

## Groundwater transit time distributions: bridging the gap between advanced tracer techniques and numerical modeling

We are inviting applications for an NSF-funded Graduate Research Assistantship. You will work with a team of faculty and students to conduct field work in the Nebraska Sandhills, including sampling groundwater discharge to streams for analysis of groundwater age-dating tracers and water quality. You will also model the groundwater system that discharges to streams, compare model and tracer results, and integrate tracer data into model calibration. More information on this collaborative project can be found at: <https://go.unl.edu/gwtttd>.



Competitive candidates will have an MS focused on watershed or environmental science, hydrology, hydrogeology, or a related engineering field. Applicants with a strong background in either field work or modeling will be considered; a strong interest in both field and modeling components is required.

*Location:* University of Nebraska, Lincoln, NE

*Salary information:* Minimum of \$24,000/annually.

*Preferred start dates:* Fall 2018 or Spring (Jan) 2019.

*Degree Options:* PhD in [Natural Resources Science](#) or PhD in [Biological Engineering](#). Specializations in Hydrological Sciences, Agricultural & Biological Systems Engineering, Environmental Studies, or Water Resources Planning and Management are possible.

Position includes tuition remission for full-time status during fall, spring, and summer semesters for three years. Will be required to pay fees. Fee information for prospective graduate students can be found at:

<http://www.unl.edu/gradstudies/prospective/money>

Eligible for subsidized student health insurance. Information can be found at: <http://www.unl.edu/gradstudies/current/health>

### *About University of Nebraska-Lincoln:*

Potential students may opt for a degree from Biological Systems Engineering or the School of Natural Resources. The broad diversity of agricultural practices, climate, habitat, hydrology, soils, and near-surface and subsurface geology across Nebraska provides a multitude of opportunities for field study in each of these areas. Our excellent faculty conduct research throughout Nebraska, across the United States, and around the world.

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