

Workshop program

9:15 Registration and coffee

9:45 Welcome and introduction
Nancy Vehrs, President

10:00 **Jerry Stenger**
Understanding Weather and Climate

How do you tell climate change from varying weather patterns? This talk will teach us which factors are important and what the indications are for past and future change.

11:00 Break

11:15 **Richard Primack**
Climate Change Comes to Thoreau's Concord

Richard Primack and his colleagues use Thoreau's records and other data sources to document the dramatically earlier flowering and leafing out times of plants, the earlier ice out at Walden Pond, and the more variable response of migratory birds. The talk will be supported by beautiful photos and numerous quotes from Thoreau.

12:15 Lunch on your own

1:00 **Kristina Anderson-Teixeira**
Forest-Climatic Interactions in an Era of Global Change

Forests play an important role in climate regulation and, in turn, are powerfully influenced by climate. This talk will focus on how, in the present era of global change, these interactions shape the future of both climate and forests.

2:15 **Carl Hershner**
Sea Level Rise Impacts on Virginia Coastal Habitats

This talk will briefly review the status of our understanding about sea level rise and the projections for future trends. Potential impacts on submerged aquatic vegetation, tidal wetlands, and coastal forests will be reviewed, and hypotheses about ecological consequences will be briefly discussed.

3:15 Closing Remarks

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The Speakers

Jerry Stenger is research coordinator for the University of Virginia's Climatology Office and a research scientist with UVA. The office researches the climate of Virginia, educates undergraduate and graduate students and answers many inquiries about weather from a variety of constituents.

Richard Primack is currently a Professor of Biology at Boston University. The impact of climate change on plants and animals is his primary area of interest. Other studies include timing of leaf emergence and senescence, rare plants, tropical forests and conservation biology. With colleagues he is investigating the impact of climate change on plants, insects and birds in Massachusetts, Japan and South Korea. He is Editor-in-chief of the journal Biological Conservation.

Kristina Anderson-Teixeira is a forest ecologist at the Smithsonian Institution (Smithsonian Conservation Biology Institute and Smithsonian Tropical Research Institute), where she leads the Ecosystems and Climate Initiative for a global network of long-term forest research sites (CTFS-ForestGEO). Her research focuses on understanding forest responses and feedbacks to climate change.

Carl Hershner is Director of the Center for Coastal Resources Management at the Virginia Institute of Marine Science of the College of William and Mary. His research interests include tidal and nontidal wetlands ecology, landscape ecology and resource management and policy. Current projects include studies of the structure and function of coastal plain wetlands, watershed management in the York River Basin, and shoreline management policy. He serves as an advisor for organizations that focus on these subjects.

Registration Form

Please register before February 24

Name _____

E-mail _____

Cell phone _____

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Address _____

City, State, Zip _____

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_____ \$50 members

_____ \$80 non-members,

_____ includes membership

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400 Blandly Farm Lane, #2
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Questions?

vnpsoc@shentel.net

540-837-1600 (office)

703-434-0009 (day of event)

