



United States Department of Agriculture

Other or Localized Threats & Considerations



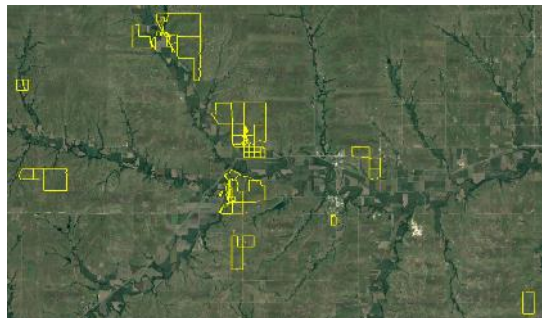
Doug Spencer, Kansas NRCS - State Grazing Specialist

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Conservation
Service

nrcs.usda.gov/

Localized Threats

*Within the ecosite,
fence, ranch, or
small ecoregion.*

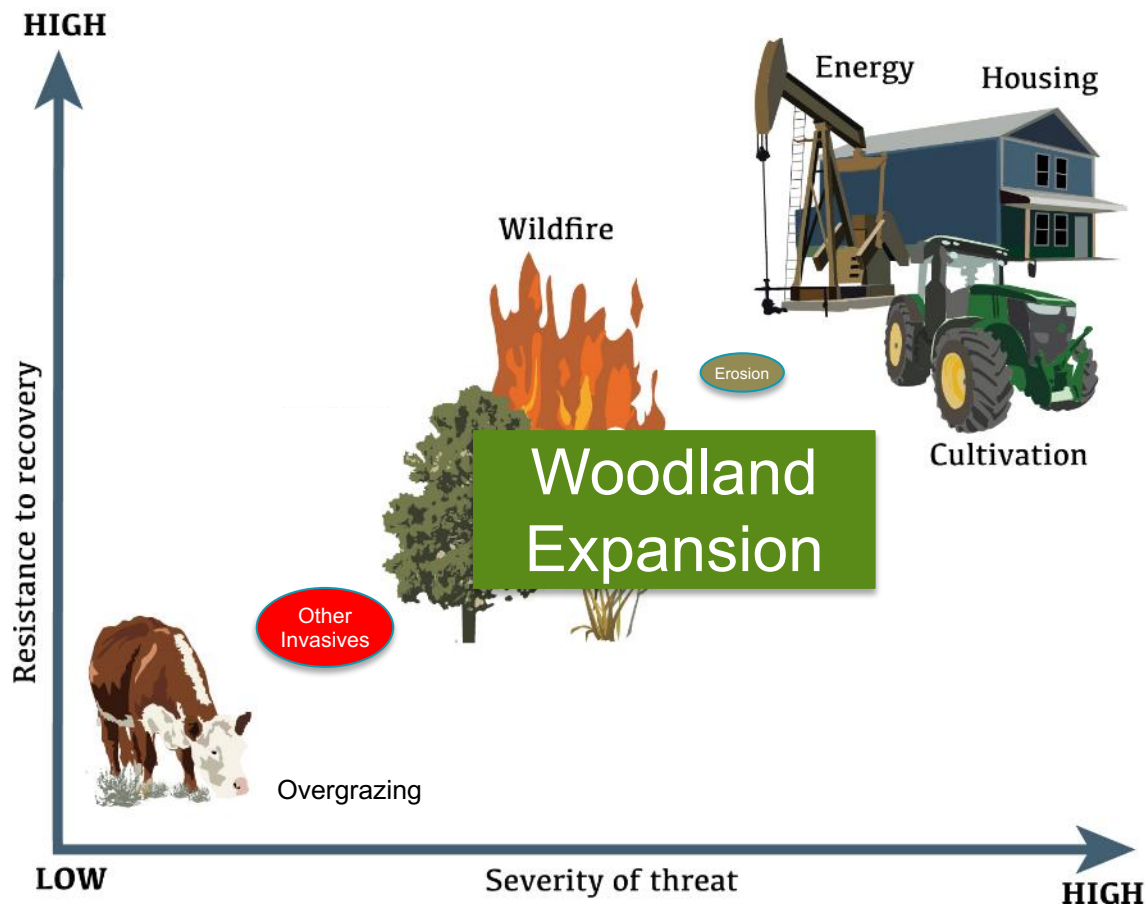


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Localized Threats



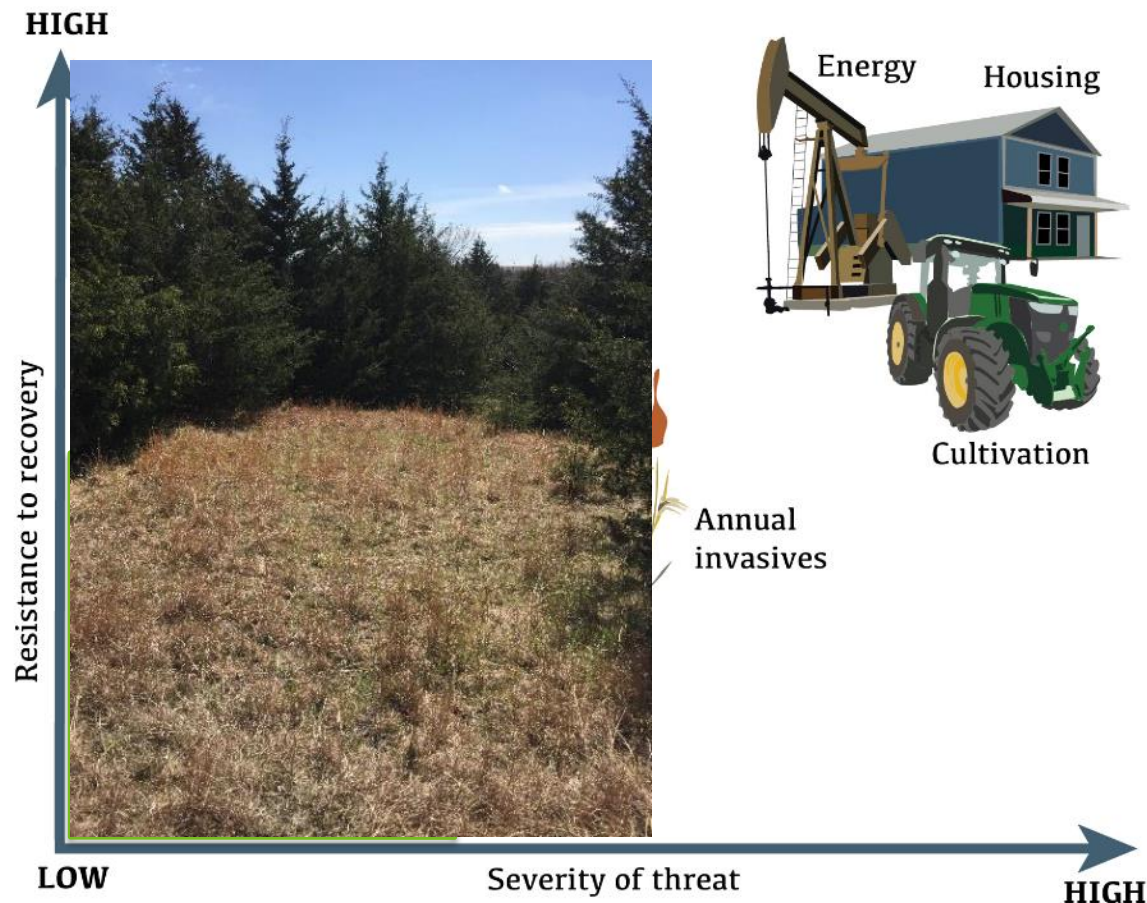
Credit: USDA-NRCS, Working Lands for Wildlife

