


# Pedagogical Resources

Spring'22 Faculty Workshop

# Association for the Advancement of Sustainability: <https://www.aashe.org/>

The Campus Sustainability Hub is a one-stop shop for AASHE members to access toolkits and resource collections about all aspects of sustainability in higher education, from academics to operations to governance. To get started, browse by sustainability topic or content type, or enter search terms above. [Learn more](#)

[Browse Topic List](#) [Browse Content Types](#) [Submit a Resource](#)

 Curriculum	 Research	 Campus Engagement	 Public Engagement
 Air & Climate	 Buildings	 Energy	 Food & Dining
 Grounds	 Purchasing	 Transportation	 Waste
 Water	 Coordination & Planning	 Diversity & Affordability	 Investment & Finance
 Wellbeing & Work			

# SERC Integrate:

<https://serc.carleton.edu/integrate/index.html>

## InTeGrate

*Interdisciplinary Teaching about Earth  
for a Sustainable Future*



Search the Site

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### Teaching about Earth for a Sustainable Future: Materials for Faculty and Instructors

Classroom Tested, Peer Reviewed and Designed to Fit into Your Course



[Explore the Teaching Materials »](#)

### Support Sustainability Beyond the Classroom: Models for Department, Program or Institutional Changes

Lay the foundation for tomorrow's sustainability workforce at your institution.

[Program Level Change: Strategies and Models »](#)

*New to the site?*

### Intro to InTeGrate

Find teaching materials, best practices and a community that supports teaching for a sustainable future.

[Learn how you can use InTeGrate »](#)

### The InTeGrate Community in Action

From re-envisioned courses to campus initiatives to biology education consortiums educators are embracing and expanding InTeGrate's sustainability-focused vision for higher education.

[Learn about the community and how you can get connected »](#)



# Strategies and Teaching Themes



## Strategy: Infuse Sustainability

Teaching with sustainability topics can increase student engagement by establishing relevance, bridging course content to current topics in the news, and connecting course material to other disciplines. Explore:

- Incorporation strategies
- Key topics (Energy, food, water, etc)



## Strategy: Incorporate Expert Ways of Thinking about Earth

A sustainable approach requires sophisticated ways of thinking about the Earth system. Geoscience can lend expertise about how to approach these complex issues. Explore:

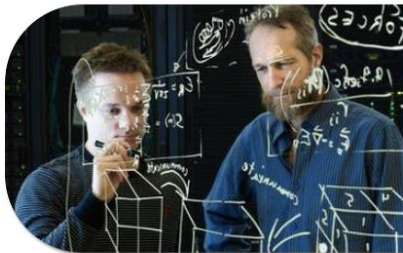
- Systems thinking
- Geoscientific thinking



## Strategy: Connect to the World We Live In

Help your students make connections between what they learn in the classroom and the real world, get involved in the community, and prepare students for the workforce with hands-on experience. Explore:

- Service learning
- Using the local environment
- Real world examples
- Teaching in the field
- Using local data



## Strategy: Build Interdisciplinary Connections

Complex socio-scientific issues require interdisciplinary approaches that give students practice integrating their scientific knowledge with societal constraints. Build connections with faculty that offer additional perspectives and expertise to strengthen your teaching. Explore:

- Connections between faculty
- Geoscience & engineering
- Understanding perspectives



## Strategy: Connect Justice to Sustainability

Issues of sustainability do not affect everyone on the planet in the same way. Give your students an ethical perspective on Earth and society. Explore:

- Environmental Justice
- Risk & Resilience
- GeoEthics