The Department of Geological and Atmospheric Sciences offers graduate programs in Geology, Meteorology, and Earth Science. More information about the application process is available on the departmental website (https://ge-at.iastate.edu/). Faculty within the department are currently recruiting graduate students for the following positions.

**Biogeochemistry**
Dr. Betsy Swanner (eswanner@iastate.edu) is recruiting a student (preference for PhD over MS) to the Geology program to investigate metals and their isotopes as redox proxies in stratified lakes. A valid driver’s license is required. Funded by research and teaching assistantships. Students can apply for Spring, Summer, or Fall 2023 admission. [https://geobiochem.ge-at.iastate.edu/](https://geobiochem.ge-at.iastate.edu/)

**Climate Modeling**
Dr. Bill Gutowski (gutowski@iastate.edu) is not currently recruiting any students.

**Earth History**
Dr. Ben Johnson (bwj@iastate.edu) is recruiting a MS or PhD student in the Geology program to study nitrogen cycling at subduction zones, and how it relates to the atmosphere through time. A pending grant would provide a research assistantship for this project, which would also be supported by a teaching assistantship. Students should apply for Fall 2023 admission. [https://www.benwjohnson.com/](https://www.benwjohnson.com/)

**Earth Systems Science Education**
Dr. Cinzia Cervato (cinzia@iastate.edu) is not currently recruiting any students. [https://faculty.sites.iastate.edu/cinzia/](https://faculty.sites.iastate.edu/cinzia/)

**Economic Geology**
Dr. Paul Spry (pgspry@iastate.edu) is not currently recruiting any students.

**Extreme Weather and Climate Variability**
Prof. Christina Patricola (cmp28@iastate.edu) is seeking an MS and/or PhD student to investigate the large-scale drivers, local-scale processes, and coupled feedbacks that determine variability and change in extreme weather events (such as tropical cyclones) using global and/or regional climate models and observations. Applicants should apply to the Meteorology program for Fall 2023. These positions will be funded by research and teaching assistantships. [https://faculty.sites.iastate.edu/cmp28/](https://faculty.sites.iastate.edu/cmp28/)

**Geophysics and Seismology**
Dr. Igor Beresnev (beresnev@iastate.edu) is recruiting a MS student to the Geology program for Fall 2023. This project would investigate earthquake-source properties and numerical
simulations of earthquake ground motions for seismic-hazard assessment. Pending a grant application, this position would be funded by a research assistantship. 
https://faculty.sites.iastate.edu/beresnev/

**Glacial Geomorphology**  
Dr. Neal Iverson (niverson@iastate.edu) is recruiting a MS or PhD student to the Geology program to conduct experiments relevant to ice rheology or permeability and characterize ice microstructure. This position is funded by research and teaching assistantships. Students can apply for Spring, Summer, or Fall 2023 admission.  
https://ge-at.iastate.edu/directory/Neal-Iverson/

**Human-Computer Interactions**  
Dr. Chris Harding (charding@iastate.edu) is not currently recruiting any students.

**Land-Atmosphere Interactions**  
Dr. Ian Williams (inw@iastate.edu) is not currently recruiting any students.  
https://faculty.sites.iastate.edu/inw/

**Numerical Modeling**  
Dr. Xiaoqing Wu (wuxq@iastate.edu) is not currently recruiting any students.  
http://www.public.iastate.edu/~wuxq/homepage.html

**Paleoclimatology**  
Dr. Al Wanamaker (adw@iastate.edu) is not currently recruiting any students.  
https://siperg.las.iastate.edu/

**Structural Geology**  
Dr. Jacqueline Reber (jreber@iastate.edu) is recruiting an MS student in Geology for Fall 2023. A successful candidate should have strong interests in lab work and/or programming. The project deals with acoustic emissions of brittle failure during deformation of two-phase materials and its application to earthquake hazards. This position will be funded by a teaching assistantship and a research assistantship pending grant funding.  
https://structure.ge-at.iastate.edu/

**Surface Water Hydrology**  
Dr. Kristie Franz (kfranz@iastate.edu) is recruiting an MS or PhD student in the Geology program for Fall 2023. The position would be funded by a teaching assistantship.  
https://faculty.sites.iastate.edu/kfranz/projects

**Synoptic and Mesoscale Meteorology**  
Dr. Bill Gallus (wgallus@iastate.edu) is not currently recruiting any students.  
https://faculty.sites.iastate.edu/wgallus/project/improved-understanding-nocturnal-mesoscale-convective-system-evolution
Urbanization
Dr. Yuyu Zhou (yuyuzhou@iastate.edu) is recruiting 2 PhD students in the Geology program for Spring 2023. The projects are investigating the urban thermal environment and heat exposure. The positions would be funded by a combination of research and teaching assistantships. https://faculty.sites.iastate.edu/yuyuzhou/