

July 2022 Bulletin



ITASCA WATERS

Team Up for Clean Waters

Next in the Practical Water Wisdom series –
Live at Noon, Thursday Aug 4th

FREE – ONLINE

"Understanding Minnesota's Changing Climate"

Dr. Blumenfeld will present a program about how Minnesota's climate is experiencing changes unlike anything we have observed previously. He will also peer into the future to see what lies ahead, according to the best available science.



*Dr. Kenneth ("Kenny") Blumenfeld, Senior
Minnesota State Climatologist*



Glass silos in a northern Minnesota forest? Yes. This photo is of "SPRUCE building #2" at the Marcell Experimental Forest near Marcell, MN.

[Click here to register](#)

The SPRUCE Experiment

The SPRUCE Experiment (Spruce and Peatland Responses Under Changing Environments) is located in Itasca County at the USDA Marcell Experimental Forest.

Scientists are testing the response of high-carbon northern peatland ecosystems to increased temperatures and elevated carbon dioxide. Peatlands may be one of the most important ecosystems in terms of gaining insight into global climate change.



[Read more about SPRUCE](#)

The USDA Forest Service Marcell Experimental Forest in Itasca County was established in 1962 to study peatland watersheds. For more information [click here](#).



North Central Research and Outreach Center
1861 Highway 169 East
Grand Rapids, MN 55744

North Central Research and Outreach Center (NCROC) Visitor Day – August 25, 2022 – 3 to 7pm

Pencil in this date on your calendar. This is a popular family-friendly event with wagon tours by NCROC highlighting their research projects.

Stop by the Itasca Waters booth to learn about native plants that make great additions to any shoreline buffer zone and enter your name in a drawing for a chance to win a plant!



Lake **Lovers** Summer Book Club:

John Richard Saylor
presents
**Lakes: Their Birth,
Life, and Death**
in conversation with
Jeff Forester
Monday 8/15, 7pm Central
Virtual Event • Register Online



John Richard Saylor presents **Lakes: Their Birth, Life, and Death**

"Lakes might be the most misunderstood bodies of water on earth. And while they may seem commonplace, without lakes our world would never be the same. In this revealing look at these life-giving treasures, John Richard Saylor shows us just how deep our connection to still waters run."

"This book is an illuminating tour through the most fascinating lakes around the world."

[Read More and Register](#)



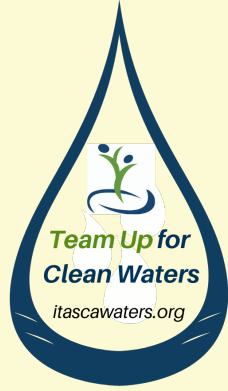
Will you and your family take the **CLEAN WATER PLEDGE?**

I pledge that my actions will help keep Itasca County water drinkable, fishable, and swimmable by making clean water choices at my home, in my yard, with my car, and with my pets.

Remember--*"All the water that will ever be, is right now."* National Geographic

Water IS Life

Are you passionate about your environment, do you want to "Team Up" with other organizations



and concerned citizens to maintain abundant, clean water for our continued health, enjoyment and a strong economy? Then we need you!

Itasca Waters is looking for people who will help us with our programs including the 5th Grade Youth Water Summit, Shoreland Advisor Program, Water Wisdom education series and Clean Water Initiative (shoreline, septic and AIS). And we want to hear *your* ideas for new projects.

If you are interested in joining the Itasca Waters board or becoming a volunteer, please email Itasca Waters president Jesse Davis at jesse@moveitrealestate.com

[Email Jesse Davis, President](mailto:jesse@moveitrealestate.com)

July's Practical Water Wisdom video now available on our [website](#)



All past presentation videos are available through our website. On the [Practical Water Wisdom page](#), click "See Video Presentation" next to the session's title.



Blue-green algae, also known as cyanobacteria, present a unique water quality challenge because they can rapidly form dense surface scums, or blooms, and produce potent toxins that can make people sick and kill pets and wildlife.

Worldwide, cyanobacteria blooms are anticipated to become more prevalent, and Minnesota lakes are not an exception to this prediction.

[Shoreland Advisor program](#)

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