



Our Changing Forests Summer Institute for Teachers

REAL SCIENCE; REAL SCIENTISTS; REAL ISSUES

What: Learn how to get your students outside to engage in authentic scientific practices and investigation aligned with State and National Frameworks. This 2-Day Summer Institute will prepare teachers to set up field site areas in walking distance for their schools. Teachers will learn how to follow a scientific protocol lead by professional scientists. Training includes all written materials and field supplies needed to get a project up and running at your school.

Project Theme: the Our Changing Forests project allows students to investigate how forests are changing over time, and how this impacts carbon dynamics. The primary field activity involves measuring the diameter of each tree in a 10x10 meter area that will be marked as a study plot. A Harvard Forest Project Coach will assist with initial set up of the study plots at each school, and be available for consultation as needed throughout the first study season. Other forest dynamics that will be looked at include tracking the presence of: wildlife sign; invasive species; pests and pathogens; rock or water cover, etc.

Day 2: Going Deeper into Understanding Land Use Change: Harvard Forest Land-Use Scenarios GIS mapper, Joshua Plisinski will provide teachers with a series of land cover change maps created for each specific school site. Staff and teachers will have time to discuss how to engage students in working with maps to see how the changes that they are observing in their plots relate to the larger landscape context.

Where: Harvard Forest is located in Central Massachusetts, close to Route 2, in Petersham, MA.

When: August 22 and 23, 2019 from 9:30am-3:30pm.

Cost: \$50 includes 2 day session, teacher notebook, project materials and year-round support.

To Register: Complete registration form attached and mail with check to Harvard Forest



Harvard Forest Schoolyard Ecology
324 North Main Street
Petersham, MA
01366

Email: psnow@fas.harvard.edu

Website: <http://harvardforest.fas.harvard.edu/schoolyard-lter-program>



Our Changing Forests Project
Summer Institute for Teachers at Harvard Forest
August 22th and 23th, 2019
TEACHER REGISTRATION FORM



Contact Information:

Name _____

School _____

Grade level you teach _____

Subjects you teach _____

District _____

Home Address:

Street _____

Town _____ State _____ Zip _____

Email _____

Home Phone _____

Work Phone _____

Mail registration form with \$50.00 check (written to Harvard University) to:

Pamela Snow, Harvard Forest, 324 North Main Street, Petersham, MA 01366

Fax: 978-724-3595

psnow@fas.harvard.edu