

ADAPTIVE MANAGEMENT

Available to both MS and PhD candidates.



Contact Information

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The **Adaptive Management** specialization is designed to provide a rigorous, focused graduate program that draws on faculty expertise in both adaptive management and structured decision making.

Adaptive governance and adaptive management are innovative integrative approaches that treat policy and management as experiments designed to determine and decrease uncertainties and identify thresholds for the successful management of complex systems. For adaptive governance and adaptive management to be successful there is a critical need for explicit training of future social and natural resource scientists, managers, and policymakers in the process of adaptive management and in resilience theory, which gave rise to adaptive management.

Students enrolling in this emphasis area will be interested in the interface of research, management and policy.



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Faculty Advisors

Dr. Craig Allen | callen3@unl.edu

Cooperative research unit, fish and wildlife, biological invasions, spatial ecology, resilience of the ecosystem, fish and wildlife research unit/graduate education, ecology, ecosystems ecology/resilience, invasive species/invasion ecology.

Dr. Chris Chizinski | cchizinski2@unl.edu

Human dimensions of natural resources, wildlife, fisheries, social-ecological systems

Dr. TJ Fontaine | jfontaine2@unl.edu

Adaptive management, avian migration, avian nesting biology, climate change, habitat selection, human impact biology, life history evolution, K-12 natural resource education

Dr. Larkin Powell | lpowell3@unl.edu

Wildlife population ecology, avian ecology, conservation biology, management of private lands, wildlife habitat use, decision-making.

Dr. Drew Tyre | atyre2@unl.edu

Statistical ecology, simulation modeling, population dynamics/ecology, structured decision making

