

GRADUATE PROGRAM IN EARTH SURFACE SYSTEMS

A joint group researching cutting-edge topics in Physical Geography and Earth Sciences



A new program has been launched in the College of Arts & Sciences at the University of Kentucky!

The joint graduate program in Earth Surface Systems (ESS) is operated by the Departments of Earth & Environmental Sciences and Geography. We invite applications from students interested in pursuing M.A., M.S., or Ph.D. degrees in Geography or Geological Sciences, with an emphasis in geomorphology, hydrology, environmental geology, landscape ecology, landscape geochemistry, biogeography, climatology, pedology, or environmental management.

Graduate students are funded (on a competitive basis) by Teaching or Research Assistantships. Interested students are encouraged to contact individual ESS faculty for more information, or any of the Executive Committee members listed below.

Seminar and course topics:

- Coevolution of ecosystems, climates, soils, and landforms
- Biological weathering /Bioturbation
- Fluvial, coastal, and forest biogeomorphology
- Hydrology/Surficial processes
- Sedimentary geology and environmental geochemistry
- Palaeoclimatology/Stable isotopes

Research-focused community:

- Faculty and graduate students interested in physical geography and Earth sciences
- Weekly meetings to discuss current articles, present research, and brainstorm
- Collaboration with colleagues in forestry, engineering, biology, agriculture, and beyond

- Visit our website at <https://www.as.uky.edu/ess>
- Email to the Executive Committee members
 - Dr. Daehyun Kim (biogeokim@uky.edu)
 - Dr. Jonathan D. Phillips (jdp@uky.edu)
 - Dr. Kevin M. Yeager (kevin.yeager@uky.edu)

