



# Assistant Professor of Soil Physics

<https://jobs.ndsu.edu/>  
Opening #1200370

Lead a dynamic research and teaching program in soil physics

**NDSU**

**NDSU** – a land grant university that has set enrollment records for 11 straight years.

**Agriculture** – leads the nation in production of over 10 crops; highly valued by NDSU and stakeholders as the economic driver of North Dakota's economy.

**Fargo, ND** – home of NDSU and the largest city in North Dakota. Located in the southeast corner of the state, Fargo boasts safe, clean neighborhoods, excellent schools, and diverse community activities. Fargo ranks high as one of the country's most livable cities.

## To apply

- Visit <https://jobs.ndsu.edu/>
- create an account
- search for opening #1200370
- create and submit your application when prompted

## Screening will begin

February 1, 2013

## Direct questions to:

Tom DeSutter  
Search Committee Chair  
701-231-8690  
[thomas.desutter@ndsu.edu](mailto:thomas.desutter@ndsu.edu)

North Dakota State University is an Equal Opportunity/  
Affirmative Action Employer

## Position Information

The Department of Soil Science within the School of Natural Resource Sciences at North Dakota State University is seeking an outstanding individual for a tenure-track position at the Assistant Professor level, in the area of soil physics. The successful candidate will join a School faculty whose areas focus on soil science, range science, entomology, and natural resources management.

### **This position includes, but is not limited to, the following responsibilities:**

- Conduct laboratory and field research in the area of soil physics
- Mentor graduate and undergraduate students
- Develop a nationally recognized research program
- Secure funding through external sources
- Serve on School, College, and University Committees

## Minimum Qualifications

- Ph.D. degree in soil science or closely related discipline with specialization in the area of soil physics
- Evidence of excellent research at the laboratory and field-scale levels
- Effective verbal and written communication skills
- Demonstrated publication record
- Evidence of excellent teaching
- Commitment to working with/teaching diverse groups including women and underrepresented American minorities
- Must have successfully completed Ph.D. requirements at the time of interview

## Preferred Qualifications

- Desire to aid in helping farmers and land managers of North Dakota maintain or improve soil resources, manage water in times of drought and excess precipitation, and potentially investigate the fate and transport of plant nutrients in natural and drained systems
- Expertise in the area of water, gas, and heat transfer and chemical transport in field and laboratory soils; desire to solve practical issues such as ameliorating soil salinity
- Evidence of successful grant writing
- Working directly with farmers and land managers
- Demonstrated experience working with/teaching diverse groups including women and underrepresented American minorities

County commissions, North Dakota State University and U.S. Department of Agriculture cooperating. North Dakota State University does not discriminate on the basis of age, color, disability, gender expression/identity, genetic information, marital status, national origin, public assistance status, sex, sexual orientation, status as a U.S. veteran, race or religion. Direct inquiries to the Vice President for Equity, Diversity and Global Outreach, 205 Old Main, (701) 231-7708.