

Schedule

Tuesday, September 11

4:00-5:00 Keynote Lecture "*Climate Change and Food Security*": David Battisti (UW)

Evening Session, CO2

7:30-8:15 Ken Caldeira (Carnegie Institution): *Ocean acidification from modern fossil-fuel burning in the context of geologic time*

8:15-8:30 Break

8:30-9:30 Joan Kleypas (NCAR): *Coral Reefs and the Carbon Cycle*

Wednesday, September 12

Morning Session: Biogenic Gases

9:00-10:00 Bill Reeburgh (UC Irvine) *Atmospheric Methane: How well can we apportion present sources and predict future changes?*

10:00-10:30 Break

10:30-11:30 Becky Alexander (UW): *Links between reactive gases, aerosol particles, and the climate system*

11:30-12:00 DISCUSSION

After Lunch, PCC and the Year Ahead

13:00-14:00 Luanne Thompson (UW, PCC Interim Director)

14:00-14:30 Assistance available for adding you, your course information, and more to the new PCC website.

Evening Session, Ecosystem Impacts

19:00-20:00 Ken Denman (IOS) '*Climate change and marine ecosystems: feedbacks and impacts*'

20:00-20:20 Break

20:20-21:20 Scott Saleska (Arizona) *Climate Impacts Ecosystems, Ecosystems Impact Climate: carbon cycle-climate feedbacks from the Rocky Mountains to the Amazon*>

Thursday, September 13

Morning Session, Global Models

9:00-9:45 Josh Tewksbury (UW) *Mapping the impact of rising temperatures on terrestrial ectotherms: Trouble in the tropics?*

9:45-10:15 Break

10:15-11:00: Gordon Bonan (NCAR) *"Terrestrial ecosystem forcings and feedbacks in the climate system."*