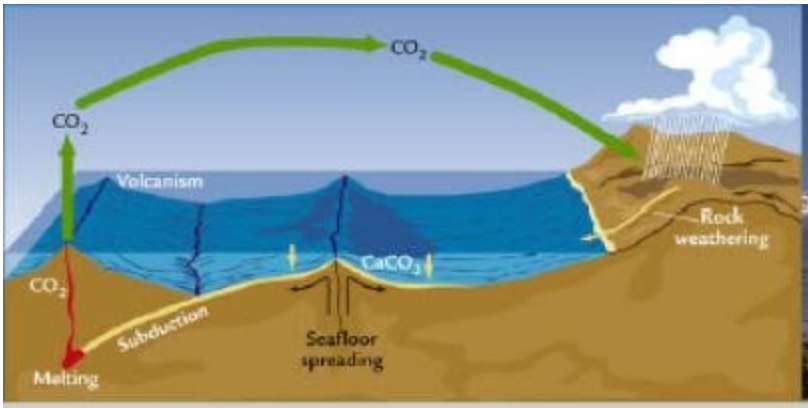


EARTH'S CLIMATE: PAST AND FUTURE

GEOG/EARTHSC 4911

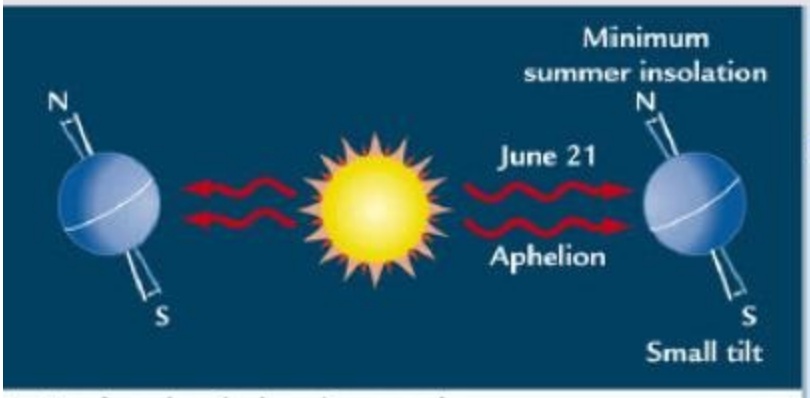
This class will examine Earth's climate and its natural development as understood from the geologic record spanning the full history of the planet, as well as how the future climate is likely to evolve.
Only by understanding the mechanisms controlling Earth's climate over millions of years – plate tectonic cycles, solar cycles, biogeochemical cycles - can we fully grasp the ways in which human activity now dominates the changes to climate.

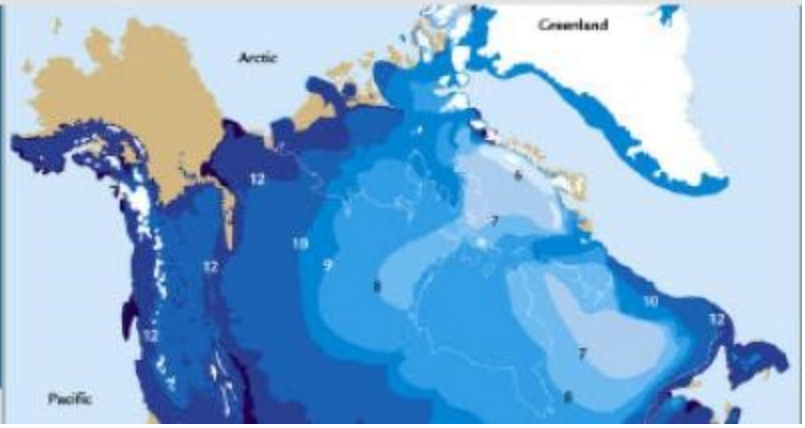
Instructors: Bryan Mark & Matthew Saltzman

Lecture: Tuesday & Thursday 12:45-2:05

Prerequisite: Intro to Climate Change course: either ES/EEOB/HIST 1911, GEOG 3900, or 3901H.

This course is a major elective in Earth Sciences and Geography.
Geography: An elective in all degree programs
Earth Sciences: A Sustainability Science elective in all degree programs or as a Climate elective in the Climate, Water and Environment subprogram.





A Northern hemisphere ice growth