



Sustainability Perspectives

Climate Change Vulnerabilities in the Finger Lakes: What We Can Do About It

Dr. David Wolfe, Professor in the School of Integrative Plant Science at Cornell University, will explain that we hear a lot about “global average” temperatures, but the focus here will be local changes in the timing, frequency, intensity, and variability of crossing temperature and hydrological thresholds with negative (or positive) impacts on Finger Lakes terrestrial and aquatic ecosystems. Increased frequency of cold damage (e.g., to fruit crops due to earlier spring bloom) as well as heat stress, and increased frequency of both flooding and drought in the region are already occurring. Changing seasonal weather patterns will forever alter the fabric of our natural areas, and create new challenges for control of invasive species, weeds, and insect pests. Individual and collective action to adapt to these challenges, while also reducing greenhouse gas emissions and increasing carbon sequestration in our natural areas and farms will be discussed.



March 1, 2021 12:30 – 1:30PM

Virtual event: **Zoom #:** 849 2882 6956 *passcode:* 376987

This event is co-sponsored by the **Cayuga Lake Watershed Network**.

All Sustainability Perspectives series events are free and open to the public. The series explores the concept of ‘sustainability’ from a variety of viewpoints.

Wells is committed to providing access to all events; anyone needing assistance should contact Marian Brown, Center for Sustainability and the Environment, at 315-364-3304 or by email at mbrown@wells.edu, as soon as possible.



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