wisconsin	Lac Courte Oreilles Reservation, Sawyer County WI	To conduct a comprehensive water resources inventory and water quality assessment of the Lac Courte Oreilles Reservation and outline a management strategy that will foster long-term, self-administered water quality protection and enhancement.	Lac Courte Oreilles Tribal Council, University of Wisconsin-Madison Office of the Chancellor

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1992	Looking Forward: Water Resources Issues on the Lac Courte Oreilles Reservation	Lac Courte Oreilles Reservation, Sawyer County WI	To continue the work of the 1991 WRM workshop and focus on the following: wellhead protection planning, landfill closure plan development, lake water quality assessment, reservation compost proposal, environmental education for LCO youth, and wild rice protection and enhancement.	Lac Courte Oreilles Tribal Council, University of Wisconsin-Madison Office of the Chancellor, Division of Summer Sessions and Inter-College Programs, and the Institute for Environmental Studies
1993	The Upper Sugar River Basin in Transition: A Watershed Evaluation with Management Options	Dane County WI	To discern trends which might signal significant long-term degradation of the resources and to identify the actions and activities which could be causing such trends. The workshop looked at the river basin as an integrated resource, looking at both the quantity and quality of surface and groundwaters as well as the management of these resources by individuals and the government.	Wisconsin Department of Natural Resources
1994	Water Resources of the Bad River Reservation	Bad River Reservation, Ashland County WI	To create a general report on the water resources of the Bad River Reservation including historical and legal context. In addition a complete assessment of Denomie Creek watershed was performed as a model for future research.	The Nature Conservancy, Bad River Band of Chippewa (with funding from U.S. EPA), University of Wisconsin-Madison Division of Summer Sessions and the Institute for Environmental Studies
1995	Lake Belle View: Research Findings and Alternatives for the Future	Belleville WI	To investigate and identify possible management strategies for improving conditions in the lake including sedimentation, turbidity, and a large rough fish population.	Village of Belleville
1996	Nine Springs Watershed and Environmental Corridor	Madison WI	To conduct a hydrological assessment, a water resource management assessment, and an exploration of wetland and stream channel restoration possibilities in the Nine Springs Creek Watershed.	Lake Management Planning Grant administered by the Dane County Lakes and Watershed Commission
1997	Water Resources Atlas for Token Creek	Token Creek WI	To provide a document summarizing the current conditions of the Token Creek Watershed, how humans affect the water resources, possible future conditions, and watershed management options. This document is to be used to promote collaborative efforts between different stakeholders to protect and enhance the watershed.	Wisconsin Department of Natural Resources
1998	The Coastal Wetlands of Manitowoc County: Inventory, Assessment and Management Recommendations	Manitowoc County WI	To evaluate 57 wetlands in Manitowoc County for eleven functional values, inventory wetland vegetation, and provide supplementary narrative information with the goal of understanding how each wetland functions within a landscape, and to develop a framework for future wetland management.	Wisconsin Coastal Management Program, Coastal Zone Management Act of 1972
http://www.nelson.wisc.edu/research/wrm98/				

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1999	Lake Wingra Watershed: A New Management Approach	Madison WI	To propose a set of tools for the protection and enhanced management of the Lake Wingra watershed. In addition to proposing a set of tools, this work included synthesizing existing technical research, evaluating current management practices, analyzing stakeholder coordination, and designing an outreach strategy.	Wisconsin Department of Natural Resources Lake Management Planning Grant, Dane County Lakes and Watershed Commission, University of Wisconsin-Madison, Institute for Environmental Studies, and Friends of Lake Wingra
	http://www.nelson.wisc.edu/research/wrm99/			
2000	Dam Repair or Removal: A Decision-Making Guide	Madison WI	To develop a document that guides communities in gathering enough information so that they can make an informed decision about whether to repair or remove the local dam and in finding a process for making the decision.	Wisconsin Department of Natural Resources
	http://www.nelson.wisc.edu/research/wrm00/			
2001	Improving the Water Quality of Park Lake	Pardeeville WI		Park Lake Management District
2002	Effective Stormwater Planning and Management in the Rowan Creek Watershed	Columbia County WI		Columbia County Land and Water Conservation Department
2003	UW-Madison Stormwater Runoff Management Project	Madison WI	To develop a nonpoint pollution source management plan to identify land use activities on campus producing pollution that is impacting Lake Mendota and Lake Monona water quality.	State of Wisconsin Department of Natural Resources
	http://www.nelson.wisc.edu/wrm/workshops/2003/			
2004	A Watershed Approach to Wetland Services: Prioritizing Wetland Restoration in the Upper Rock River Basin	Southeast Wisconsin	To develop a watershed-based strategy for wetland restoration considering ecological services (hydrologic support, water-quality improvement, and biodiversity enhancement) as well as investigating a means to implement such a strategy for the Upper Rock River Basin.	Environmental Defense through the Center for Conservation Incentives
	http://www.nelson.wisc.edu/wrm/workshops/2004/			
2005	Starkweather Creek Report of 2005 Current Conditions and Improvement Strategies for an Urban Watershed.	Madison, Burke, and Blooming Grove WI	To identify enhancement opportunities within the Starkweather Creek Watershed for wetland restoration, infiltration and baseflow improvements to the creek, riparian and stream bank rehabilitation or stabilization, stream water quality enhancements, and community outreach and education programs that increase awareness of the inter-connectedness of the ecosystems within the watershed, as well as between watersheds in the Madison area.	Friends of Starkweather Creek and the City of Madison, Engineering Division
	http://www.nelson.wisc.edu/wrm/workshops/2005/			
2006	Enhancing an Urban Resource: Watershed Assessment and Management Plan for Monona Bay, Madison, WI	Madison, WI	WRM students collected and analyzed new data and historic information on water and sediment quality, management of aquatic plants and stormwater, and public opinion of Monona Bay to develop a management plan and public outreach program for the Bay and watershed.	Friends of Monona Bay, Dane County Lakes and Watershed Commission/Office of Lakes and Watersheds, Wisconsin DNR Lake Management Planning Grant
	http://www.nelson.wisc.edu/wrm/workshops/2006/			

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2007	Restoration of the Eastern Arboretum Marshes	Madison, WI	The 2007 WRM practicum addressed the eastern Arboretum wetlands, asking how can the Arboretum best cope with too much inflowing stormwater of too low quality. Their comprehensive approach includes opportunities to reduce watershed inflows, restoration that could occur within the Arboretum, and impacts on downstream waters.	UW-Madison Arboretum
2007	Assessing the feasibility of cypress swamp restoration as part of community-based recovery in New Orleans, LA	New Orleans, LA	The New Orleans practicum objectives were to characterize Bayou Bienvenue site conditions, identify possibilities and limitations for restoration options, evaluate proposals regarding the New Orleans Sewerage and Water Board use of the wetland for tertiary treatment of effluent through wetland assimilation, and define options for future use of the area.	Holy Cross Neighborhood Association, of the Lower Ninth Ward in New Orleans