

CLIMATE CHANGE WORKSHOP FOR TEACHERS

LEARN ABOUT THE SCIENCE BEHIND THE CHANGES
AND ACTION STEPS FOR STUDENTS!

A hands-on workshop for K-12* teachers and community partners.

*Material is most relevant to grades 5-12 but all teachers are welcome!

Saturday, March 10

8:30am – 3pm

Cheray Hall, St Michael's College, Colchester, Vermont

Join us for a stimulating day of new information, dialogue, and classroom applications in an innovative format of presentations, lab work, computer time, and the sharing of ideas.

Keynote Speaker:

Dr. Richard Kujawa

Professor of Geography, Saint Michael's College

Climate Change, Water and People: A Geographer's View

Additional presenters and workshop facilitators include:

Kara Lenorovitz, Science Teacher, Colchester High School

Walter Poleman, Director of PLACE Program, UVM

Lesley-Ann Dupigny-Giroux, State Climatologist, UVM

CBEI Partners and Alumni

Cost: \$20.00

Lunch: Registration fee covers lunch and materials

Visit the new ***Watershed Matters*** website for a complete agenda.

(www.lcbp.org/watershedmatters/pd_cbei.html)

To register, contact Colleen Hickey at chickey@lcbp.org or call (802) 372-3213.

For more information, contact Amy Demarest at ademarest@smcvt.edu



PRELIMINARY AGENDA

(subject to change)

- 8:30 – 9:00 Coffee and Snacks
- 9:00 – 9:15 Welcome
- 9:15 – 10:15 Introduction To Understanding Climate Change
Short (20 minutes) presentations on each of three pieces of understanding and teaching climate change: Science, Changes & Action
1. FOCUS: What science is important to know in order to understand climate change? Lesley-Ann Dupigny-Giroux, with two teachers.
 2. FOCUS: What are the changes that are taking place locally?
Walter Poleman will present a view of how the landscape is changing and what data his students are collecting to track these changes.
 3. FOCUS: What action can students (and communities) take to address climate change? Karin Ames and colleagues will present case studies of how young people can take action.
- 10:15 – 10:30 Break
- 10:30 – 11:30 Keynote by Richard Kujawa
Climate Change, Water and People: A Geographer's View
(45 minutes and 15 minute discussion)
- 11:30 – 12:15 Lunch (included)
- 12:30 – 1:15 “Wall Work” — Explore resources and talk with grade level colleagues about age-appropriate learning and action steps for your students.
- Google Mapping: An interactive, informal, “open space” Google Map session for all participants
- 1:20 – 2:40 Three Concurrent workshops
- A: Interactive Workshop: “TechNomads: Google Maps, landscape analysis & taking action” (ACTION). More in-depth mapping facilitated by Walter Poleman. (most suited for Grades 5-12)
 - B: Lab Exercise: “Amped Up: How feedback loops may amplify climate change” (SCIENCE). Facilitated by Kara Lenorovitz. (most suited for Grades 7-12)
 - C: Presentation: “Climate and Climate Change 101: Tools and understanding for integrating the atmosphere into the K-12 curriculum” (CHANGE). Facilitated by Lesley-Ann Dupigny-Giroux. (most suited for Grades 5-12)
- 2:45 – 3:00 Closing, evaluations, and feedback on climate change resources