



COASTAL HORIZONS



The Coastal Program's goal is to preserve, protect, develop, and where possible, restore or enhance coastal resources along Minnesota's North Shore of Lake Superior.

Spring 2007

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COASTAL FACT

A recent University of Minnesota Duluth study discovered that Lake Superior is warming much faster than the rate of air temperatures. Since 1979, lake surface waters have increased about 2.5° Celsius. The researchers used temperature data from buoys and weather stations, along with historical ice cover records to explore the warming trend. It's possible that diminishing ice cover on the lake may be to blame. Ramifications could include earlier spring turnover and disturbance of important fish and plant habitat.

Source:
Jay Austin
Assistant Professor
Large Lakes Observatory

COASTAL SPOTLIGHT

Because the Lake Superior region is known for high quality waters, convincing people that our streams and the "Big Lake" need protection can be challenging. Over 20 local governments and public agencies, from both Northern Minnesota and Wisconsin, have risen to this challenge by participating in the Regional Stormwater Protection Team (RSPT). The mission of RSPT is "to protect and enhance the region's shared water resources through stormwater pollution prevention by providing coordinated educational programs and technical assistance." By combining the energy and efforts of local communities and agencies, RSPT members deliver strong and consistent water protection messages throughout our region.

To reinforce their water protection message, RSPT obtained a coastal grant in 2006 to host the 2nd Lake Superior Watershed Festival, called *Zaagidawaa*, which is Ojibwa for "flow into the lake." The festival offers entertainment and children's activities, including performances by Dr. T, a nationally-known environmental entertainer. There are free workshops and demonstrations on native landscaping, rain gardens, rain barrels, fly fishing, and composting.

Zaagidawaa takes place on **June 2 from 10 a.m. – 3 p.m.** in the Kmart parking lot near Miller Mall in Duluth. Call Kate at (218) 723-4867 for more information about the Lake Superior Watershed Festival.

FAQ - CALCULATING INDIRECT COSTS

When applying for and reporting on a grant, remember that some indirect costs are allowable expenses for reimbursement. Indirect costs are not easily quantifiable, but are necessary to the operation of the project.

Examples of indirect costs include: utilities, office supplies, postage, local telephone service, rent, and salaries of personnel engaged in providing a broad range of departmental support activities. Project management is typically a direct cost.

CELEBRATE LAKE SUPERIOR DAY

The largest lake in the world has its own day of recognition held annually on the third Sunday in July. Communities, businesses, industries, civic and community groups and clubs, churches, schools, and individuals or families are invited to hold activities or events that celebrate this world-class lake. Anyone can organize an event or activity that symbolizes their connection to the Lake Superior Basin.

The Lake Superior Binational Forum* is promoting this basin-wide event to highlight the spiritual, personal, environmental, and economic connections people have



Dr. T and RSPT mascot "Rex", at the 2005 Lake Superior Watershed Festival

Among other things, RSPT members:

- Host and sponsor workshops (construction site erosion and sediment control; winter parking lot maintenance; fats, oils and grease trainings for restaurants; and others)
- Produce and distribute outreach materials (brochures, pamphlets, TV and radio advertisements)
- Operate a hotline for reporting regional stormwater issues, (218) 529-3281
- Share Best Management Practices (BMP) training materials
- For more information about RSPT, log on to: www.lakesuperiorstreams.org

Indirect costs are eligible as a reimbursable budget item up to 25 percent of the total budget, for salaries and fringe benefits only. For example, if your project cost includes \$5,000 in salaries and \$1,200 in fringe benefits, your maximum reimbursable indirect costs would be $(5,000 + 1,200) \times 0.25 = \$1,550$.

to this unique world treasure. Churches, business, and groups around the lake are already organizing special actions for July 15. For example, elected and tribal officials in Michigan, Minnesota, Wisconsin, and Ontario are signing proclamations that designate the third Sunday in July as Lake Superior Day. Some cities or groups are holding special events such as dragon boat races, beach clean ups, and special church services. Visit the Forum's website for celebration ideas:

<http://www.superiorforum.info>

Thanks to Lissa Radke, Lake Superior Binational Program U.S. Coordinator, for information about this special day.



*The Lake Superior Binational Forum is a multi-sector stakeholder group of U.S. and Canadian volunteers that provides input to governments and educates basin residents about ways to protect the lake. Members come from Michigan, Minnesota, Wisconsin, and Ontario. The Forum is administered in the United States at the Sigurd Olson Environmental Institute at Northland College in Ashland, WI, funded by a grant from the U.S. Environmental Protection Agency's Great Lakes National Program Office. In Canada, the Forum office is at Lakehead University in Thunder Bay, Ontario, funded by Environment Canada.

