

Web mapping applications

The Kansas Biological Survey's interactive web maps provide information in a convenient, easy-to-use format. Users can customize the data displayed to fit their needs:

- pan/zoom to a location of interest;
- turn layers on or off to focus on particular interests;
- query the data for more information;
- generate reports for a specific area.

Search the KARS metadata catalogue for additional information about these data layers or to download data.

Maps are designed for greatest accessibility:

- offering easy web browser access so everyone has access to the same information;
- built using the latest ESRI ArcServer software and Adobe Flex interface;
- making data layer services available for viewing in a web browser, ArcGIS Explorer or GoogleEarth, or importing into ArcMap.



kars.ku.edu



The Natural Resources Planner, Southern Great Plains Crucial Habitat Assessment Tool and Western Governors' Association Crucial Habitat Assessment Tool at the Kansas Applied Remote Sensing program (Kansas Biological Survey) were created in cooperation with the Kansas Dept. of Wildlife, Parks and Tourism.

The information in these online mapping tools is provided as a resource to assist with proactive management and decision making. Location and habitat data is based on the best information available. Data is updated as needed.

For more information, contact:

Mike Houts

GIS/Remote Sensing Specialist
Kansas Biological Survey
785-864-1515 · mhouts@ku.edu

or

David Bender

KDWPT Environmental Services
620-672-0788 · david.bender@ksoutdoors.com



KU KANSAS
BIOLOGICAL
SURVEY
The University of Kansas

Higuchi Hall
2101 Constant Ave.
Lawrence, KS 66047

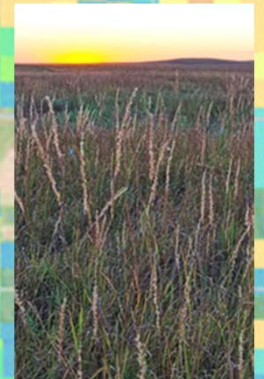
785-864-1500 · biosurvey@ku.edu

kars.ku.edu



**ONLINE MAP
APPLICATIONS**
for policy and development planners

**Wildlife habitat
Sensitive species
Energy resources
Aquatic information**



**KANSAS BIOLOGICAL
SURVEY**
in cooperation with the
Kansas Department of Wildlife, Parks
and Tourism

Kansas Natural Resource Planner



The Natural Resource Planner makes it easy to assess wildlife and energy resources for proactive planning.

The Natural Resource Planner is an interactive online Kansas map that enables users to choose from and view more than 20 categories of natural resource and infrastructure data (several listed below). The map was designed to help users make informed decisions in planning development projects.

Wildlife

- Terrestrial and aquatic species of concern
- Whooping crane migration corridor
- Lesser prairie-chicken range and habitat
- Managed conservation/wildlife areas
- Flint Hills Tallgrass heartland
- Land cover

Energy

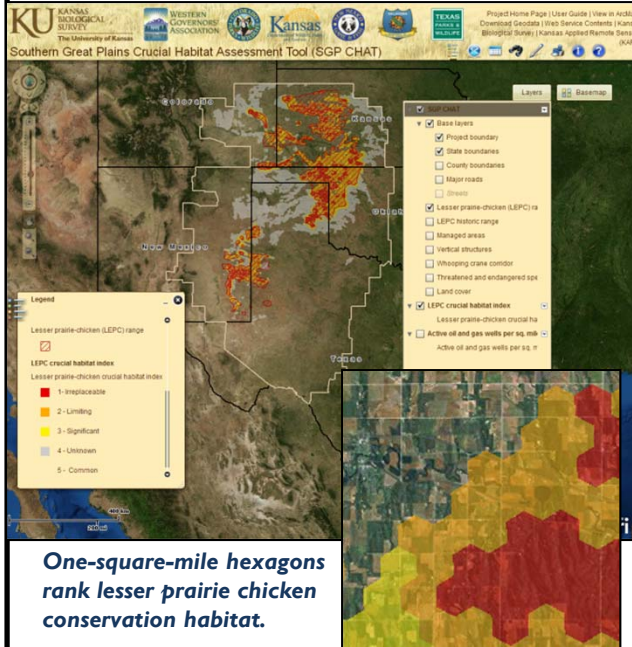
- Proposed and active wind farms
- Electric transmission lines
- Oil/gas wells
- Kansas power plants

Aquatic

- Waterbodies
- Bathymetry
- Invasive species

kars.ku.edu/naturalresourceplanner

Southern Great Plains Crucial Habitat Assessment Tool



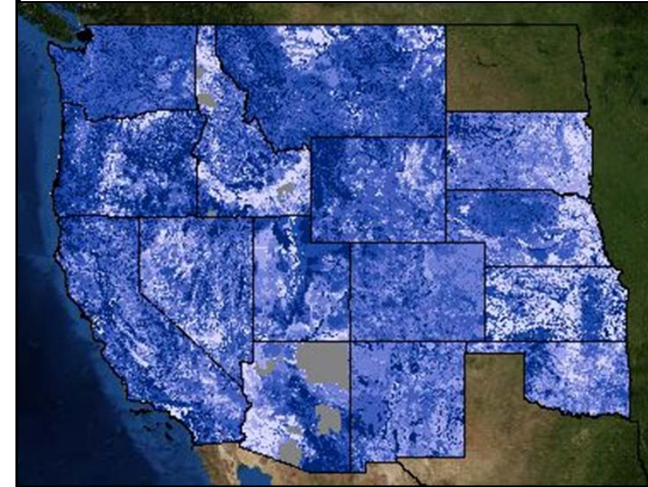
One-square-mile hexagons rank lesser prairie chicken conservation habitat.

The Southern Great Plains Crucial Habitat Assessment Tool (SGP CHAT) is a multistate collaborative effort to assess and manage lesser prairie chicken habitat. It is a spatial model put together to designate and prioritize areas for lesser prairie chicken conservation activities and industry development. In many ways it is the spatial representation of the Lesser Prairie Chicken Range-Wide Conservation Plan.



kars.ku.edu/spgchat

Western Governors' Association Crucial Habitat Assessment Tool



The WGA CHAT provides a regional view of crucial habitat across the western United States.

The Western Governors' Crucial Habitat Assessment Tool (CHAT) is a cooperative effort of 16 western states to provide the public and industry with a high-level overview of "crucial habitat" across the West.

The WGA CHAT is a non-regulatory tool for the pre-planning of energy corridors and transmission routes, or comparing fish and wildlife habitat. It is built from state wildlife agency data and can be a valuable starting point for project planning.



westgovchat.org