University of Minnesota Duluth

Large Lakes Observatory

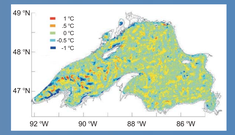
Large Lakes Observatory

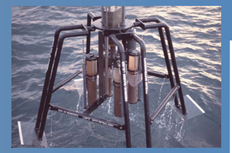
www.d.umn.edu/llo

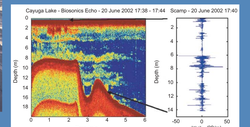
An interdisciplinary institute dedicated to the study of the world's large lakes

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

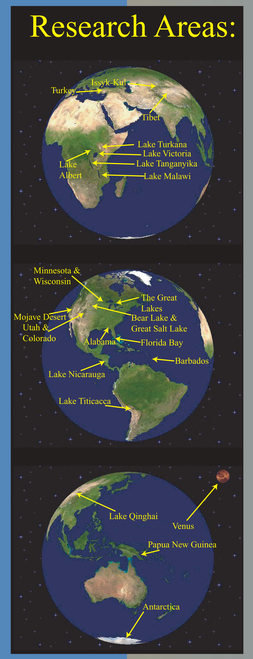
- Paleoclimatology
- Aquatic chemistry
- Physical limnology
- Plankton dynamics
- Sedimentary processes in large lakes
- Stable isotope geochemistry
- Geophysics & acoustic remote sensing
- Trace metal & nutrient cycling
- Organic & isotope biogeochemistry
- Geomicrobiology & microbial geochemistry







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

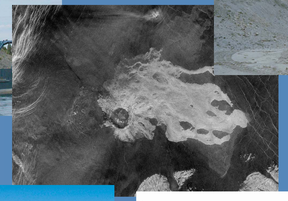


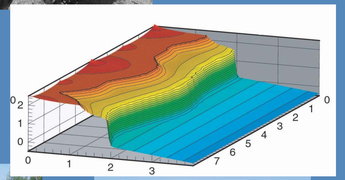
UMD Geological Sciences

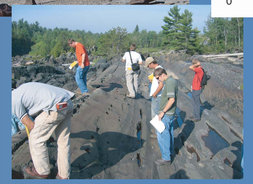
www.d.umn.edu/geology

M.S. & Ph.D. research

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







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