

From: Sarah J. Nelson
Subject: Graduate Assistantship - University of Maine, long-term lake geochemistry

The University of Maine's program in Ecology and Environmental Sciences (EES) invites applications for a full-time M.S. student beginning in Summer 2018. The position will be funded as research assistantship, with a 12-month stipend that is eligible for annual renewal based on satisfactory progress. Occasional teaching assistance to support environmental science courses will be expected. A tuition waiver and portion of health insurance are included.

Research will focus on sets of lakes that have been monitored long-term (many since the early 1980s) as part of US EPA's LTM Network

(https://urldefense.proofpoint.com/v2/url?u=http-3A__www.epa.gov_airmarkets_monitoring-2Dsurface-2Dwater-2Dchemistry&d=DwIF-g&c=Ngd-

[ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeaTyN59ZLoI&m=Mw-CTw_OmbXtFIpDKEZiOWD8ltF8M2Vq2tc6aqHCow&s=ppByrvb_1wzOtyL3K6TS6OccWQDA6KTzUjPK1YhjAgw&e=](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.epa.gov_airmarkets_monitoring-2Dsurface-2Dwater-2Dchemistry&d=DwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeaTyN59ZLoI&m=Mw-CTw_OmbXtFIpDKEZiOWD8ltF8M2Vq2tc6aqHCow&s=ppByrvb_1wzOtyL3K6TS6OccWQDA6KTzUjPK1YhjAgw&e=)) that is evaluating

response of surface waters to changes in atmospheric deposition, and more recently, changes in dissolved organic carbon (DOC), lake temperature profiles, extreme weather events, and other anthropogenic changes. The successful applicant will work with the existing long-term data, coordinate with relevant weather and/or land-use information, and be responsible for ongoing field sampling for Maine LTM lakes, with opportunities to expand data collection based on student interests.

See attached for details on how to apply.