

Science meets practice: The art of adaptively tinkering with lake ecosystems

Social, economic, and ecological research on lakes and the science of limnology are brought together in many practical applications by citizens and lake communities. Several models of how science and research knowledge are used by lake communities and managers to enhance and protect aquatic ecosystems exist in Wisconsin. Some examples of intelligent tinkering¹ (as Aldo Leopold would call it), collaborations, and partnerships are highlighted by the following:

- Lake citizens sometimes do the work themselves:
 1. *Cloverleaf Lakes Protective Association* – lake management planning efforts were initiated by the lake organization using consultants from the WDNR, UWEX, etc. and facilitators from their lake group. They came together through study and action teams based on important themes for the plan like controlling AIS, managing water levels, completing water quality monitoring, and several administrative issues. Each group came up with recommendations and implementation steps of how to plan for and address these important themes in their lake community.
< <http://www.cloverleafakes.com/documents/Findings%20and%20Recommendations.pdf> >
< <http://www.cloverleafakes.com/pages/lakeplan.html> >
< <http://www.cloverleafakes.com/documents/Study%20Team%20Summaries.pdf> .
Contact: Fran West-Tomashek / 715-823-4059 / < kfwest@frontiernet.net >
 2. *Citizen Lake Monitoring Network (CLMN) and Clean Boat, Clean Water (CBCW) volunteers* – hundreds of citizens around Wisconsin have provided the foundation for understanding water quality trends, lake health, and aquatic invasive species prevention and control strategies. Many of these people enjoy the fact of knowing the data they collect annually on their lakes is used to make sound lake management decisions for the future.
< <http://www.uwsp.edu/cnr/uwexplakes/clmn/> >
Contact: Laura Herman-Citizen Lake Monitoring Network Educator / UW-Extension / College of Natural Resources / 800 Reserve Street / Stevens Point, WI 54481 / 715-346-3989 < laura.herman@uwsp.edu > /
< <http://www.uwsp.edu/cnr/uwexplakes/cbcw/> >
Contact: Erin McFarlane-Aquatic Invasive Species Volunteer Coordinator / UW-Extension / College of Natural Resources / 800 Reserve Street / Stevens Point, WI 54481 / 715-346-4978 / < Erin.McFarlane@uwsp.edu >
- Not-for-profits helping to organize and lead lake management planning efforts or other work:
 1. *Beaver Creek Reserve* and their Citizen Science Center have been partnering with several lake organizations in Eau Claire and Chippewa counties on lake management planning, aquatic plants, aquatic invasive species prevention and education, shoreland restoration, surveys, water quality monitoring efforts, and more.
< <http://www.beavercreekreserve.org/site/page/Lakes%20and%20Streams> >
Contact: Anna Mares / Aquatic Invasive Species Coordinator / < anna@beavercreekreserve.org >
 2. *North Lakeland Discovery Center* is a community-based environmental learning center that promotes stewardship of the region's natural and cultural resources. They have had many partnerships related to lake stewardship from shoreland restoration, to lake education, to aquatic invasive species prevention and control.
< <http://www.discoverycenter.net/index.html> >
Contact: Sarah Johnson - Executive Director / < sarah@discoverycenter.net >
 3. *Lumberjack Resource Conservation and Development Council, Incorporated* strives to enhance area natural resources, promote a higher standard of living and improve the quality of life as well as fostering partnerships between public and private sectors for the benefit of area citizens. Located in NE Wisconsin, the not-for-profit group as supported area partnerships on lake matters like shoreland restoration and aquatic invasive species prevention and control.
< <http://www.wi.nrcs.usda.gov/partnerships/lumberjack/> >
Contact: Kim Goerg-Lumberjack RC&D Coordinator / 715-362-3690 / < kim.goerg@wi.usda.gov >
 4. The *Yahara Lakes Association, Ltd. (YLA)* is a nonprofit association which works to improve and preserve the lakes and rivers in the Yahara chain of lakes in south central Wisconsin. YLA represents the interests of shore property owners and

¹ "To keep every cog and wheel is the first precaution of intelligent tinkering". Page 190 Leopold, Aldo (1966) [1949, 1953]. *A Sand County Almanac - with essays on conservation from Round River*. Ballantine Books. pp. 295 pp. [ISBN 0-345-27774-0](https://www.amazon.com/dp/0345277740).

advocates for the vitality of the lakes, so everyone can enjoy them. They are one of the bigger groups and lake systems active in lake work.

