

# Natural Resources Management

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## Department Information

- **Program Director:**  
Shawn DeKeyser, Ph.D.
- **Email:**  
Edward.Dekeyser@ndsu.edu
- **Department Location:**  
School of Natural Resource Sciences, Hultz 202
- **Department Phone:**  
(701) 231-5368
- **Department Web Site:**  
[www.ndsu.edu/snrs/](http://www.ndsu.edu/snrs/) (<http://www.ndsu.edu/snrs/>)
- **Application Deadline:**  
International applications are due May 1 for fall semester and August 1 for spring and summer semesters. Domestic applicants should apply at least one month prior to the start of classes.
- **Credential Offered:**  
Ph.D., M.S., M.N.R.M.
- **English Proficiency Requirements:**  
TOEFL iBT 71, IELTS 6; Duolingo 100

### **Adnan Akyuz, Ph.D.**

University of Missouri-Columbia, 1994

Research Area/Activity: Applied Climatology and Microclimatology/Climate Based Agricultural Management

### **Francis Casey, Ph.D.**

Iowa State University, 2000

Research Area/Activity: Field Oriented Soil Physics, Measurement and Prediction of Water Transfer and Chemical Transport Through Soil

### **Larry J. Cihacek, Ph.D.**

Iowa State University, 1979

Research Area/Activity: Erosion and Productivity Relationships, Conventional and Alternative Crop Management, Carbon Sequestration, Nutrient Management

### **Dennis Cooley, Ph.D.**

University of Rochester, 1995

Research Area/Activity: Ethics (Bioethics, Environmental, Agricultural, Business, Professional, and Theoretical)

### **Edward (Shawn) DeKeyser, Ph.D.**

North Dakota State University, 2000

Research Area/Activity: Wetland Ecology, Wetland Assessment and Monitoring, Invasive Species Ecology and Management, Native Prairie and Wetland Restoration

### **Tom DeSutter, Ph.D.**

Kansas State University, 2004

Research Area/Activity: Trace Elements, Land Application of Byproducts, Inorganic Soil Chemistry, Soil Environmental Condition

### **Paulo Flores, Ph.D.**

Federal University of Rio Grande do Sul, Brazil

Research Area/Activity: Precision Agriculture, Applications of UASs/Drones in Agriculture, UASs/Drone Imagery Analysis, GIS Applications for Precision Agriculture

### **Caley Gasch, Ph.D.**

University of Wyoming, 2013

Research Area/Activity: Soil Ecology, Restoration, Reclamation, Monitoring of Degraded Soils

### **Benjamin Geaumont, Ph.D.**

North Dakota State University, 2009

Research Area/Activity: Evaluation of Upland Bird Survival Habitat Use, Upland Game Species

### **Christina Hargiss, Ph.D.**

North Dakota State University, 2009

Research Area/Activity: Wetland Assessment, Water Quality, Water Use, and Urban Ecosystems

**Robert Hearne, Ph.D.**

University of Minnesota, 1995

Research Area/Activity: Water Resources Management Institutions, Water Markets, Protected Area Management, Economic Valuation of Environmental Goods and Services

**Torre Hovick, Ph.D.**

Oklahoma State University, 2014

Research Area/Activity: Global change, Avian Ecology, Fire Ecology, Rangeland Management

**Xinhua Jia, Ph.D.**

University of Arizona, 2004

Research Area/Activity: Soil and Water Engineering, Hydrology

**Chiwon W. Lee, Ph.D.**

Purdue University, 1977

Research Area/Activity: Greenhouse Production, Vegetable Culture & Breeding

**Zhulu Lin, Ph.D.**

University of Georgia, 2003

Research Area/Activity: Water and Soil Resources, Environmental Modeling

**Jack E. Norland, Ph.D.**

North Dakota State University, 2008

Research Area/Activity: Restoration Ecology, Application of Remote Sensing to Natural Resources Management, Study of Natural Resources Management Problems in a Socio-Ecological Setting Including Urban Systems

**Deirdre Prischmann-Voldseth, Ph.D.**

Washington State University, 2005

Research Area/Activity: Integrated Pest Management, Biological Control, Insect Ecology

**David A. Rider, Ph.D.**

Louisiana State University, 1988

Research Area/Activity: Insect Systematics

**David Ripplinger, Ph.D.**

North Dakota State University, 2012

Research Area/Activity: Bioproducts / Bioenergy Economics

**David Roberts, Ph.D.**

Oklahoma State University, 2009

Research Area/Activity: Agricultural Production Methods, Precision Agriculture Technologies, Biofuels Policy

**Kevin Sedivec, Ph.D.**

North Dakota State University, 1994

Research Area/Activity: Plant Community Ecology, Grazing and Wildlife Interaction, Reclamation of Energy Developed Lands, Range Nutrition, Range Monitoring

**Halis Simsek, Ph.D.**

North Dakota State University, 2012

Research Area/Activity: Water and Wastewater Treatment, Animal and Agricultural Waste Management

**Dean D. Steele, Ph.D.**

University of Minnesota, 1991

Research Area/Activity: Irrigation and Environmental Engineering

**Joseph D. Zeleznik, Ph.D.**

Michigan State University, 2001

Research Area/Activity: Dendrochronology of Ponderosa Pine and Bur Oak, Bur Oak Regeneration, Riparian Forest Restoration