

## Climate Change Education

### What Do I Need to Know?

Employee Education is the first element of the **Climate Change Scorecard**, an assessment tool for local units. The element requires that all Forest Service employees participate in introductory-level climate change training and that resource specialists have additional training specific to their discipline. There are several resources to help with employee education:

- » The [Climate Change Resource Center](#) is a reference website for resource managers and decision makers who need information and tools to address climate change in planning and project implementation on Forest Service lands. The website has numerous educational resources, offering everything from a basic climate change introduction, to resource-specific learning modules and tools. There are great examples of specific Forest Service projects to adapt to climate change, featured stories on climate change research, and links to many other opportunities for climate change education.
- » The **Office of Sustainability and Climate Change** offers the **Peer Learning** series, ongoing and archived webinars that cover a variety of sustainability and climate change topics. The webinars feature successful sustainability and climate change programs and projects offered by the Forest Service and partners.
- » The [Bulletin](#) is a regular electronic publication of the **US Forest Service Rocky Mountain Research Station** that synthesizes current scientific research on hot topics in the Intermountain West. Each issue delivers key science findings and management implications to people who make and influence decisions about managing land and natural resources.



## RESOURCES

**Carbon Online Estimator**, or [COLE](#), is a program that draws from US Forest Service FIA (Forest Inventory and Analysis) data and allows users to generate estimates for forest carbon inventory, and carbon growth-and-yield curves, within a user-defined region of the continental United States or Alaska. Regions can be defined from the county-scale on up. Users can select from 19 pre-defined filters (forest type, ownership, stand size, physiographic class, etc.) and sort by several quantitative or qualitative variables to receive aggregate or pool-specific carbon stock and growth-and-yield estimates. COLE is similar to, but more customizable than, NE-GTR-343.

The **Climate Change Atlases** can be used to examine the current distribution of tree and bird habitats in the eastern United States, and how these habitat distributions might change in response to different climate scenarios. The [Atlases](#) were created using a model called DISTRIB that uses a set of environmental predictor variables to describe where suitable species habitats are located. Model inputs, assumptions, and results are all available online.

- » The [First Friday All Climate Change Talks](#) (FFACCTS) are monthly forums featuring presentations about research focused on climate change impacts to forest ecosystems. The FFACCTS are a great source of climate change information from a variety of key partners (mostly federal).



Help is Available!