

Course Number

GEO-209-01

Course Description

Climate is fundamentally relevant to modern and ancient societies. Global warming is occurring today, and whether it is driven by human activities (e.g., CO<sub>2</sub>, CH<sub>4</sub> emissions) or by natural climate cycles can only be determined by understanding natural climatic variability. Fortunately, there are many tools, and natural climatic records, which can provide us with information on past climate (e.g. tree rings, ice cores from glaciers, and sediment cores from lakes and oceans). Obtaining, documenting and interpreting these records is the field of paleoclimatology, and it is the focus of this course. Past climate variability is used to highlight possible scenarios of future climate change.

Academic Term

20/FA

Instructor

Rodbell, Donald

Location & Meeting Time

Synchronous Online-ONLI M/W/F 12:20PM-01:25PM LEC

Petition

Y

Credits

1.00

Capacity

11

Total Students

8

Additional Information

<http://www.union.edu/Geology>

Interdisciplinary Programs

Environmental Science & Policy

Academic Department

Geology

Field Of Study

Geology (GEO)