

## Teaching About Climate Change: More Than Just Weather

*A professional development workshop for educators presented by The Kentucky Association for Environmental Education, Kentucky Environmental Education Council, and Kentucky Division for Air Quality*

This workshop will prepare you to bring the science of climate change into your classroom. You'll gain hands-on experience conducting simple classroom experiments and activities that illustrate the concepts of greenhouse gases and the carbon cycle, demonstrate sources of carbon in the atmosphere, and examine the impact of our personal choices on global climate. You'll learn how to create effective teaching materials that explore the latest scientific findings, teaching students how to interpret graphical data and draw their own conclusions. You'll also discover how to engage your students in the citizen science of "phenology" – the science of first appearances such as buds, blooms, and fruit – and discover how careful observation of the natural world can reveal insights into earth's changing climate patterns.

Activities in this workshop are best suited for middle and high school students but may be adapted for younger students.

### Instructors:

Roberta Burnes  
Environmental Education Specialist  
Kentucky Division for Air Quality  
Certified Environmental Educator

Elizabeth Schmitz  
Executive Director  
KY Environmental Education Association  
Certified Environmental Educator

**When:** Friday, April 29 from 9 a.m. – 4 p.m.

**Where:** West Kentucky 4-H Camp  
600 Camp Drive  
Dawson Springs, KY 42408  
270-797-8758

**Cost:** \$24 for **KAEE Members** \$32 for **non-members**  
(includes lunch and all workshop materials)

### Here's what you'll receive:

- CD-ROM, loaded with activities and graphics for use in the classroom
- *How We Know What We Know About Our Changing Climate: Scientists and Kids Explore Global Warming*, by Lynne Cherry and Gary Braasch
- *Teacher's Guide to How We Know What We Know About Our Changing Climate*
- Reusable shopping bag full of resources and goodies for your classroom

**Registration Deadline: April 15, 2011**

TO REGISTER: Go to [kaee.org](http://kaee.org) or call 800-928-0047 for more information.



DAQ Assistant Director Sean Alteri and teachers Laura Zimmerman and Lea Hammond examine climatological data during last year's workshop. Photo courtesy of Amy Wallot, KY Dept. of Education.