

## CLIMATE CHANGE AND WILDFIRE

### *A Curriculum Unit for High School Students*

Welcome! This unit was designed to introduce high school students to climate change, wildfire, and the effects of changing temperature and moisture levels on wildfire risk. The activities in this guide are appropriate for both formal and informal education settings, and they can be modified to fit the needs of students. All activities are aligned to Common Core State Standards, Next Generation Science Standards, and Agriculture, Food, and Natural Resources Standards.

This curriculum is organized as a 5-hour unit, with each activity building on the last. The unit need not be completed in its entirety, however. All of the activities can be conducted individually as well. There are three activities, and one spans three days (or class periods). The [Unit Schedule](#) outlines a proposed schedule of activity completion, assuming 50-minute periods. Each activity includes an estimated time for completion.

The materials required for the activities can generally be purchased at a household goods store, and some are items that many educators often have available. There are very few specialized supplies needed. Each activity includes a materials section that lists the items required to complete the activity, with provided resources, such as handouts and PowerPoint files, listed first. When viewing this guide electronically with an internet connection, the links within the materials section will navigate to each of the listed resources.

We hope that you and your students enjoy these activities! Please contact [information@asombro.org](mailto:information@asombro.org) with questions and feedback.