< <http://yaharalakes.org/index.htm> >

Contact: Sal Troia-YLA Board Member / 608-242-9439 / < bicycleracer@tds.net >

5. *Other lake organizations* throughout the state of Wisconsin are deeply engaged in joining science and research in assorted management activities. Use the LakeList tool at the UW-Extension Lakes web site to identify, contact, see web links for, and learn about activities of these assorted lake champions.

< <http://www.uwsp.edu/cnr/uwexlakes/lakelist/> >

- Partnerships with researchers:

1. The *Wisconsin Lakeshore Restoration Project* joins the forces of Michigan Technological University, WDNR, Vilas County Land and Water Conservation Department, Department of Agriculture, Trade and Consumer Protection (DATCP), area lake organizations, a bible camp, local landscapers / nurseries, and others. Lakeshore property owners are cooperating with the partnership to restore their lake shoreland buffers for the ultimate goal of protecting our water resources. The research and management project is measuring the value of fish and wildlife habitat restoration on northern Wisconsin Lakes.

< <http://dnr.wi.gov/org/water/success/2009/foundlake.htm> > /

< <http://www.uwsp.edu/cnr/uwexlakes/laketides/vol33-4/Fall08LT.pdf> >

Contact: Dan Haskell-Research Associate Scientist, MTU / (715)-360-8942 / < dehaskel@mtu.edu >

2. The *Long Term Ecological Research (LTER) Network* is a collaborative effort involving more than 1800 scientists and students investigating ecological processes over long temporal and broad spatial scales. The *North Temperate Lakes Long Term Ecological Research (LTER)* is conducted on lakes in the Madison area, as well as in the northern highland lake district of Wisconsin. Many lake organizations partner with the researchers from the UW-Madison Center for Limnology and Trout Lake Station to get this lake data collected and incorporated into lake management planning by lake groups.

< <http://lter.limnology.wisc.edu/> >

Contact: Tim Kratz, Station Director / < tkkratz@wisc.edu > / (715)-356-9494

3. *Iron River-Delta Lakes in Bayfield Co.:* The lakes in this area of Bayfield County represent a valuable northern Wisconsin resource for residents and visitors alike, but these water bodies are under attack. Aquatic invasive species threaten the long term ecological and economic health of lakes in the region. This study examined several human dimensions of AIS, trying to identify citizen perceptions and reactions to species such as Eurasian water-milfoil, curly-leaf pondweed, rusty crayfish, and zebra mussels. Further, it underscores the potential economic impacts AIS can have on local lake communities. Partners included UWEX state/county, WDNR, area lake groups, etc.

< http://www.uwsp.edu/cnr/uwexlakes/conventions/2009/Folder/thurs_concurrent_one/Sociological-EconomicImpactsAIS-Eiswerth.pdf .

Contact: Mark Eiswerth, UW-Whitewater < eiswertm@uww.edu > / (262)-472-1776

4. *Bony/Eau Claire Lakes fish habitat work:* during the summer of 2006, Bony Lake, Bayfield County, property owners began meeting with partners within the county land and water conservation department, Sigurd Olson Environmental Institute, and WDNR to discuss what they could do to protect the 191-acre headwater lake from increasing water quality and habitat stressors such as development and recreational use. A local citizen led the partner team and wrote a successful DNR Lake Protection ~ Shoreland Restoration Grant that provided \$100,000 over 3 years, with an additional \$45,000 in cash & in-kind matching funds, to restore shorelines, implement storm water best management practices, replace lost woody habitat, expand monitoring, and inform and educate the local community.

< <http://bonylakewi.org/blwlrp1.html> > / < <http://dnr.wi.gov/org/water/success/2009/bonylake.htm> >

Contact: Carol LeBreck (715)-425 6904 / < carol.k.lebreck@uwrf.edu >

5. *Burnett County community-based social marketing (CBSM) studies:* Conservation groups, citizens and agencies are looking for better ways to encourage residents to take better care of lakes and lakeshore habitats. Interest in CBSM within Wisconsin's lake professionals' community has grown in recent years. This pilot project capitalized on that growing interest to implement and evaluate CBSM principles in the context of protecting lakes in northwest Wisconsin.

