

**Assistant/Associate Professor in Environmental Engineering**  
**Department of Civil, Construction and Environmental Engineering**  
**North Dakota State University**

**Position Description (Job ID: 2936550):**

The Department of Civil, Construction and Environmental Engineering (CCEE) at North Dakota State University (NDSU) invites applications for a tenure-track faculty position at the Assistant Professor level in Environmental Engineering effective fall 2022. Exceptional candidates with significant prior experience will also be considered for the rank of Associate Professor. Candidates are expected to engage in instruction of fundamental and advanced courses in the department's newly created undergraduate environmental engineering program; enhance the department's graduate curriculum; establish and maintain a nationally competitive funded research program; train M.S. and Ph.D. students; and actively engage in service and outreach to the profession, university, and state. We seek a candidate who will complement the expertise of current environmental/water resources faculty, expand opportunities for interdisciplinary collaboration, and bring a diverse perspective to the department. The preferred areas of expertise include water/wastewater engineering, pollutant fate and transport, environmental systems/water quality modeling, or sustainable engineering design.

**Minimum Qualifications:**

1. Ph.D. degree in Civil Engineering, Environmental Engineering, or a closely related engineering discipline or a B.S. in engineering with a Ph.D. in an interdisciplinary science area.
2. An earned doctorate by the time of appointment is required.
3. Excellent verbal and written communication skills.

**Preferred Qualifications:**

1. B.S. in engineering.
2. Demonstrated evidence of an externally funded research program or the evidence of the potential to establish an externally funded research program.
3. Preference will be given to candidates who are registered professional engineers or eligible to become registered within three years of appointment.
4. Evidence of ability to work in teams and collaborate with constituents beyond the department and college.

**Application Instructions:**

Interested candidates should submit an application package that includes a cover letter describing your background and how you would contribute to the research and teaching mission of the department, a curriculum vitae, statements of teaching and research philosophies, and names and contact information of at least three professional references at [Careers \(ndus.edu\)](https://careers.ndsu.edu). General correspondence regarding this position may be directed to [mijia.yang@ndsu.edu](mailto:mijia.yang@ndsu.edu), the search committee chair.

Review of applications for the position will begin on January 17, 2022 and continue until the position is filled. Applications received after January 17 will be considered at the discretion of the search committee. The anticipated start date for the position is fall 2022.

**About the Department and Environmental Engineering Programs:**

Environmental program strengths in the CCEE department are in environmental application of nanomaterials, groundwater sustainability, hydrology, micro-algal based bioproducts, municipal and small community-based water/wastewater treatment, nonpoint source pollution, surface water quality, and

advanced solid waste management. State-of-the-art laboratories for research and teaching include Environmental Engineering Labs, Advanced Solid Waste Management Lab, Environmental Nanotechnology Lab, Water Resources Engineering Lab, Fluid Mechanics Lab, Hydrologic Modeling Lab, Infrastructure Sensors Lab, the Advanced Material Lab, and Tissue Engineering Lab. Faculty also have access to campus wide core facilities.

The Department of CCEE is internationally renowned for teaching and research excellence. The successful candidate will join a 19-faculty member department dedicated to high-quality teaching, scholarship, and service. The Department offers bachelor's and master's degrees in civil engineering, environmental engineering, construction engineering, and construction management, and a doctorate degree in civil engineering. The Department has approximately 700 undergraduate students and 100 graduate students, including about 280 undergraduate students and more than 30 graduate students in construction management and engineering. More information about the CCEE Department can be found at [www.ndsu.edu/ccee](http://www.ndsu.edu/ccee).

### **About NDSU**

North Dakota State University is distinctive as a student focused, land-grant, research university. Our main campus is located in Fargo, ND with Extension Service and Research Experiment Station locations across the entire state. NDSU has been listed in the Top 100 public research universities in the United States for research and development in agricultural sciences, psychology and social sciences, based on reported research expenditures.

NDSU is an exciting place to work offering a stimulating and diverse environment richly populated with people pursuing life-long learning and personal growth. Employees often attend on-campus cultural events, lectures, athletic events and enjoy walks through our beautiful campus.

NDSU employs over 6000 full-time and part-time employees across the state, making it the second largest employer in the community. NDSU is the best college in ND, according to Money Magazine (September 2018). NDSU was named a 2019 Best Value College by Forbes. Fargo made Livability.com's top 10 list of cities to find a job and ranked at #11 for best places to live overall.

NDSU offers a wide array of professional opportunities including faculty, executive, managerial, professional, technical, paraprofessional, office support, servers and crafts/trades. Like a small city, NDSU operates 24 hours a day, seven days a week. Full time employees are offered a superb benefit package to include 100% company paid health insurance premiums and tuition assistance for employees and immediate family members. All of us at NDSU play an important role in serving our students and public constituencies. We encourage motivated and talented team members that thrive in a higher-ed environment to join our university!

### **EO/AA Statement:**

North Dakota State University is an Equal Opportunity employer and all qualified applicants will receive consideration for employment without regard to age, color, gender expression/identity, genetic information, marital status, national origin, participation in lawful off-campus activity, physical or mental disability, pregnancy, public assistance status, race, religion, sex, sexual orientation, spousal relationship to current employee, or veteran status, as applicable.

### **Veteran's Preference Notice:**

This position is subject to North Dakota Veteran's Preference requirements.