

GLOBE LESD/LCC Training - revised 5/26/2020
Environmental Science Under Remote / Online Learning



This training is open to any professional teacher, college/University instructor, or informal science educator who is interested in exploring ways to engage students or small groups with activities embodying “doing environmental science” through observations and working with data. All sessions will be conducted by Zoom and will be recorded for registered participants (<https://www.globe.gov/get-trained/workshops/workshop/jT1U/135701>). These trainings are offered primarily for Lane County participants but may be open to others. There are no prerequisites or requirements for doing the e•trainings available on the GLOBE web site. But participants must register with GLOBE to submit data or have their students submit data. Both formal GLOBE involvement and the Citizen Science apps offered by GLOBE will be previewed and explored in these first three trainings. Zoom sessions will be recorded and available to anyone who registers for this GLOBE training series, or through Lane ESU. Zoom links will be emailed out via a listserv.

These trainings will qualify for teacher PD from Lane ESU and for LCC faculty, could qualify for in-service for adjunct faculty. Please register at GLOBE if interested and we'll see you Thursday 5/21 or later! Paul

GLOBE 1 – GLOBE Introduction and Orientation (pre-work – e•training Intro)

1. Go to the e•training page: <https://www.globe.gov/get-trained/protocol-etaining>
2. If you'd like to, complete the **Introduction to GLOBE module**
3. Attend one of the two trainings scheduled on Zoom (you may attend both):
 - Thursday, 5/21 from 2:30 – 3:45 PM
 - Tuesday, 5/26 from 10:00 – 11:15 AM

GLOBE 2 – GLOBE WWW/Apps and Citizen Science (clouds, trees, mosquitos)

1. Learn how to navigate the GLOBE web site and apps that you can use with GLOBE
2. Visit the overview page for the smartphone apps that are available to support Citizen Science: <https://www.globe.gov/do-globe/apps>
 - **GLOBE Observer** is the app that supports simple entry of cloud, tree, and mosquito larvae information via smartphone app. Learn how to use it!
 - **GLOBE Data Entry** app is used if you are a GLOBE educator or a student or participant in a GLOBE program which provides access to enter data for all GLOBE protocols.
3. Attend one of the two trainings scheduled on Zoom (you may attend both):
 - **Friday, 5/29** from 3:30 – 4:45 (*note change in day - this will be the repeat of GLOBE 2 now!*)
 - Thursday, 5/28 from 10:30 – 11:45

GLOBE 3 – GLOBE Hydrology Basic Protocols (orientation to hydrology, study site)

1. Learn about the basic hydrology protocols in GLOBE; visit the Hydrosphere e•training area at <https://www.globe.gov/get-trained/protocol-etaining/etraining-modules/16867649/12273> and view the **Introduction to Hydrosphere** module and at least one of these: **Water Temperature, Water Transparency, Electrical Conductivity,** and/or **Water pH.**
2. Attend one of the two trainings scheduled on Zoom: Monday June 1 or Thursday June 4, 9:30 – 10:45 AM.

More training opportunities will be announced according to interest and demand for summer and/or early fall.

Questions – please contact Paul Ruscher by email at ruscherp@lanec.edu

*Resource links: <http://www.globe.gov/> <http://www.lanec.edu/science/globe/>
<https://www.globe.gov/get-trained/workshops/workshop/jT1U/135701>*

v1.1 corrected training link at globe.gov and clarifying some information 5/19/2020 phr