Workshop Objectives: To enhance undergraduate climate change education by: 1) identifying shared challenges in teaching climate change to undergraduates and 2) beginning to identify tactics and resources available to instructors for addressing these challenges.

Who Should Attend? Rutgers Faculty, Staff, Post-Docs, and Graduate Students Who Teach or Will Teach Climate Change

What to Bring: Attendees should bring notes or a class lesson plan for one class that they will work from during the interactive sessions.

AGENDA

10:00 AM  Welcome
Tony Broccoli, Professor, Department of Environmental Sciences
Co-Director Rutgers Climate Institute

10:15 – 10:45 AM  Evidence-Based Teaching About Climate Change: Just The Facts or Thinking Like Natural and Social Scientists
Diane Ebert-May, Professor, Department of Plant Biology, Michigan State University

10:45 – 11:00 AM  Reviewing Our Learning Objectives
Interactive Session Led by Professor Ebert-May

11:00 – 11:45 AM  Assessing Our Students Learning About Climate Change
Interactive Session Led By Professor Ebert-May

11:45 -12:15 PM  Campus Resources
Monica Devanas, Director of Faculty Development and Assessment Programs
Center for the Advancement of Teaching
Roger Liu, Rutgers Learning Center, Learning Assistant Program Administrator

12:15 - 1 PM  Lunch and Brain Bending
Rachael Shwom, Assistant Professor, Department of Human Ecology
1:00 – 1:10 PM    What We Know About Rutgers Students and Science Learning

Rebecca Jordan, Associate Professor, Departments of Human Ecology and Ecology, Evolution and Natural Resources

1:10 – 2:10 PM   Student Centered Climate Lesson Development

Interactive Session Led By Professor Ebert-May

2:10 – 3:00 PM  Issues/Roadblocks Encountered

3:00 - 3:15 PM    Next Steps

Rachael Shwom, Rebecca Jordan, Marjorie Kaplan

Many thanks to our Planning Committee

Rebecca Jordan, Associate Professor, Dept of Ecology, Evolution and Natural Resources and Dept of Human Ecology
Rachael Shwom, Assistant Professor, Department of Human Ecology
Marjorie Kaplan, Associate Director, Rutgers Climate Institute
Alan Goldman, Professor, Department of Chemistry and Chemical Biology
Robert Kopp, Assistant Professor, Department of Earth and Planetary Sciences
Ben Lintner, Assistant Professor, Department of Environmental Sciences
Melanie McDermott, Assistant Research Professor, Department of Human Ecology
Pam McElwee, Assistant Professor, Department of Human Ecology
Jim Miller, Professor, Institute of Marine and Coastal Sciences
Asa Rennermalm, Assistant Professor, Department of Geography