< <http://basineducation.uwex.edu/stcroix/Links/CBSM/campaignFAQ.pdf> >

< <http://basineducation.uwex.edu/stcroix/Links/CBSM/CBSMHome.htm> >

< http://basineducation.uwex.edu/stcroix/Links/CBSM/NWLaksconf2009_6_18_09_files/frame.htm >

Contact: John Haack, UWEX St. Croix Basin Natural Resources Educator < john.haack@ces.uwex.edu >

6. *Eagle River Chain of Lakes aquatic invasive species treatment residual study*: Partners from the lake groups, Vilas County Land and Water Conservation, WDNR, U.S. Army Corps of Engineers, applicators and others have worked together to track residual data for herbicide application to the Eagle River Chain of Lakes system.
 < http://vilaslandandwater.org/ais_pages/ais_species_ewm_page.htm#2008chemicalcontrol >
 Contact: Kevin Gauthier, WDNR Lake Coordinator / < kevin.gauthiersr@wisconsin.gov > / (715)-365-8937
7. *Wisconsin Department of Natural Resources, the United State Geological Survey, and lake groups*: The effects of shoreline development on water quality and nutrient yields in nearshore areas of four lakes in northern Wisconsin were investigated from October 1999 through September 2001. The study measured surface runoff and ground-water flows from paired developed (sites containing lawn, rooftops, sidewalks, and driveways) and undeveloped (mature and immature woods) catchments adjacent to four lakes in northern Wisconsin-Lower Nine Mile, Butternut, Kentuck, and Anvil Lakes.
 < <http://pubs.usgs.gov/wri/wrir-03-4144/pdf/wrir-03-4144.pdf> > / < <http://www.usgs.gov/state/state.asp?State=WI> >
 < http://pubs.usgs.gov/fs/2006/3033/pdf/fs_2006-3033.pdf > / < <http://pubs.usgs.gov/wri/> >
 < http://www.uwsp.edu/cnr/uwexlakes/conventions/2010/Archive/ConcurrentIII/greb_steve_no_wi_study.pdf >
 Contact: Steve Greb, WDNR / steven.greb@wisconsin.gov / (608)-221-6362
8. *Friends of Lake Wingra*: Lake Wingra is under attack from urbanization, polluted runoff and invasive species. The Friends of Lake Wingra are working with the community to change both private and public behavior and policies to address these and other threats to this precious resource.
 < <http://lakewingra.org/> > / < <http://clean-water.uwex.edu/pubs/pdf/add.WingraVision.pdf> >
 Contact: < info@lakewingra.org > / (608) 663-2838

- Working with land trusts to protect lakeshores and land along waterways:

1. *Deer Lake Conservancy*: for a good number of years the Deer Lake Conservancy, in conjunction with the Deer Lake Improvement Association, has worked toward the preservation of Deer Lake and the surrounding land that contributes to the natural, scenic, recreational and productive value of the lake.
 < <http://www.deerlakewi.com/Conservancy.html> >
 < http://www.uwsp.edu/cnr/uwexlakes/conventions/2010/Archive/ConcurrentII/miller_jim_deer_lake_conservancy.pdf >
 Contact: The Deer Lake Conservancy, Inc. / P.O. Box 1139 / St. Croix Falls, WI 54024
2. *Snipe Lake Association and the Northwoods Land Trust*: The Snipe Lake Association has been a partner in helping to preserve parcels on Snipe Lake by working with their local land trust and their lake community.
 < <http://www.northwoodslandtrust.org/Aug2006.pdf> > [see page 7]
 Contact: <http://www.northwoodslandtrust.org>
3. *Half Moon Lake conservancy property*: the 35 acre conservancy property is located north of Half Moon where Harder Creek is upstream from the lake in Polk County.
 < <http://www.halfmoonlake.net/content.htm> >
 Contact: Craig Johnson – President, Half Moon P & R District / < <http://www.halfmoonlake.net/> >
4. *Lake Beulah Area Conservation Project*: Kettle Moraine Land Trust is partnering with the Lake Beulah Management District, the Lake Beulah Protective and Improvement Association, the Town of East Troy, and residents living near and around Lake Beulah to begin land conservation work in the area.
 < <http://www.kmlandtrust.org/> >
 Contact: Maggie Zoellner, Project Manager / < Maggie@kmlandtrust.org > / (262)-949-7211
5. *The Green Lake Conservancy Foundation (GLCF)*: is a community-based non-profit 501(C) (3) tax-deductible land trust that works to preserve, protect and enhance the aesthetic, ecological and recreational qualities of places that make the greater Green Lake watershed special.
 < <http://www.greenlakeconservancyfoundation.org/glcons/index.html> >
 Contact: Green Lake Conservancy Foundation, Inc. / PO Box 52 / Green Lake, WI 54941 / (920)294-3592
 < info@greenlakeconservancy.org >
6. *Gibson Island Stewardship-Cloverleaf Lakes*: “We the residents and users of Cloverleaf Lakes seek to acquire Gibson Island in order to maintain and protect the Island’s natural environment and wildlife for present and future generations.” Mission of the Gibson Island Project. ~Cost: [\$298,364.93].
 < <http://www.cloverleafakes.com/pages/stewardship.html> >
 < <http://www.cloverleafakes.com/documents/Island%20Dedication%20Program.pdf> >

