



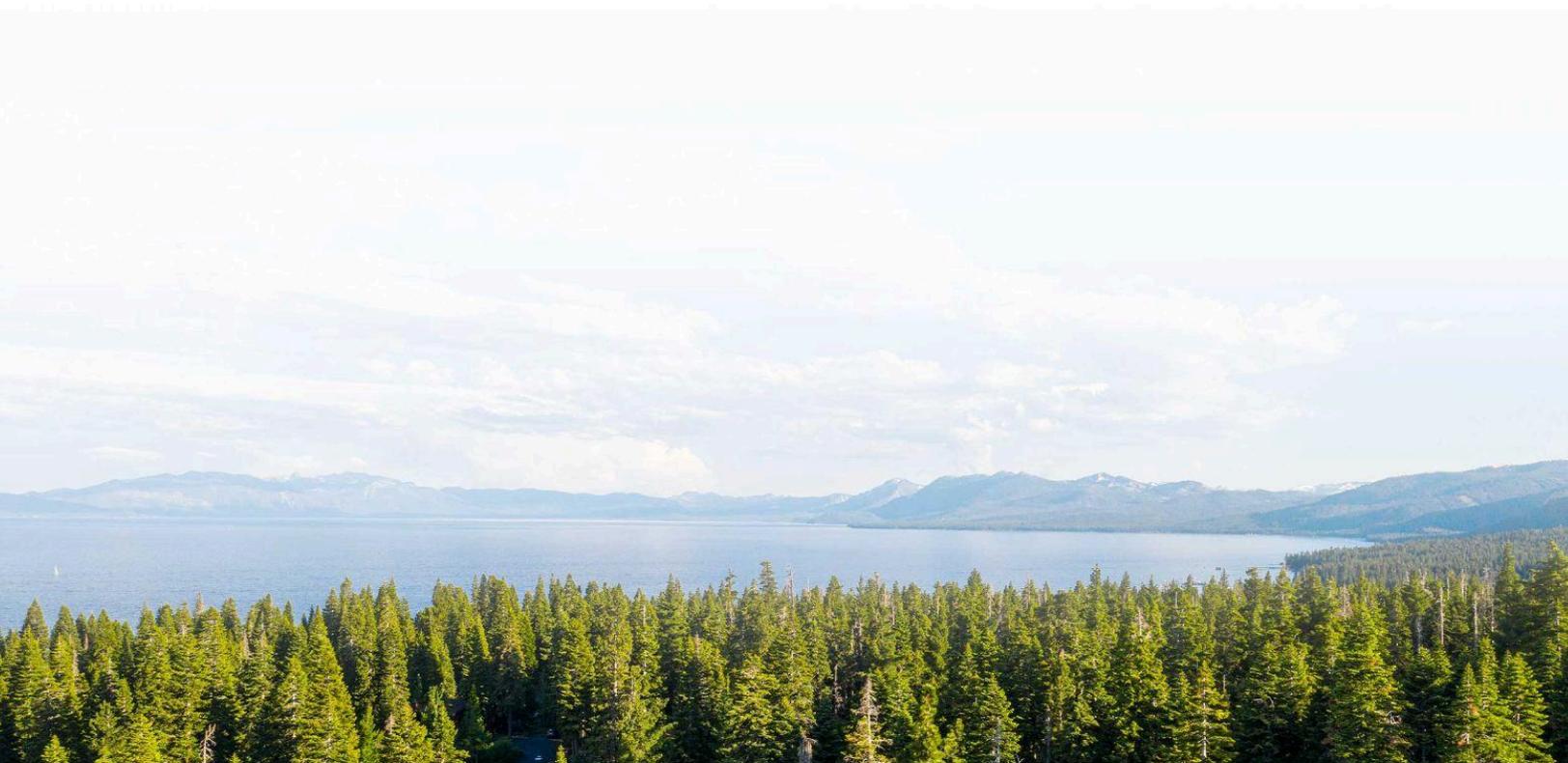
Center for
Climate Futures

Supporting Economic and Climate Resilience in California

**Community Colleges
and Climate Futures
Webinar Series**

Community Colleges and Climate Futures

Teaching and Learning About the Climate Challenge: A Resource List



Climate Education Resource Sites

Strategies, ideas and resources for lessons, units and projects

A wide range of resource sites are available for climate education. Although none focus specifically on community and technical colleges, most sites offer resources and activities that can be adapted to community college settings.

- MIT Climate for Educators: Activities, articles and interactive resources for high school and college educators. Massachusetts Institute of Technology. <https://climate.mit.edu/educators>
- Climate Change Lesson Sets, National Center for Science Education. <https://ncse.ngo/climate-change-lesson-sets>
- New Climate Change Resources, Council on Foreign Relations. <https://education.cfr.org/climate-change-resources>
- Eight ways to Teach Climate Change in Almost Any Classroom, National Public Radio. <https://www.npr.org/2019/04/25/716359470/eight-ways-to-teach-climate-change-in-almost-any-classroom>
- Interdisciplinary Teaching about Earth for a Sustainable Future, InTeGrate. <https://serc.carleton.edu/integrate/index.html>
- Sustainability Improves Student Learning. <https://serc.carleton.edu/sisl/index.html>
- Climate Action Pedagogy: All Courses Are Climate Courses. <https://www.climateactionpedagogy.com/>
- Collection of Climate and Energy Educational Resources (CLEAN), National Oceanic and Atmospheric Agency. <https://www.climate.gov/teaching>
- Resources for Teaching about Climate Change with the New York Times. <https://www.nytimes.com/2021/11/04/learning/lesson-plans/resources-for-teaching-about-climate-change-with-the-new-york-times.html>

Climate Education Articles, Books, and Essays

Guides to thinking about teaching, learning, and climate action

The scholarly literature on climate education has exploded in size and offers discussion of effective pedagogies and practices.

- A New Green Learning Agenda: Approaches to Quality Education for Climate Action, Christina Kwauk and Olivia Casey, Brookings Institution, 2021.
<https://www.brookings.edu/articles/a-new-green-learning-agenda-approaches-to-quality-education-for-climate-action/>
- The Existential Toolkit for Climate Justice Educators: How to Teach in a Burning World, Jennifer Atkinson and Sarah Jaquette Ray, University of California Press, 2024. <https://www.existentialtoolkit.com/>
- Designing Effective Climate Change Education: Strategies for Deeper Learning and Positive Change, North American Association for Environmental Education/University of Florida.
https://cdn.naaee.org/sites/default/files/inline-files/cce.messaging.guide_.pdf
- Second Nature: Higher Education's Roles in Shaping Climate Justice.
<https://secondnature.org/resources/climate-justice/>
- Teaching Climate Change in the Humanities, Stephen Siperstein, et. al, 2017 Routledge.
<https://www.taylorfrancis.com/books/edit/10.4324/9781315689135/teaching-climate-change-humanities-stephanie-lemenager-stephen-siperstein-shane-hall>
- The patterns of curriculum change processes that embed sustainability in higher education institutions, M. Weiss et. al, 2020.
<https://link.springer.com/article/10.1007/s11625-021-00984-1>

Climate Education Organizations and Networks

Places to find colleagues and professional community

The climate education field is still emergent. Here are places that you can gain access to conversations with like-minded educators.

- Center for Climate Futures, Foundation for California Community Colleges.
<https://foundationccc.org/our-work/climate-action/>
- Second Nature. <https://secondnature.org/>
- Association for the Advancement of Sustainability in Higher Education.
<https://www.aashe.org>