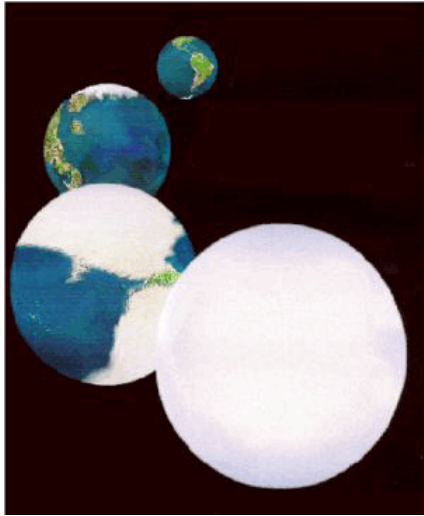
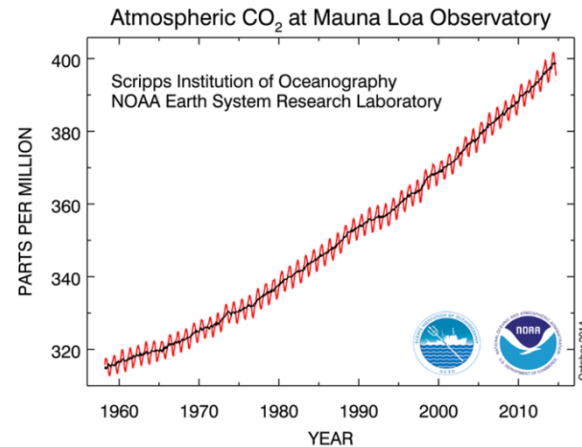


Global Climate Change

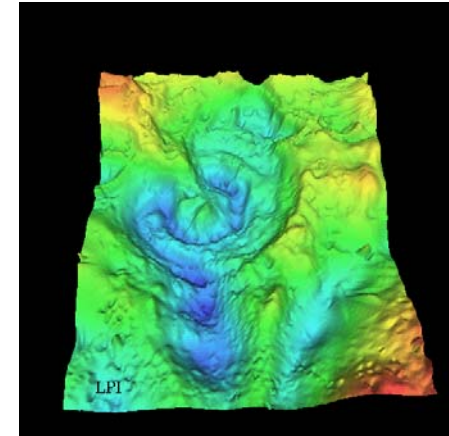


"Snowball Earth" episode
(700 million years ago).

Spring 2017



Current growth of CO₂ in the atmosphere.

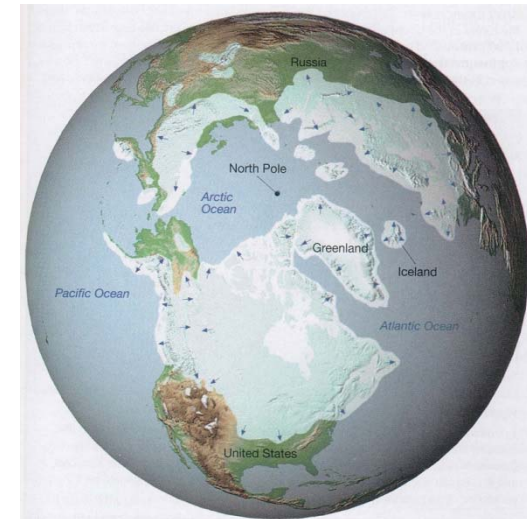


The magnetic field anomaly produced
by the crater of the end-Cretaceous
asteroid impact off Yucatan.

This course surveys the natural factors that cause Earth's climate to change, as well as the anthropogenic impacts that our activities produce. Topics include: how scientists study climate, the evidence for climate change, causes of climate change, ecosystem response to climate change, and the impacts of climate change on humans and culture. We will also discuss how human-produced climate changes can be distinguished from a background of natural climate trends.

This course is elemental for understanding the history of climate change on our planet.

GEOG 3210/5210 Tuesday & Thursday 2:00-3:20 PM



Earth's cryosphere during the last glacial
maximum (15,000 years ago).