COUNCIL NEWS

Governor Pawlenty recently announced the appointment of Dr. Bonnie MacLean, Ph.D., and the reappointment of Jim Linscheid and Stacy Radosevich to the Coastal Council.

Congratulations to our new and continuing council members!

A MINUTE WITH A COUNCIL MEMBER

JoEllen Hurr, one of our veteran Coastal Council members, has invested much time and energy in the Coastal Program, even serving as the first elected chair of the council.

A teacher by training, JoEllen values environmental education and understands that land use is an important component of conserving the quality of water resources. She appreciates the unique perspective that each council member brings to the table, the open atmosphere, and tolerance of diverse opinions.

Having been part of the steering committee that helped establish the council in July 1999, JoEllen is satisfied with the equality of representation; there are three at-large members, and three members (only one can be an elected official) from each of the four coastal counties. One thing JoEllen would like to improve is council member awareness of past projects and outcomes, whether through presentations or tours of project sites.



Council member JoEllen Hurr

If you would like to attend a council meeting to talk about a successful coastal project, please contact Mindy Granley at 218-834-6625.

MARK YOUR CALENDAR

Lake Superior Watershed Festival
Hermantown, MN
June 2, 2007

SWCDs Stormwater Roundtable
Duluth, MN
June 4, 2007

Lake Superior Day
July 15, 2007

Making a Great Lake Superior
Duluth, MN
Oct 29-31, 2007

LAKE SUPERIOR STORMWATER ROUNDTABLE

Local problems, local solutions

The Lake Superior Association of Soil and Water Conservation Districts (SWCDs) has identified stormwater management as its focus area. An increase in stormwater regulations and the addition of North Shore streams to Minnesota's impaired waters list has raised awareness of how stormwater runoff impacts water bodies.

Stormwater management involves many decision makers and is influenced by the actions of property owners, public works department practices, and land use and stormwater management policies, among others. SWCDs play an important role in working with the public and assisting other local units of government in addressing stormwater runoff.

The purpose of the June 4 round table is to bring a broad cross-section of parties together to:

- Learn why stormwater management is important
- Explore existing, innovative stormwater programs
- Discuss regional actions and opportunities for SWCDs



Roundtable Details:

June 4, 2007 from 9 a.m. to 12:30 p.m.
at the EPA Lab (6201 Congdon Blvd, Duluth, MN)
Registration starts at 8:30 a.m.
For more information, contact Linda Halverson:
866-900-3064 or linda@communitygrowth.net

REPORTING REMINDERS

If your Coastal Program grant expires June 30, 2007, a final report, deliverables, and final invoice are due by August 30, 2007.

For continuing grants, progress reports are due July 16, 2007.

COASTAL GRANTS AWARDED

Minnesota's Lake Superior Coastal Program had its most competitive year of grant applications so far. Of \$1,245,385 in requested funding, \$602,146 was awarded to the following projects:

- \$14,829 Split Rock River Design Project, Arrowhead Regional Development Commission
- \$99,000 Digital GIS Parcel Layer Development for Thomson Township and the City of Cloquet, Carlton Co. Information Systems
- \$32,900 South Terrace Outdoor Learning Center of Carlton County, Carlton County Soil Water Conservation District
- \$69,500 Duluth Digital Plat and Parcel Development for Lake Superior Watershed Protection, City of Duluth
- \$40,000 Participating in Creating a Unified Development Code, City of Duluth
- \$22,930 Community Center Rain Water Gardens and Site Restoration Area, Cook County Community Center
- \$97,300 Finland Community Recreation and Trail Center, Crystal Bay Township
- \$18,406 Gitchi Gummi Overlook, Gooseberry Falls State Park
- \$17,205 Shipwreck Preservation – Saving Views into Lake Superior's Past, Great Lakes Shipwreck Preservation Society
- \$11,231 Lake Superior Basin Wetland Banking Project, Lake County
- \$25,000 Temperance River State Park Wayside Storm Water Control, Temperance River State Park
- \$21,263 Erosion and Sediment Control for Temporary Wetland and Stream Crossings, Carlton County
- \$30,963 Bay View School Forest, Proctor Public Schools
- \$15,000 Stormwater Best Management Practices for Small Businesses, Regional Stormwater Protection Team, City of Duluth
- \$14,978 Publications to Assist Property Owners in Protecting Wetland and Shoreland Environments, St. Louis County Planning
- \$17,000 GIS Parcel Layer Development for Lakewood Township, St. Louis County
- \$34,507 Superior Hiking Trail Bridge - Cross River, Temperance River State Park
- \$20,134 Protecting Water Quality through Unwanted Medication Collection and Disposal, Western Lake Superior Sanitary District



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www.dnr.state.mn.us/waters/lakesuperior