

# DEPARTMENT OF EARTH, ENVIRONMENTAL AND GEOSPATIAL SCIENCE

Saint Louis University's Department of Earth, Environmental and Geospatial Science offers a range of undergraduate and graduate programs in environmental science, environmental studies, geology, geophysics and meteorology.

The SLU department has a tradition of combining strong classroom and field-based instruction with internationally recognized research across a broad spectrum of the physical sciences, including seismology and solid earth geophysics, tectonics, synoptic meteorology, environmental systems and the study of modern and ancient climate change.

## Programs Undergraduate

- Environmental Science, B.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-environmental-geospatial-sciences/environmental-science-bs/>)
- Environmental Science, Minor (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-environmental-geospatial-sciences/environmental-science-minor/>)
- Environmental Studies, B.A. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-environmental-geospatial-sciences/environmental-studies-ba/>)
- Geographic Information Systems, Certificate (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-environmental-geospatial-sciences/geographic-information-systems-certificate/>)
- Geoinformatics and Geospatial Analytics, B.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-environmental-geospatial-sciences/geoinformatics-geospatial-analytics-bs/>)
- Meteorology, B.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-environmental-geospatial-sciences/meteorology-bs/>)
- Meteorology, Minor (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-environmental-geospatial-sciences/meteorology-minor/>)

## Graduate

- Geographic Information Science, M.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-environmental-geospatial-sciences/geographic-information-science-ms/>)
- Geographic Information Science, Post-Baccalaureate Certificate (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-environmental-geospatial-sciences/geographic-information-science-post-baccalaureate-certificate/>)
- Geoinformatics and Geospatial Analytics, Ph.D. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-environmental-geospatial-sciences/geoinformatics-geospatial-analytics-phd/>)
- Geoscience, M.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-environmental-geospatial-sciences/geoscience-ms/>)

- Geoscience, Ph.D. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-environmental-geospatial-sciences/geoscience-phd/>)
- Meteorology, M.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-environmental-geospatial-sciences/meteorology-ms/>)
- Meteorology, Ph.D. (<https://catalog.slu.edu/colleges-schools/science-engineering/earth-environmental-geospatial-sciences/meteorology-phd/>)

## Faculty Leadership

Linda M. Warren, Ph.D.

*Department chair*

Elizabeth A. Hasenmueller, Ph.D.

*Associate chair*

## Faculty

Orhun Aydin, Ph.D.

Karl Chauff, Ph.D.

Sarah Coffin, Ph.D.

David Crossley, Ph.D., emeritus

William Dannevik, Ph.D., emeritus

Benjamin de Foy, Ph.D.

John Encarnacion, Ph.D.

Jack Fishman, Ph.D.

Charles Graves, Ph.D.

Daniel Hanes, Ph.D.

Elizabeth Hasenmueller, Ph.D.

Robert Herrmann, Ph.D., emeritus

Robert Lewis, M.S.

Zaitao Pan, Ph.D.

Robert Pasken, Ph.D.

Vasit Sagan, Ph.D.

Bo Wang, Ph.D.

Linda Warren, Ph.D.

Jian Yao, Ph.D.

Lupei Zhu, Ph.D.