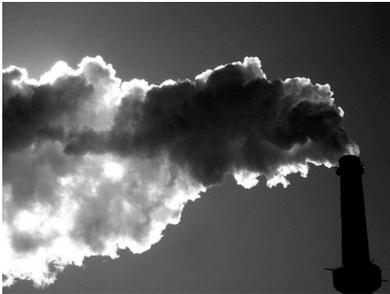
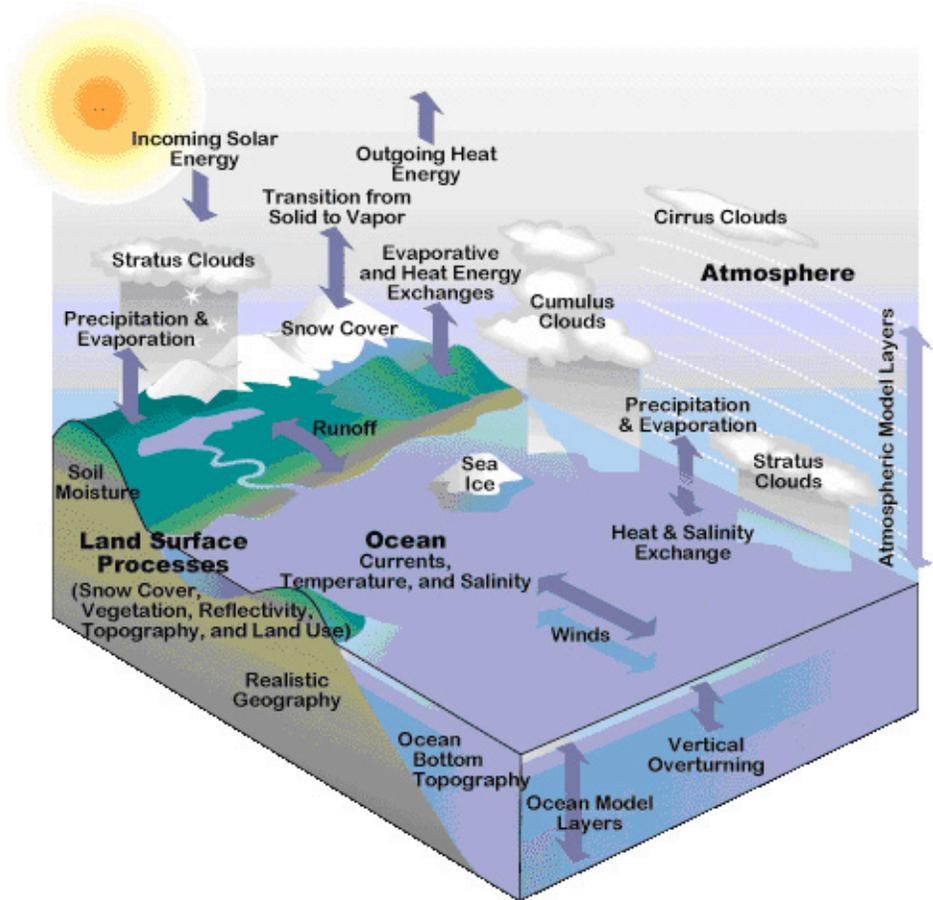


CLIMATE MODELING

Spring 2010



Edwin Gerber



Adv. Topics in Applied Math G63.2840 Tues. 9:30-11:20 Warren Weaver 517

Copenhagen. Climate Gate. An Inconvenient Truth or the Greatest hoax ever perpetrated on the American people.

Amidst the shouting over climate change and what action should be taken about it, this course seeks to focus in on the science of climate prediction. We will work our way through the components of state-of-the-art climate models, endeavoring to understand, or at least appreciate, the science and approximations that lie behind predictions of future climate change.

The course will proceed in seminar format. Participants will be expected to read background material on climate models and complete a research oriented project, running and/or analyzing the output from an IPCC class climate model!

No experience in climate modeling required, but a basic knowledge of fluid dynamics and physics will help.