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Localized Threats

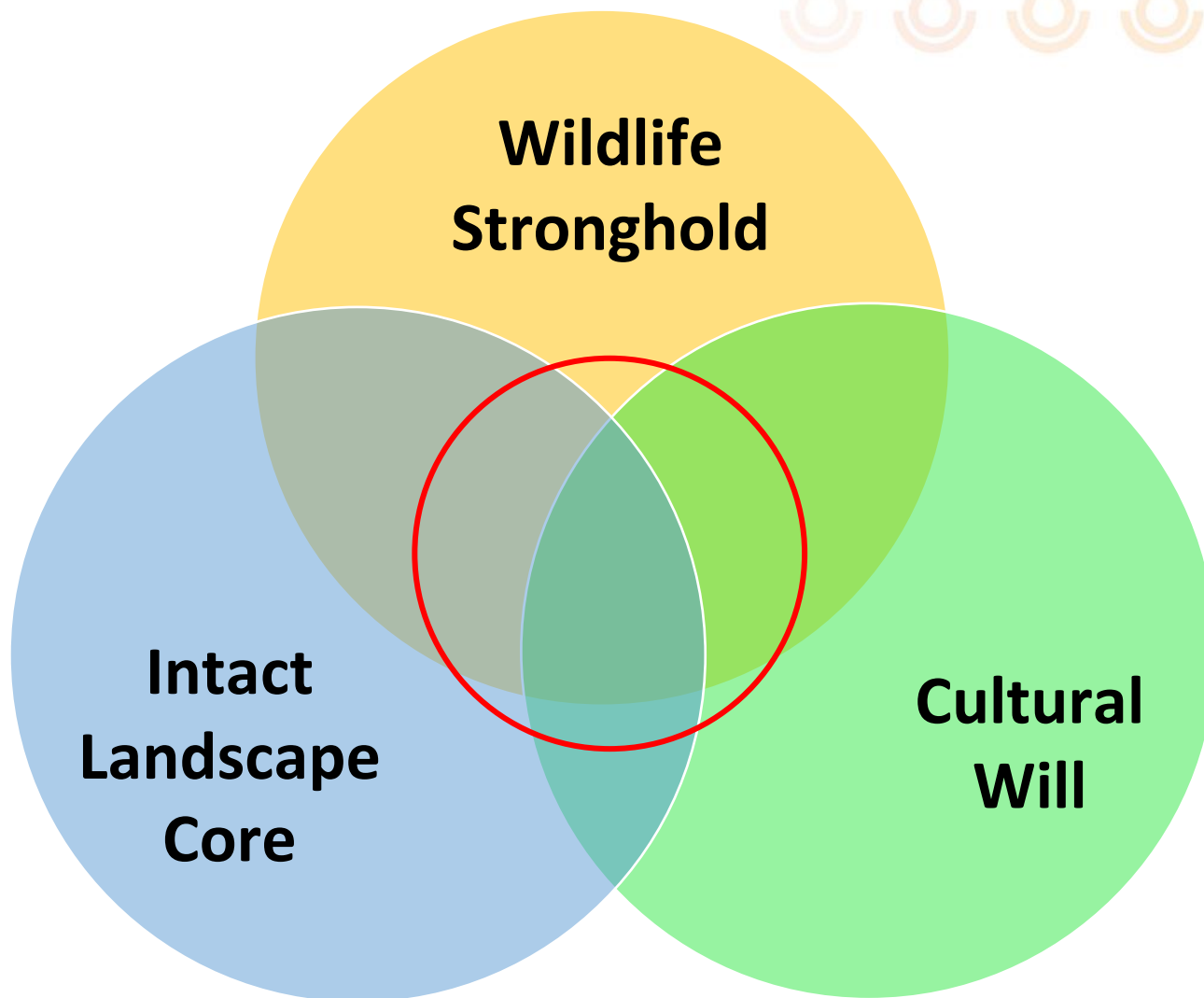


Credit: USDA-NRCS, Working Lands for Wildlife

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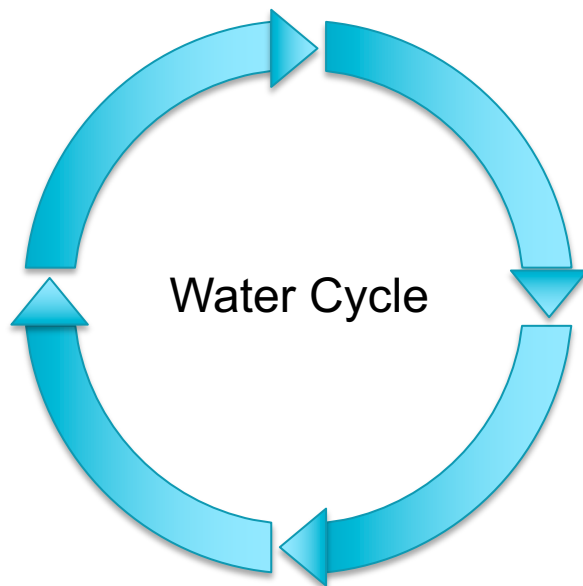




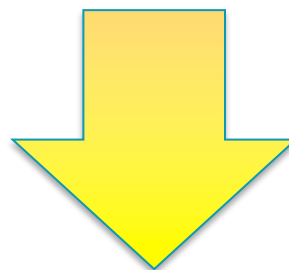
Context for Threats



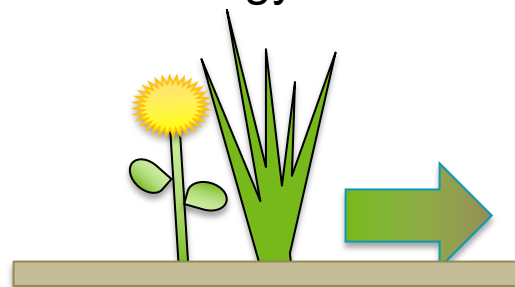
the capture, storage, & safe release of precipitation



