

Partnering For Watershed Restoration

Monthly Update

July 2016

PWR Members:

Welcome to the monthly PWR e-mail update. We hope you find it useful. If you have updates under any of these categories (**Assistance, Funding, Events, Tools, News**) please pass them along and I will include them in future PWR e-mails. Meanwhile, please do not hesitate to contact me if you are in need of assistance with a project, have any questions, suggestions or updates related to the Partnering for Watershed Restoration (PWR). Thanks.

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PWR Website: [Click HERE](#)

PWR ASSISTANCE AVAILABLE:

Great Lakes Conservation Corps

Thanks to funding provided by the Ottawa National Forest (ONF) the Great Lakes Conservation Corps (GLCC) will be providing a four-person crew **FREE** to any PWR partner to assist with related watershed restoration projects in the PWR area. The GLCC crew will be available the week of August 1-5. Depending on the response the crew will most likely be available for one full day for each PWR partner that requests assistance. The GLCC has transportation and a wide variety of field tools. The GLCC can assist with a variety of conservation and restoration projects including but not limited to; erosion control, trail maintenance, invasive plant removal, native plant restoration, tree planting, dune restoration, public access improvement, etc. Limited availability. Crew requests will be prioritized on a first come, first served basis. Requests that cannot be fulfilled at this time will be placed on a waiting list. Please contact Jeff Koch ASAP if you are interested in scheduling the GLCC crew!



PWR Coordinator

The PWR Coordinator is always available to PWR partners to provide assistance with identifying partners for projects, funding, project planning, etc. Please contact Jeff if you are in need of assistance.

PWR FUNDING OPPORTUNITIES

DNR Wildlife Habitat Grants

Open to all local, state, federal governments and tribes, profit or non-profit groups in Michigan; minimum \$15,000 grant with 10% required match; projects involving wildlife openings, mast production, aspen management or deer winter range.

DNR Aquatic Habitat Grants

Open to any local, state, federal and tribal unit of government, or non-profit group in MI. Minimum

grant amount is \$25,000. Applicant must commit to a minimum of 10% of total project cost. Program goals include: protect intact and rehabilitate degraded aquatic resources; ensure sustainable fish and aquatic organism communities that enable long-term recreational use and enjoyment and facilitate natural resource based economies; and develop strong relationships and partnerships with respect to aquatic habitat protection and recovery.

UPCOMING EVENTS

Great Lakes Beach Conference in Marquette October 5-7th: Widely considered to be a premier event by all Michigan business and government stakeholders, this three-day program provides an outstanding opportunity to hear from top experts in their fields about the current status and science behind Great Lakes beaches, successful beach restoration projects, Best Management Practices for beaches, and remarkable transformations of the Marquette waterfront. [Great Lakes Beach Conference in Marquette October 5-7th](#)

PWR TOOLS

PWR Project Locator Map: The PWR Project Locator Map is a tool that was designed to inventory restoration projects that are being proposed within the PWR area, as well as projects that have been completed. This information will be visible by everyone, and will be valuable in prioritizing and obtaining funding opportunities.

[PWR Project Locator Map](#) **Password: pwd4906**

SWP Great Lakes Shoreviewer: The Great Lakes Shoreviewer is a risk assessment and climate adaptation planning tool. It provides stunning, oblique-angle color photography plus multiple layers of additional analysis for prioritized sections of Great Lakes coastline in Michigan (Lake Superior, Lake Michigan, Lake Huron). It also provides potential risk rankings (high, medium, low) for coastal property, buildings, roads and infrastructure.

[SWP Great Lakes Shoreviewer: A Coastal Risk and Climate Adaptation Tool](#)

CalTopo Mapping Website: I recently discovered this free online mapping site. It appears to be very powerful, with many base layers to choose from (USGS topo, Aerial Imagery etc.) plus the capability to create polygons and lines and calculate distances and acreages. It can export great looking PDF maps as well. You can create a free account to save your map data. Too many features to be discussed here. I recommend pressing "CalTopo" in the top left, then "Guided Tour" to learn what the buttons do. [CalTopo Mapping Website](#)

GMAP4 Mapping Website: Another great free mapping tool that can be used to view many different basemaps and obtain Lat/Long GPS coordinates. [GMAP4 Mapping Website](#)

US Forest Service Visitor Map: The US Forest Service Interactive Visitor Map is one way to obtain quick mapping information (roads, topography, lakes, streams, wild and scenic rivers, etc..) about project sites. Click on the gear icon to change the basemap from the default map to USGS topo, aerial imagery and others. [US Forest Service Interactive Visitor Map](#)

PWR PARTNERS IN THE NEWS

Marquette County Conservation District

[Landing Blitz Educates Boaters About Nonnative Aquatic Species](#)

UP Land Conservancy

[Chocloy Bayou Nature Preserve Officially Protected](#)

Climate Conservation Corps (CCC)

[Climatic Project](#)

SWP Marquette Project Summary Article

[SWP to Implement More than \\$1 Million in Environmental Projects](#)

Trout Unlimited Meeting: On June 11 TU (Fred Waara Chapter) hosted a discussion exploring

PWR PROJECT SPOTLIGHT

A Great Lakes Conservation Crew from Superior Watershed Partnership recently helped the Ottawa National Forest Botany Program implement a project to salvage a rare aquatic plant. A population of the Regional Forester's Sensitive species/Michigan Endangered yellow pond-lily (*Nuphar pumila*) is declining since the beaver dam that supported its pond gave way and the water level dropped. Sedges, bulrushes and invasive thistles have colonized the exposed pond bottom and only a small open water area remains. The pond-lily population may not be able to persist at its current location, so permission was obtained from the Michigan DNR to collect rhizomes and move these propagules to nearby ponds that may be able to support the pond-lily. The crew collected the rhizomes from the pond substrate and replanted them in four locations. These sites will be checked next year to see if the pond-lily, whose habitat requirements and propagation methods are not well-known, will establish.



REMINDER: Please send me your updates for the next PWR monthly e-mail!

