

# Climate Change is Inescapable

Now engineers, natural scientists, social scientists, planners, architects, leaders, journalists and others will all need to understand climate change to do their jobs.

# Climate Change is Multidisciplinary

Physics, math, chemistry, Earth science, biology, computer science, civil engineering, environmental science, geographical information, urban planning, economics, anthropology, communication...

**Learn About Climate Change with AOES**  
(Atmospheric, Oceanic, & Earth Science Dept.)

# CLIM 690 Scientific Basis of Climate Change

Barry Klinger ([bklinger@gmu.edu](mailto:bklinger@gmu.edu)), Wed., 4:30-7:10, Spring 2022

A rigorous treatment of global warming, especially with regard to anthropogenic causes, based on the IPCC Assessment report "The Physical Science Basis". Topics include (1) Overview of observed climate, (2) Variability of climate, (3) Modeling of climate response to greenhouse gas forcing, (4) Greenhouse gases, chemistry, and aerosols, and (5) Projections of climate change and its societal impact.

Overview of causes, behavior, and impacts of anthropogenic climate change; designed for a broad range of graduate students in natural science, math, engineering, & social science.

<http://mason.gmu.edu/~bklinger/clim690home.html>

