



join us for our

Professional Development Workshops

and help students connect, explore, and engage in the world around them

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the LEAFlet

From LEAF-Wisconsin's K-12 Forestry Education Program

Understanding Community Systems Virtual Classroom Series

Join [Green & Healthy Schools](#) (GHS) and Forestry educators from LEAF for virtual learning this year! **Recommended for students in grades 6 to 12.** Events include **30-minute speaker presentations and 15 minutes for Q&A.** Participate as a classroom or individually from home. Events are free, but registration is required to participate live.



Noticing Patterns for Tree Identification

Part of the *Understanding Community Systems* series. Ecosystems are made up of human and non-human, living and non-living things. Trees provide community benefits and the types of trees found in a community tell us about other plants, animals, soil, water and broader biocultural systems. Using drawings and other tools, we will make close observations of patterns in tree structures, then use these observations to investigate trees' functions and what they tell you about your place. We will also learn tree identification skills applicable to any neighborhood or community system.

Date: September 16

Time: 10:00 a.m.

[Register Today!](#)



Impervious Surfaces and the Role of Trees in Flood Control

Part of the *Understanding Community Systems* series. Many regions in Wisconsin are experiencing more heavy rainfall events compared to past years. Trees can be part of the solution to reducing impacts from flooding. Join us on a local journey to explore where the water goes in one

neighborhood in Central Wisconsin and how trees help reduce the flow of flooding. Participants will learn how to use iTree to estimate the value of ecosystem services provided by individual trees.

Date: September 29

Time: 1:30 p.m.

[Register Today!](#)



Climate Change and the Trees Around Us

Part of *Understanding Community Systems* series. In this session, we will explore the connection between trees and climate change. You will learn how to measure the height and diameter of trees using simple classroom tools, and then use those measurements to determine how much carbon is sequestered by each tree. Then compare this data to the amount of carbon produced by average schools and local businesses. Finally, we will look at scientific models to see how local trees might be affected by climate change in the future.

Date: October 27

Time: 1:30 p.m.

[Register Today!](#)



Exploring Winter Ecology

Part of *Understanding Community Systems* series. Join us as we step outside to learn a little bit about phenology, ecology, and the role that biodiversity plays in sustaining wildlife habitats in winter. We will also explore how these concepts are connected to climate change in our Wisconsin communities.

Date: December 8

Time: 1:30 p.m.

[Register Today!](#)

See other topics being presented by GHS partners this fall!

