

Virtual Field Teaching Materials

for University Faculty

Fall 2020

Do you want to introduce your students to ecosystems and field research during the pandemic? The Virtual Field, a coalition of 50+ field stations and marine laboratories around the globe, is creating a suite of virtual teaching materials that help instructors introduce students to field research and teach them to observe evidence of ecological concepts (species, habitats, processes and human-environment interaction). Materials target students at all levels and include instructor guides and student assignments.



Scenes from the 2020 Live from the Field event "[Fire across the Continent](#)"

Ecosystem Exploration Videos

5-min unnarrated videos help students make their own observations of ecological and evolutionary concepts in ten marine, freshwater and terrestrial habitats. [Instructor Guide and Materials](#)

Live from the Field Events

50-minute live events introduce students to field research and give them opportunities to talk with researchers at their field sites. Registration is required. Events are recorded. [Instructor Guide and Events](#)

July 1, 2020 - [Fire Across the Continent](#)

September 23, 2020 - [Harmful Algal Blooms](#)

October 13, 2020 - [Intertidal Climate Change](#)

November 9, 2020 - [Nutrient Cycling in Grasslands](#)

Videography Support

Two 20-minute instructional videos help faculty without previous experience create their own field videos using a smartphone. [Part I: How to Use Your Smart Phone to Film a Field Video](#), [Part II: How to Edit Your Field Video](#)

The Virtual Field Portal

Coming in September, thevirtualfield.org helps faculty discover virtual field teaching materials and live events.

For more information: Dr. Claudia Luke
Sonoma State University, lukec@sonoma.edu