the conversion of sunlight to plant and then animal matter

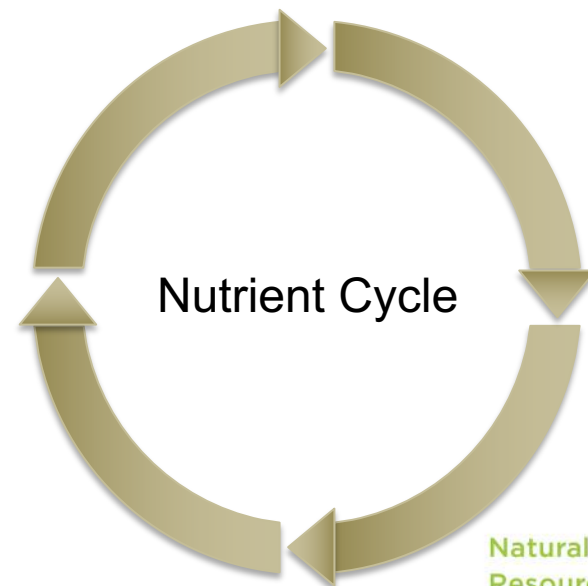


Energy Flow



Biotic Community

the movement of nutrients, such as carbon and nitrogen, through the physical and biotic components of the environment

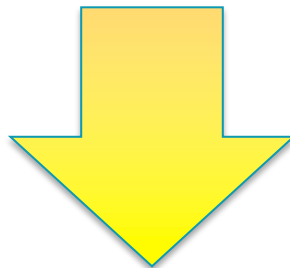


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How does the threat impact properties and processes?