Contact: Dennis Thornton, Cloverleaf Lakes President / (715)-823-9151 / < thornqb@frontiernet.net >

- Partnering up with local schools:

1. The *Black Oak Lake Association and Conserve School* have been in partnership on lakes for several years up in the Three Lakes area. They pool their water quality monitoring data together to help protect lakes on the campus including nearby Black Oak Lake.
< http://www.conserveschool.org/Relld/606430/ISvars/default/Lake_Studies.htm >
< <http://www2.conserveschool.org/seismicstation/> > / < <http://www.blackoaklake.com/indexS.html> >
Contact: Walt Bates / (715)-547-3660
2. The *Green Lake Sanitary District (GLSD) and the Green Lake Association (Green Lake Association)* continue to be actively involved with each of the four school districts (Green Lake, Ripon, Markesan, Princeton) surrounding Big Green Lake. Currently, students and their teachers are actively involved with or have expressed an interest to perform work or study the following areas: Norwegian Bay bulrushes, biotic indexing of Big Green Lake tributaries, lake fisheries, shoreland preservation and restoration, plant and animal habitat studies, and lake water quality. The information and data obtained by students is used by the GLSD and other lake organizations to make better informed lake and watershed related decisions, as well as to become part of the historical databases.
< <http://www.dotnet.com/~glsd/education.htm> >
Contact: Charlie Marks, Green Lake Sanitary District Director < glsd@dotnet.com > / (920)-295-4488
3. Check out the *Lakeshore Field Journal* developed by UWEX's John Haack and Bret Shaw, among others.
< <http://basineducation.uwex.edu/stcroix/Links/CBSM/Products/fieldJournalFinal.pdf> >
4. Other examples:
< http://www.uwsp.edu/cnr/uwexlakes/conventions/2010/Archive/TuesdayWorkshops/educating_youth/heusinkveld_john_talk_with_youth_workshop.pdf >
< http://www.uwsp.edu/cnr/uwexlakes/conventions/2010/Archive/TuesdayWorkshops/educating_youth/reilly_kate_planning_successful_youth_ed_programs.pdf >

- Creating incentive programs in resourceful ways:

1. *Big Green's RSVP Program* provides incentives for waterfront property owners to work with local certified RSVP contractors to restore their riparian areas to a native and natural shoreland area. In addition to restoring shoreland areas, RSVP also aims to inform and educate riparian owners as well as the public on the benefits of native/natural restored shoreland areas.
< http://www.uwsp.edu/cnr/uwexlakes/conventions/2010/Archive/ConcurrentII/marks_charlie_green_lake_rsvp_program.pdf >
< http://www.dotnet.com/~glsd/news_and_events.htm#Revitalizing%20of%20Shoreland%20Vegetation >
Contact: Charlie Marks, Green Lake Sanitary District Director < glsd@dotnet.com > / (920)-295-4488
2. *Vilas County Lakes Association (VCLA) blue heron awards:* provides local lake associations and lake districts the opportunity to recognize lake property owners who have been conscientious in the development and use of their lake property to minimize environmental impacts.
< http://www.vcla.us/docs/programs/blue_heron_brochure.pdf > / < <http://www.vcla.us/programs.php> >
Contact: VCLA Secretary / P. O. Box 494 / Eagle River, Wisconsin 54521
3. *Burnett County 10 ten native plants discount card:* an incentive discount card for purchasing native plants for shoreland restoration work.
< <http://basineducation.uwex.edu/stcroix/Links/CBSM/Coupon.pdf> >
Contact: John Haack, UWEX St. Croix Basin Natural Resources Educator < john.haack@ces.uwex.edu >

