

Liaison between North Central CSC & Plains and Prairie Pothole and Great Plains LCCs

Our team is based at the USGS Northern Prairie Wildlife Research Center in Jamestown, ND. NPWRC is located in the Northern Great Plains and at the heart of the Prairie Pothole Region. Staff at the Center have focused on conducting science to support managers in the Northern Great Plains for the past 50 years. More recently we have dedicated effort to supporting the newly formed LCCs in the region. Since the Plains and Prairie Potholes LCC was first launched, our Center has supported them by addressing their science needs, including linking climate information with habitat dynamics and land use change. We are currently fostering a similar relationship with the Great Plains LCC.

PPP-LCC and GP-LCC Liaison Team

Max Post van der Burg (maxpostvanderburg@usgs.gov) is a research ecologist at NPWRC and serves as the liaison to the Plains and Prairie Potholes LCC.

Aaron Pearse (apearse@usgs.gov) is a research ecologist at NPWRC and serves as the liaison to the Great Plains LCC.

Dave Mushet (dmushet@usgs.gov) is the chief of the Climate and Land Use branch at NPWRC and serves as a team member.

Michael Anteau (manteau@usgs.gov) is the chief of the Wildlife and Ecosystems branch at NPWRC and serves as a team member.

Mark Wiltermuth (mwiltermuth@usgs.gov) is the chief of the Integrated Sciences branch at NPWRC and serves as a team member.

Todd Preston (tpreston@usgs.gov) is an ecologist at Northern Rocky Science Center and serves as a team member.

What we do.

LCCs are partnerships that seek to integrate diverse stakeholder interests with best available science to more effectively make conservation actions across the landscape. Climate Science Centers deliver information that is readily useful in helping decision makers assess the effectiveness of management decisions. Our team aims to serve as the bridge between the PPP-LCC, GP-LCC and the North Central Climate Science Center. Our role is to work with our partners in the PPP- and GP-LCC to develop a better understanding of where climate information will be most useful in improving decision making. We will also work with the NC CSC to help guide and facilitate efforts to synthesize existing information about climate and management decisions in an effort to help both LCCs, and other scientists, understand what kind of information is most needed. This will help the LCCs meet their mission of coordinating partners around natural resource management problems and providing information to their partners to aid in decision making. By working with the NC CSC, we will help it reach the goal of providing decision-relevant information to the LCCs.



Figure 1. The Prairie Pothole Region is a landscape feature in the Northern Great Plains that was historically a complex of wetlands and grasslands. Photo credit: David M. Mushet, USGS.



Figure 2. The Prairie Pothole Region is a landscape feature that is today dominated by agriculture. Photo credit: David M. Mushet, USGS.