



Graduate Research Assistantship in soils and geochemistry of the Critical Zone in Alaska

The University of Alaska Fairbanks is seeking a graduate research assistant (M.S.) to study mineral weathering, soil development, and clay mineralogy in forested ecosystems of the Alaskan coastal temperate rainforest. The study is part of a broader investigation of critical zone processes in southeast Alaska focused on the Heen Latinee Experimental Forest (<https://www.fs.fed.us/pnw/exforests/heen-latinee/>). This project is closely tied to studies of aquatic biogeochemistry investigating the generation of materials in terrestrial environments and their export to aquatic ecosystems. The research assistant will focus on soil pedology, soil geochemistry including solid and aqueous pools and fluxes, and rock and soil mineralogy. The project is based in Juneau, Alaska in close collaboration with the USDA Forest Service Pacific Northwest Research Station (PNWRS; www.fs.fed.us/pnw). The research assistant will work with faculty at the University of Alaska Fairbanks and scientists at PNWRS. Experience in soil science and chemistry is strongly desired for this position. The candidate's academic base will be in the Environmental Chemistry Program at the University of Alaska Fairbanks (<https://www.uaf.edu/chem/graduate/echem/>).

For more information please contact:

Dr. Tom Trainor
Environmental Chemistry
University of Alaska Fairbanks
907-474-5628
tptrainor@alaska.edu

Dr. David D'Amore
USDA Forest Service
Pacific Northwest Research Station
907-586-7955
ddamore@fs.fed.us