- Town level approaches to working on lake concerns:

1. *Vilas County Town Lake Committees:* the concept of lake organizations coming together to function as advisory bodies of town boards originated in Vilas County in 2003 when representatives from eight lakes were recognized by the Saint Germain Town Board as the "Town Lakes Committee". Other towns began to establish town lakes committees as either advisory groups to town boards or as lake level partnerships not directly affiliated with local government in 2004 with creation of the Vilas County AIS Partnership.
< http://vilaslandandwater.org/ais_pages/ais_town_lakes_committees_page.htm >

Contact: Ted Ritter, Vilas County Invasive Species Coordinator < teritt@co.vilas.wi.us >

2. *Town of Barnes Eurasian Water-milfoil Committee*: in the fall of 2005 Eurasian Water Milfoil (EWM) was discovered in Tomahawk and Sandbar Lakes by the WDNR. The discovery generated a great deal of interest and action by the Barnes Eau Claire Lakes Property Owners Association. Through their leadership an Ad Hoc Committee representing a broad spectrum of organizations was formed to address this important issue.

< <http://www.barnes-wi.com/page.cfm/43> >

Contact: Ingemar Ekstrom

- Collaborations with service providers (here are **just** a few examples of **many**):

1. *Lake management planning/consultants*: *Onterra, LLC*: here are some examples of folks doing this kind of work who presented at last year's annual Wisconsin Lakes Convention and a listing of service providers who displayed at the convention.

< http://www.onterra-eco.com/comprehensive_plan.htm > / < http://www.onterra-eco.com/st_germain_plan.htm > /

< http://www.onterra-eco.com/twin_lakes_plan.htm >

Contact: Onterra, LLC - Tim Hoyman / < thoyman@onterra-eco.com > / (920)-338-8860

< <http://www.uwsp.edu/cnr/uwexplakes/conventions/2010/Archive/TuesdayPlenary/Fred-WI%20Lakes%20Conf%20Green%20Bay%20March%202010.pdf> > /

< <http://www.barr.com/environmental/LandArch.htm> >

Barr Engineering - Fred Rozumalski / < FRozumalski@barr.com > / (952)-832-2600

< <http://www.uwsp.edu/cnr/uwexplakes/conventions/2010/Archive/TuesdayPlenary/Apfelbaum.pdf> > /

< <http://www.appliedeco.com/Index.cfm> >

Applied Ecological Services, Inc. - Steve Apfelbaum / < steve@appliedeco.com > / (608)-897-8641

< <http://www.delafleur.com/index.htm> >

de la fleur LLC - Marcus de la fleur / < mdlf@delafleur.com > / (312)-618-6681

Others-the 2010 Business Guide: < <http://www.uwsp.edu/cnr/uwexplakes/conventions/2010/Archive/Folder/2010ExhibitorGuide.pdf> >

2. *Landscapers/nurseries*: partnering effectively with nursery or landscape professionals in order for you to get the most out of your project can be a challenge. Matching native plant options to landowner desires, site characteristics like soil, moisture conditions, and aspect, as well as to concerns such as wildlife habitat and water quality protection, takes an ecological eye, a responsive ear, and an accomplished planner. Create a relationship with your local landscaper/nurseryman to help support lake restoration work.

< http://www.uwsp.edu/cnr/uwexplakes/conventions/2010/Archive/ConcurrentII/hanson_brent_native_plants_that_work.pdf > /

< <http://www.hansonsgardenvillage.com/> >

Contacts: Brent Hanson, Nurseryman/Restoration Consultant, (715)-365-2929 / < info@hansonsgardenvillage.com >

< http://www.uwsp.edu/cnr/uwexplakes/conventions/2010/Archive/ConcurrentII/doudlah_mark_agrecol.pdf > /

< www.agrecol.com >

Contact: Mark Doudlah, President / Agrecol LLC / Madison WI / < <http://www.agrecol.com/contact/> >

< http://www.uwsp.edu/cnr/uwexplakes/conventions/2010/Archive/ConcurrentII/reas_lisa_shoreland_projects.pdf > /

< www.ljreas.com >

Contact: Lisa J. Reas, LJ Reas Environmental Consulting Corp. / (920)-294-3116 / < ljreas@charter.net >

