



Oklahoma Lesser Prairie-Chicken Spatial Planning Tool

The lesser prairie-chicken (LEPC) model is a multiscale, spatially-based planning tool designed to evaluate anthropogenic impacts, promote voluntary mitigation and targeted conservation actions for an area sensitive species. It combines eight factors, including biological and ecologically relevant spatial data (e.g., lek locations, suitable and potentially suitable land use/land cover) and fragmenting features (e.g., oil and gas well locations, etc.) that exist within the current and historical range of the LEPC. The LEPC model is a relative valuation of the lands within the historical range of the LEPC in Oklahoma.



LEPC Model Version 2.0, March 1, 2010. Valid through April 30, 2011; Update available March 1, 2011.
www.wildlifedepartment.com/lepcdevelopmentplanning.htm; 02.24.2010. Projected coordinate system NAD83, UTM Zone 14N

State Boundary

County Boundary

Cities

Major Roads

Limited Access

Highway

Road

Lakes

Perennial Streams

Model Area

LEPC Model Rank

1 - Lower Importance

2

3

4

5

6

7

8 - Higher Importance