Threat Impacts & Outcomes



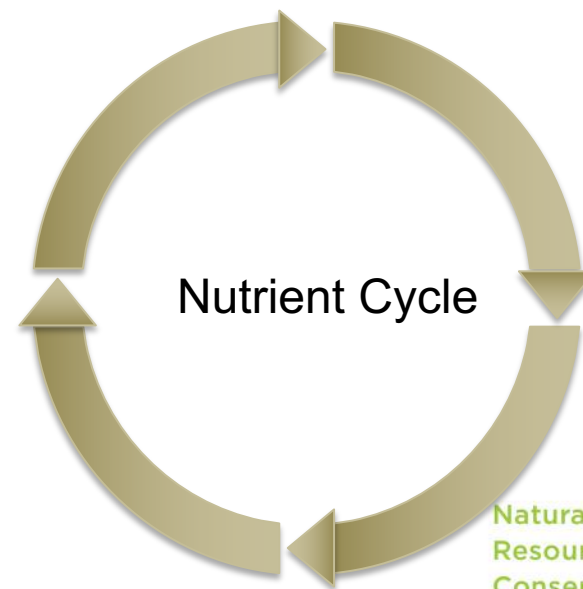
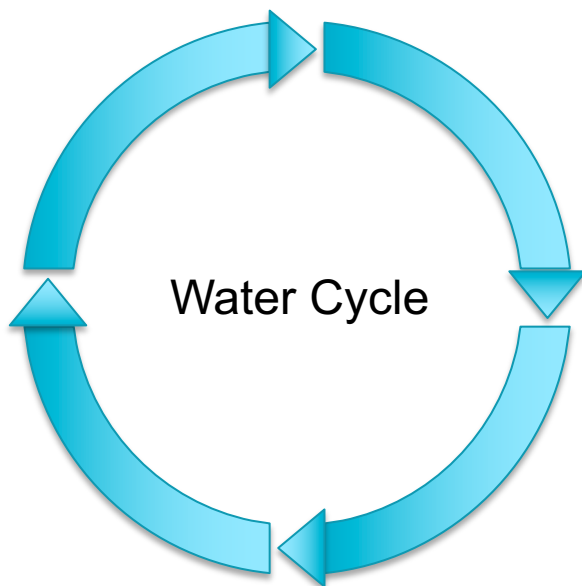
Energy Flow



Biotic Community



Communication

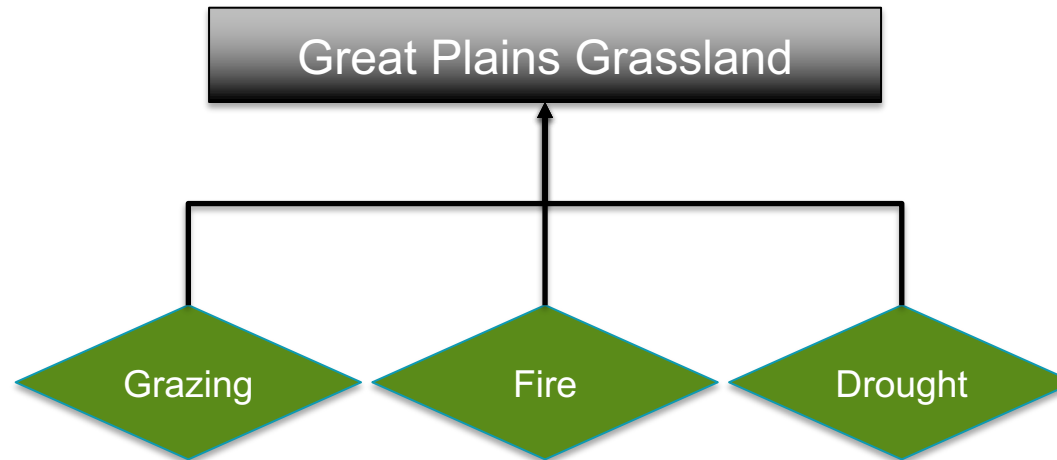


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Ecosystem Disturbances



Fluctuating - Intensity, Frequency, Timing, Duration, and Distribution

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March 2009 – Benchmark Photo



October 2010



Sept 2011



December 2013



Vision Ahead



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