Large Lakes Observatory
www.d.umn.edu/llo

An interdisciplinarian institute dedicated to the study of the world's large lakes.

M.S. and Ph.D. degrees through cooperative programs with Geology, Physics, Chemistry, and Water Resource Sciences (Twin Cities & Duluth Campuses)

Questions? Please contact Steve Colman at: scolman@d.umn.edu

UMD Geological Sciences
www.d.umn.edu/geology
M.S. & Ph.D. research

- Paleoclimatology
- Aquatic chemistry
- Physical limnology
- Plankton dynamics
- Sedimentary processes in large lakes
- Stable isotope geochemistry
- Geophysics & acoustic remote sensing
- Trace metal & nutrient cycling
- Organic & isotope biogeochemistry
- Geomicrobiology & microbial geochemistry

Questions? Please contact: geol.d.umn.edu

Research Areas:

- Climate change & paleoclimate
- Economic geology & ore deposits
- Geochemistry & isotope geochemistry
- Glacial geology & geomorphology
- Igneous & metamorphic petrology
- Limnogeology
- Planetary geology & remote sensing
- Sedimentology, basin analysis & basin modeling
- Seismology & acoustic geophysics