

# 2017 Teaching Change Teacher Training Workshop

## 3-Day Professional Development Course on Outdoor Immersive Curricula in Ecosystem Ecology, Climate Change & Phenology

Sponsored by the *Teaching Change Program*

**Day 1 : Field station**  
**Thursday, March 9<sup>th</sup>**

**Hakalau Forest**  
**National Wildlife Refuge**

**4:30 PM departure from Hilo**

### Activities

- Site introduction/ orientation
- Participant introduction

**Staying at**  
**Hakalau field station**  
**overnight**

**Day 2 : Field station**  
**Friday, March 10<sup>th</sup>**

**Hakalau Forest**  
**National Wildlife Refuge**

### Activities

- Bird walk
- Greenhouse tour
- Makawalu exercise
- Phenology measurements
- Ecosystems, climate change and phenology
- Sample field excursion exercises

**Staying at**  
**Hakalau field station**  
**overnight**

**Day 3 : Classroom**  
**Saturday, March 11<sup>th</sup>**

**Institute of Pacific Islands**  
**Forestry, Hilo**

**8:00 AM Departure from Hakalau**

Introduction to resources:

- 1) Ecosystem Ecology and Climate Change
- 2) Resources for Phenology, including creating a phenology station at your school
- 3) Curriculum development

**4:30 PM finish**  
**with follow-ups**  
**in the Spring/Summer**

Professional development credits awarded upon program completion

Stipend, food, lodging and transportation to field site provided

The *Teaching Change Program* has engaged hundreds of local students in place-based experiential learning about biology, ecology, cultural geography and climate change.

Teaching Change  
Teacher Training  
Workshops are a  
collaboration  
between:



**Registration closing January 30<sup>th</sup>, 2017**

For more information and to register,  
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