The Climate Assessment and Impacts specialization provides students with unique opportunities to emphasize:

1. Learning methodologies to assess climate variability and change and their impacts on society and natural resource systems

2. Synthesize and evaluate complex climate-based issues and their interrelationships with natural resources, management, and society. These issues include food and water security, natural hazard management, changing frequency and severity of extreme climate events, environmental degradation, climate-crop interactions, carbon and water gas exchanges, and deforestation.

Students selecting this specialization will be able to capitalize on the expertise of scientists and other students working on climate assessment, climate impacts, and problem-oriented policy research. Students also have the opportunity to work with research centers relating to climate, drought, and remote sensing including: CALMIT, the High Plains Regional Climate Center, the National Drought Mitigation Center and the Nebraska State Climate Office.
Dr. Mike Hayes | mhayes2@unl.edu
Drought risk management, natural hazards and disaster management, planning, impacts and vulnerability assessments, climate variability and change, extreme events, adaptation strategies, food and water security

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Field-based remote sensing, agricultural meteorology, environmental biophysics, bio-atmospheric interactions

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