

DEPARTMENT OF ATMOSPHERIC, OCEANIC AND EARTH SCIENCES

Phone: 703-993-5394
Website: aoes.gmu.edu

Scientists and students in the Department of Atmospheric, Oceanic, and Earth Sciences (AOES) are working to better understand our planet in myriad ways, from improving numerical model predictions of next year's atmospheric temperature to explaining geological strata laid down in previous eras, from monitoring water transport through the atmosphere to modeling water movement at the bottom of the ocean.

AOES is home to active research programs and to a doctoral program in Climate Dynamics, a master's degree in Earth Systems Science, undergraduate degrees in Atmospheric Science, Earth Science, and Geology, and undergraduate minors in Atmospheric Science, Earth Science, Ocean and Estuarine Science, and Paleontology. The department has close ties to the Center for Ocean-Land-Atmosphere Studies (COLA) (<http://cola.gmu.edu>).

- Geology Minor
- Geology, BA
- Ocean and Estuarine Science Minor
- Paleontology Minor

Faculty

Department Faculty

Professors

DelSole, Dirmeyer, Hazen (Robinson Professor), Hinnov, Huang, Kinter (chair), Nord, Schneider, J. Shukla, Straus, Verardo

Associate Professors

Anders, Boybeyi, Chiu, Klinger, Kysar-Mattietti, McBride, Stan, Uhen (associate chair)

Assistant Professors

Baddouh, Burls, Pegion

Research Faculty

Adams, Altshuler, Buckley, Cash, Chen, Doty, Erfani, Fennessy, Guo, Hao, Krishnamurthy, Manganello, Marx, Paolino, Shin, R. Shukla, Swenson, Trenary

Affiliate Faculty

Houser, Light, Lukes, Summers

Emeriti

Diecchio, Schopf

Programs

- Atmospheric Science Minor
- Atmospheric Sciences, BS
- Climate Dynamics, PhD
- Climate Science, MS (pending SCHEV approval)
- Earth Science Minor
- Earth Science, BS
- Earth Systems Science, MS (AOES)