- County-wide/regional/state lake organizations:

1. *Totogatic River is Running Wild / protection status*: Washburn County and Washburn County Lakes and Rivers Association, local citizens, the River Alliance of Wisconsin, UW-Extension and Wisconsin DNR have been seeking this designation since 2004. These groups worked very hard researching how to designate a river and what the designation would mean for local river protection. Wisconsin Act 32, of 2009 created State Statute 30.26(2)3m and designated nearly 70 miles of the Totogatic River, from its outlet of Totogatic Lake in Bayfield, though Sawyer, Washburn, and Douglas Counties to its mouth at the Namekagon River in Burnett County for preservation and protection under the Wild Rivers legislative designation.

< <http://basineducation.uwex.edu/stcroix/Links/WildRiver/The%20Totogatic%20River%20is%20Running%20Wild.pdf> >

< <http://dnr.wi.gov/org/nrboard/2010/June/06-10-3B4.pdf> > / < <http://www.atthecreation.com/TOGATIG/TOGA.html> >

Contact: Washburn County Lakes and Rivers Association / < <http://www.wclra.org/> >

2. *The Bayfield County Lakes Forum*: works to preserve and enhance the scenic, natural, recreational and economic values of Bayfield County lakes, streams and shorelands.

< <http://www.bayfieldcountylakes.org/?110000> >

Contact: Jim Brakken / (715)-798-3163 / < jim.brakken@yahoo.com >

3. *Adams County Lake Alliance*: purposes: share knowledge about common lake problems and solutions; identify county-level programs of education and political action to protect and preserve our lakes; provide a united citizen voice to county government on policies that impact lake quality and lake use; and ensure that the important tax base provided by lake property is not devalued by loss of lake quality.

< <http://www.adamscountylakes.org/> >

Contact: Chris Murphy, Adams County Conservationist / (608)-339-4269 / < cmurphy@co.adams.wi.us >

4. *The Florence County Lakes and Rivers Association (FCLARA)*: develops partnerships among lake and river concerned citizens, to increase support and education, to maintain and improve high quality water, fish, animal, bird, air, and associated wetland resources, thereby maintaining the aesthetic values of Florence County lakes and rivers as public recreational facilities today and for future generations.

< <http://www.florencewisconsin.com/AboutFC/FCLARA.html> >

Contact: Cary Anderson / < carylyse@sbcglobal.net > / (920)-739-0030

5. *Rock River Coalition*: their mission is to educate and provide opportunities for people of diverse interests to work together to improve the environmental, recreational, cultural and economic resources of the Rock River Basin.

< <http://www.rockrivercoalition.org/index.asp> > / < <http://www.rockrivercoalition.org/annReports.asp> >

Contact: Suzanne Wade: Rock River Basin Educator / (920) 674-7295 / < suzanne.wade@ces.uwex.edu >

6. *Vilas County Lakes Association (VCLA)*: is a information and education network that helps lake associations and individual citizens make wise decisions in their effort to preserve and protect the unique waterways of Vilas County, now and well into the future.

< <http://www.vcla.us/index.php> > / < http://www.vcla.us/docs/country_journal/VCLA_newsletter_may_2010.pdf >

Contact: Charles Their, Board of Directors President / (715)-542-2063 / < thiercj@yahoo.com >

7. *Collaborations with the Wisconsin Association of Lakes*: is the only statewide organization working exclusively to protect and enhance the quality of Wisconsin's 15,000 inland lakes. The continued quality of tomorrow's lakes depends on today's decisions. WAL works with lake groups, citizens, and the legislature to ensure that our lakes are protected and enjoyed for generations to come. WAL envisions a future when lake visitors, recreational lake users, anglers, shoreline property owners, and local and state government agencies share: a common lake ethic; a mutual understanding of lake ecology and lake health; a set of common goals for lakes; and are working together to protect lakes.

< <http://www.wisconsinlakes.org/index.html> >

Contact: Karen von Huene, WAL Executive Director / < kvonhuene@wisconsinlakes.org > / (608)-661-4313

- Collaborations with planners and geographic information specialists:

1. The *Southeastern Wisconsin Regional Planning Commission (SEWRPC)*: was established in 1960 as the official area wide planning agency for the southeastern region of the State. SEWRPC serves the seven counties of Kenosha, Milwaukee, Ozaukee, Racine, Walworth, Washington, and Waukesha by providing technical assistance, management plan support, and a variety of other lake-related services to area lake organizations and communities. Recent examples of their work are cited below.

