

Natural Resources Management

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/>)
- **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., MNRM
- **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

Amitava Chatterjee, Ph.D.

University of Wyoming, 2007

Research Area/Activity: Soil Fertility Management, Greenhouse Gas Emissions

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

Wei Lin, Ph.D.

University of Buffalo, 1992

Research Area/Activity: Kinetic studies of physic-chemical and biological processes, Contaminant absorption during water and wastewater treatment, Impact of temperature on nitrification in wastewater treatment, River and lake water quality and non-point source pollution

Zhulu Lin, Ph.D.

University of Georgia, 2003

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

Mark Andrew Meister, Ph.D.

University of Nebraska, 1997

Research Area/Activity: Environment, Rhetoric, Weather, Farming, Food

Devan McGranahan, Ph.D.

Iowa State University, 2011

Research Area/Activity: Fire behavior and ecology, plant community ecology, fire and grazing management, and effects of global environmental change in rangeland ecosystems worldwide

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