

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 not recruiting any students for Spring 2022.
<https://geobiochem.ge-at.iastate.edu/>

Climate Modeling

Dr. Bill Gutowski (gutowski@iastate.edu) is not recruiting any students for Spring 2022.

Dynamic Meteorology

Dr. Alex Gonzalez (agon@iastate.edu) is not recruiting any students for Spring 2022.
<https://tad.ge-at.iastate.edu/>

Earth History

Dr. Ben Johnson (bwj@iastate.edu) is recruiting a PhD student to study the oxygen isotope history of seawater and continental emergence, supported by a teaching assistantship. He is also recruiting an MS or PhD student to investigate nutrient cycling during Paleozoic glaciations using nitrogen, carbon, and sulfur isotopes. Pending funding, this position would be a research assistantship, and would involve fieldwork in Australia. <https://www.benjohnson.com/>

Economic Geology

Dr. Paul Spry is not currently recruiting any students.

Extreme Weather and Climate Variability

Prof. Christina Patricola (cmp28@iastate.edu) is seeking multiple PhD and MS students to investigate the large-scale drivers, local-scale processes, and coupled feedbacks that determine variability and change in tropical cyclone activity using global and/or regional climate models and observations. These positions will be funded by research assistantships. <https://faculty.sites.iastate.edu/cmp28/>

Geophysics and Seismology

Dr. Igor Beresnev (beresnev@iastate.edu) is recruiting a MS or PhD student to investigate to investigate earthquake-source properties using strong-motion data and numerically simulate earthquake radiation for seismic-hazard assessment. This position is funded by a teaching assistantship.

<https://faculty.sites.iastate.edu/beresnev/>

Glacial Geomorphology

Dr. Neal Iverson (niverson@iastate.edu) is recruiting a MS or PhD student for field and laboratory studies of glacier sliding. This position is funded by research and teaching assistantships. [https://ge-](https://ge-at.iastate.edu/directory/neal-iverson/)

[at.iastate.edu/directory/neal-iverson/](https://ge-at.iastate.edu/directory/neal-iverson/)

Hydrogeology

Dr. Bill Simpkins is not currently recruiting any students.

Land-Atmosphere Interactions

Dr. Ian Williams (inw@iastate.edu) is not recruiting any students for Spring 2022.

<https://faculty.sites.iastate.edu/inw/>

Paleoclimatology

Dr. Al Wanamaker (adw@iastate.edu) is not recruiting any students for Spring 2022.

<https://siperg.las.iastate.edu/>

Structural Geology

Dr. Jacqueline Reber (jreber@iastate.edu) is recruiting a MS or PhD student to work on physical experiments in structural geology. The project will focus on the impact of cohesion in a granular system on force distribution. The start date for this position can be either January or August 2022. This position will be funded by research and teaching assistantships. <https://structure.ge-at.iastate.edu/>

Surface Water Hydrology

Dr. Kristie Franz (kfranz@iastate.edu) is not recruiting any students for Spring 2022.

<https://faculty.sites.iastate.edu/kfranz/projects>

Synoptic and Mesoscale Meteorology

Dr. Bill Gallus (wgallus@iastate.edu) is recruiting 2 PhD students to investigate reasons for common errors in simulation of convective morphology, testing sensitivity to microphysics, and using both WRF and FV3 models, with some idealized CM1 simulations. These positions are funded by research assistantships. <https://faculty.sites.iastate.edu/wgallus/project/improved-understanding-nocturnal-mesoscale-convective-system-evolution>