Ohio State University

Ohio State University has been a UCAR member since 1972. Doctoral degrees granted in the Atmospheric Sciences Program cover atmospheric, oceanic or related areas. Research and studies in climatology and climate change are done in the Department of Geography; those in paleoclimatology or glaciology are done in the School of Earth Sciences or at the Byrd Polar Research Center. The university has been supportive of the Atmospheric Sciences Program through the targeted funding of a focus on Climate, Water, and Carbon and through hiring that has increased the core faculty in Atmospheric Sciences to a total of nine.

Atmospheric Sciences offers PhD and MS degrees; Geography offers PhD and MS degrees for students in Climatology. There is a BS major in Geography for undergraduates in an Atmospheric Sciences and Climate Studies track. There are 6 doctoral students and 65 undergraduates working toward degrees in atmospheric sciences. Over the last five years, degrees in atmospheric sciences were PhD (10), MS (14), and BS (77).

Among the research facilities are access to the Ohio Supercomputer. There is a Meteorology Club that organizes and Ohio Severe Weather Symposium each spring and interaction with the local National Weather Service Forecast Office that offers opportunities to students interested in forecasting. The targeted support of the Climate, Weather, Carbon area is intended to provide resources for research for young faculty and for doctoral student support. New graduate level classes are planned.

Faculty conduct research in polar meteorology, climate change, paleoclimatology, synoptic climatology, tropical meteorology, and boundary layer meteorology. Two faculty have research collaborations with colleagues at NCAR.

The UCAR Membership Committee concludes that the membership criteria are fulfilled, and recommends to the Members’ Representatives that the membership of the Ohio State University be continued as stated in the bylaws.