< http://maps.sewrpc.org/publications/capr/capr-181_2nd_ed_Water_Quality_Management_for_Oconomowoc_Lake.pdf >

< <http://maps.sewrpc.org/publications/mr/mr-192-aquatic-plant-mgmt-plan-lake-shangrila-benet-lake.pdf> >

< http://www.sewrpc.org/SEWRPCFiles/Publications/pr/pr-042_nat_areas_critical_spec.pdf >

Contact: Kenneth Yunker, Executive Director / (262)-547-6722, ext. 211 / < kyunker@sewrpc.org >

2. *UWSP GIS lab and Moose Lake project*: the Moose Lake Legacy Initiative has forged an exceptional partnership between citizens and resource professionals to inventory and analyze landscapes within the West Fork of the Chippewa River watershed. Particular attention has focused on the islands and shorelines of Moose Lake, in Sawyer County, Wisconsin.

< <http://www.uwsp.edu/geo/GIScenter/projects%20folder/Moose%20Lake/Final%20Report%20for%20WebView.pdf> >

Contact: Doug Miskowiak, GIS Education Specialist / < Doug.Miskowiak@uwsp.edu > / (715)-346-4789

3. *Capital Area Regional Planning Commission aka Dane County Regional Planning Commission*: was formed in 1968 through an intergovernmental agreement between Dane County and the County's local units of government. The RPC, therefore, is not a county agency, but an independent agency created by state statute and by agreement of Dane County communities. The RPC was originally established to carry out comprehensive, intergovernmental planning; to have jurisdiction throughout Dane County, including incorporated and unincorporated areas; to meet area wide requirements so local jurisdictions could receive federal grants; and to provide an organization to receive federal planning grants.

< http://www.capitalarearpc.org/WaterQuality_Plan.html >

Contact: Kamran Mesbah, Deputy Director and Director of Environmental Resources Planning / (608)-266-9283 / < KamranM@CapitalAreaRPC.org >

- Collaborations with government entities:

1. *County land and water departments*: provide support to lake groups, technical assistance, and cost-share funding. Look for coverage and partnerships with lakes in their land and water resource management plans. Example web links for some lake rich counties:

Sawyer < <http://www.sawyercountygov.org/CountyDepartments/LandWaterConservation/tabid/108/Default.aspx> > /

Marinette < <http://www.marinetecounty.com/departments/?department=a67be5f0c03a&subdepartment=3f4f12eefd5> > /

Burnett < <http://www.burnettcounty.com/index.aspx?nid=97> > / Vilas < <http://vilaslandandwater.org/> > /

Washburn < <http://www.co.washburn.wi.us/departments/landwatercons/> > /

Adams < <http://www.co.adams.wi.gov/Departments/LandWaterConservation/tabid/77/Default.aspx> > /

Portage < <http://www.co.portage.wi.us/planningzoning/PCL/Main%20Page/Main%20Page.shtm> > /

Polk < <http://www.co.polk.wi.us/landwater/> > / Dunn < <http://dunncountywi.govoffice2.com/index.asp> > /

Marathon < http://www.co.marathon.wi.us/detailed_info.asp?dep=23 > /

Contact: your local county conservationist within the Land and Water Conservation Department.

2. *Wisconsin Land and Water Conservation Association*: assists county Land Conservation Committees and Departments with the protection, enhancement and sustainable use of Wisconsin's natural resources and to represent them through education and governmental interaction.

< <http://www.wlwca.org/> >

Contact: Julian Zelazny, Executive Director / (608)-441-2677 / < Julian@wlwca.org >

3. *Lake Tomah Plan*: a project unfolding on Tomah's namesake lake aims to transform it from a carp-infested, algae-choked waterbody into a community asset with clean water, healthy plants that can help keep it that way, and good fishing. The project partners include the City of Tomah, its Tomah Lake Committee, DNR, the Monroe County Land Conservation Department, and individual citizens and fishing club members. A U.S. Environmental Protection Agency grant funded the chemical treatment and a DNR Lake Protection grant will pay for shoreline habitat restoration work.

< <http://dnr.wi.gov/fish/pages/laketomah.html> >

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