



# The Monitor

*The newsletter of Wisconsin's Citizen Lake Monitoring Network*

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## Lakes Convention Focuses on Holistic Ecosystem Health

Last week, many of you joined over 500 others at the Wisconsin Lakes Convention and Water Action Volunteers Symposium in Stevens Point. This year's theme - Paying it Forward - brought a broader perspective to lake and stream management. Presenters and attendees from around the nation considered what we can do to improve ecosystem health in our waters, but also in our communities and broader environment.

Dr. Kate Brauman from the Global Water Initiative delivered a keynote address on valuing ecosystem services--all those things that our environment provides for us at no cost. And Dr. Doug Tallamy, author of *Bringing Nature Home* and *The Living Landscape* focused on how we can restore a wide variety of ecosystem functions and preserve biodiversity in our landscapes by simply adding native plants around our homes or along our shorelines. Tallamy is a renowned entomologist who studies the impacts of native plants on insect communities and entire food webs.

Three 30-year CLMN volunteers were recognized during the Thursday evening awards banquet. One volunteer, Marj Mehring from Squash Lake in Oneida County, attended the Lakes Convention and received her award during the banquet. Also receiving 30-year monitoring awards this year are John Sipos from Golden Lake, Waukesha County, and Lisa Conley of Lac la Belle, also in Waukesha County.

Presentations and videos from the 2019 Wisconsin Lakes Convention are being archived [HERE](#).

Mark your calendars now for the 2020 Wisconsin Lakes Partnership Convention on April 1-3, 2020 at the Stevens Point Holiday Inn & Convention Center!



Marj Mehring, CLMN volunteer on Squash Lake, Oneida County, receives her 30-year monitoring award at the Thursday evening banquet.

Photo by Doug Moore

# Announcements

## Remember to Place New Sticker on Chemistry Lab Slips

On your State Lab of Hygiene lab slip, there is now a highlighted box that says “Place Sulfuric Acid Vial Sticker Over This Box”. Please remove the sticker from your acid vial and attach it over this box on your lab slip. This is an additional quality control step that the State Lab is implementing.

<div data-bbox="159 493 649 745" style="background-color: yellow; text-align: center; padding: 10px;">Place Sulfuric Acid Vial Sticker Over This Box</div>		
<p><b>250 ml Nutrients Bottle (Acidify w/ Sulfuric Acid)</b> <input checked="" type="checkbox"/> Tot.- Phosphorus</p>		

## 2019 Satellite Schedule Posted

Visit [this link](#) to see the 2019 satellite schedule. If possible, try to take your water clarity readings on the same day that the satellite is flying overhead. On-the-ground readings by volunteers are needed to calibrate the satellite equipment and improve its precision.

## Stone Lake Volunteers Featured in New Wisconsin Wetlands Assoc. Video

The Wisconsin Wetlands Association announced several new educational wetland videos this week, with one featuring the work of dedicated volunteers on Stone Lake in Washburn County, a lake with a 31-year history with the Citizen Lake Monitoring Network. The videos can be found [HERE](#)

## New Study uses CLMN Water Quality Data

Researchers Peter Lisi from the Washington Department of Fish & Wildlife and Katie Hein from the Wisconsin DNR published a new study entitled *Eutrophication drives divergent water clarity responses to decadal variation in lake level*, which was published in the journal *Limnology and Oceanography*. The study found that oligotrophic lakes experienced lower water clarity during wet years, likely due to humic acids and organic materials washing in from the surrounding landscape. In contrast, the eutrophic lakes in the study experienced **higher** water clarity in wet years, likely due to a dilution of phosphorus and chlorophyll in the water. Eutrophic impoundments are also flushed out more quickly during periods of higher flow, so less time is available for algae production.

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