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).

**Faculty**

**Department Faculty**

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

**Associate Professors**
Boybeyi, Chiu, Klinger, McBride, Stan, Uhen (associate chair)

**Assistant Professors**
Burls, Pegion

**Term Professors**
Nord, Verardo

**Term Associate Professors**
Anders

**Term Assistant Professors**
Hutsky, Kysar-Mattietti

**Research Faculty**
Adams, Altschuler, Bombardi, Borah, Buckley, Cash, Chen, Doty, Erfani, Fennessy, Guo, Hao, Jenkins, Krishnamurthy, Manganello, Marx, Paolino, Selman, Shin, R. Shukla, Swenson, Trenary

**Affiliate Faculty**
Houser, Light, Lukes, Summers

**Emeriti**
Diecchio, Schopf

**Programs**

- Atmospheric Science Minor
- Atmospheric Sciences, BS
- Climate Dynamics, PhD
- Earth Science Minor
- Earth Science, BS
- Earth Systems Science, MS (AOES)
- Geology Minor
- Geology, BA
- Ocean and Estuarine Science Minor
- Paleontology Minor