



MADE CLEAR and NOAA
On-line Climate Change Academy for Educators
Online component January 29 – March 9, 2018
Live Introductory Webinar January, 29th



We invite you to participate in a free on-line Climate Change Academy this winter!

Climate change is an urgent issue that requires appropriate responses. MADE CLEAR, Maryland-Delaware Climate Change Education, Assessment, and Research, and NOAA Chesapeake Bay Office invite teachers to bring the cross-disciplinary topic of climate change to your classroom or informal science education center. We will provide research-based content on climate change science and model lessons for the classroom and informal education, incorporating NGSS and MWEE frameworks. During the Climate Change Academy, educators will create a plan for guiding their students to a better understanding of climate change.

Why participate? The On-line Climate Change Academy will provide participants with

- A flexible on-line format – you can complete course work on your own schedule
- Background information about climate change, based on current research
- A kit of climate change teaching materials to try out lessons that weave together science, mathematics, language arts, and social studies content and processing skills
- A forum to discuss questions and share ideas for teaching with NGSS and MWEEs
- Connections with climate change educators in the region

Content The Academy will focus on four major topics, with content and lessons on each:

- The Earth system processes that influence climate
- Evidence for how human activity contributes to climate change
- Local, regional, and global impacts of climate change
- Individual, community, national, and international solution strategies for climate change mitigation and adaptation

Stipend The Climate Change Academy will involve approximately twenty hours of work plus time spent on the development of a teaching plan. Delaware and Maryland teachers who fully participate in the workshop will receive a \$150 stipend, provided upon completion of the Academy (details will be posted on the course site) and submission of a teaching plan.

Platform: The course is offered on NOAA's Chesapeake Bay Exploration learning management system, which also provides easy access to student-friendly environmental data.

Interested? Register at <https://tinyurl.com/online-climate-academy>

Questions? Contact Pat Harcourt pharcourt@umces.edu or Bart Merrick bart.merrick@noaa.gov

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