



DETERMINING MIGRATION CORRIDORS ALONG THE GREAT LAKES



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The U.S. Fish and Wildlife Service's Midwest Region initiated and is leading this innovative, landscape scale project with funding provided through the Great Lakes Restoration Initiative.

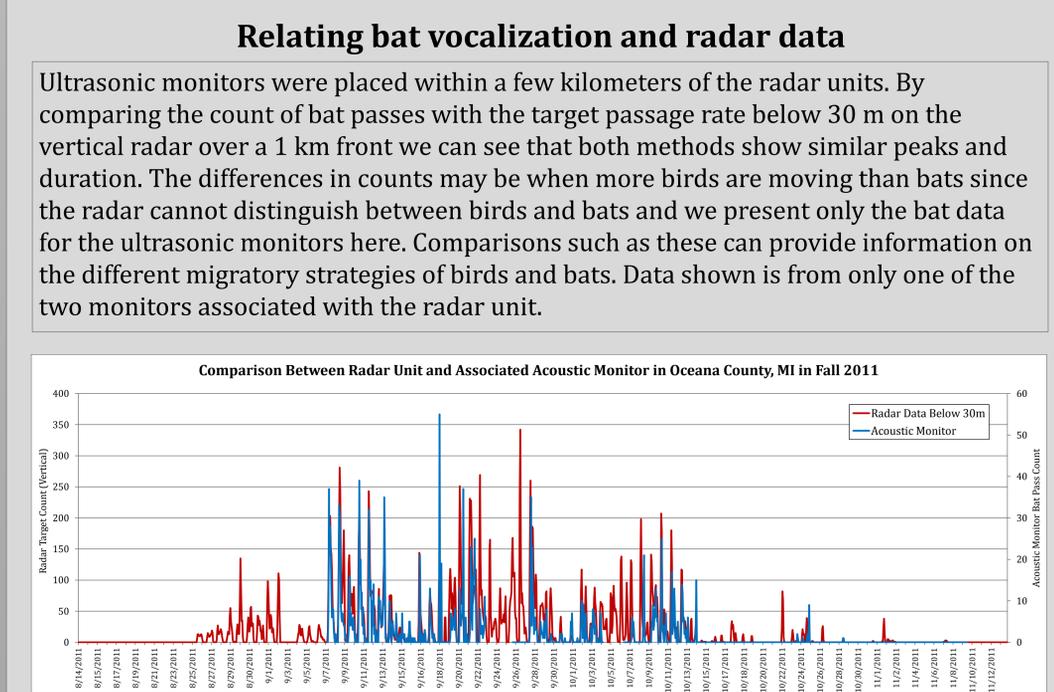
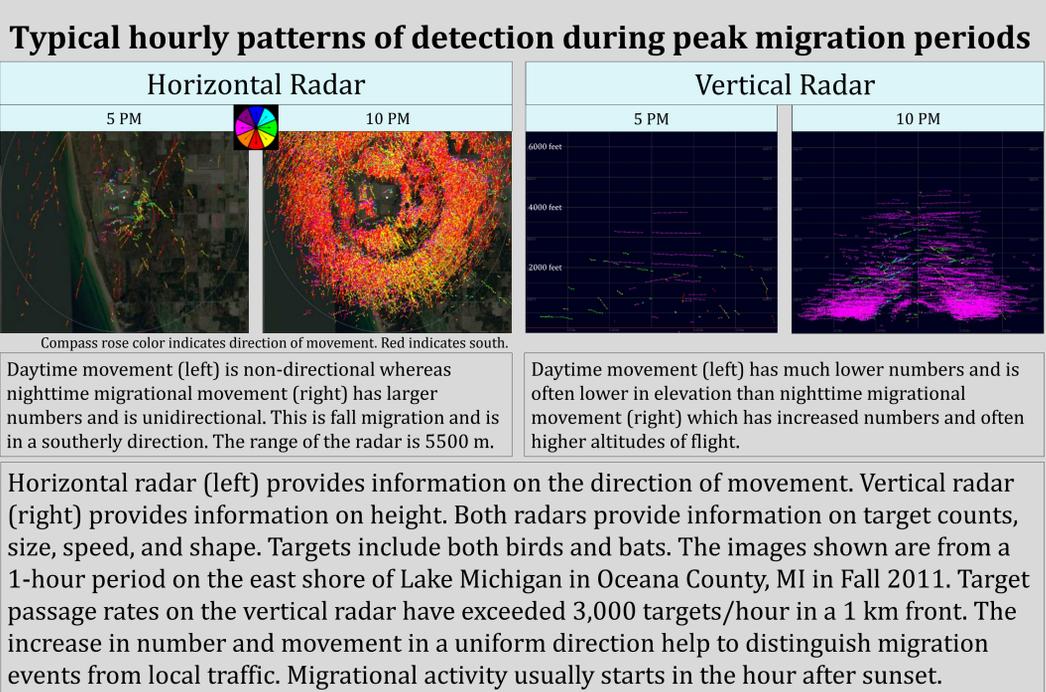
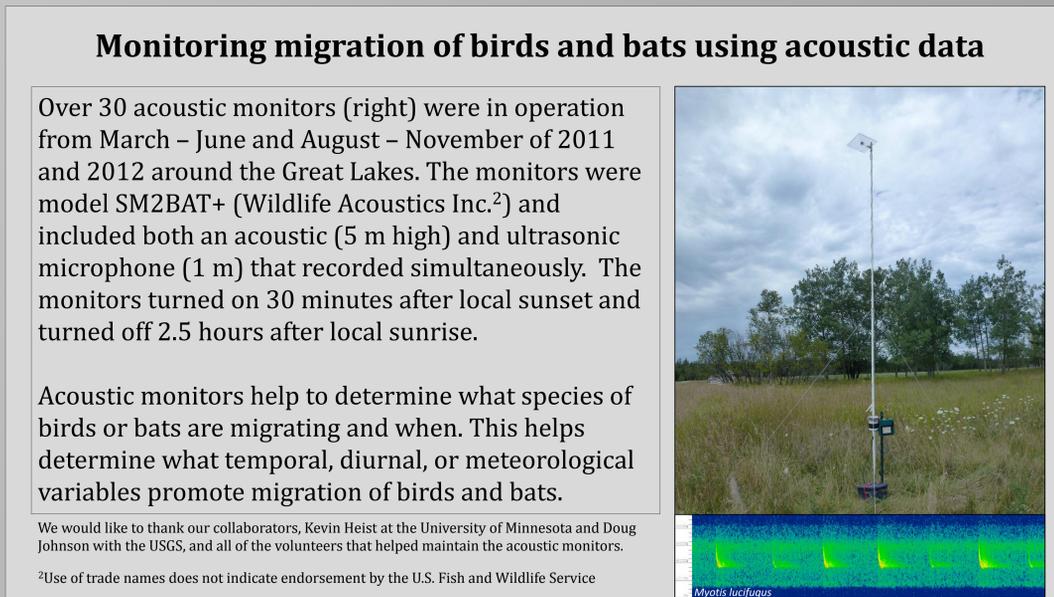
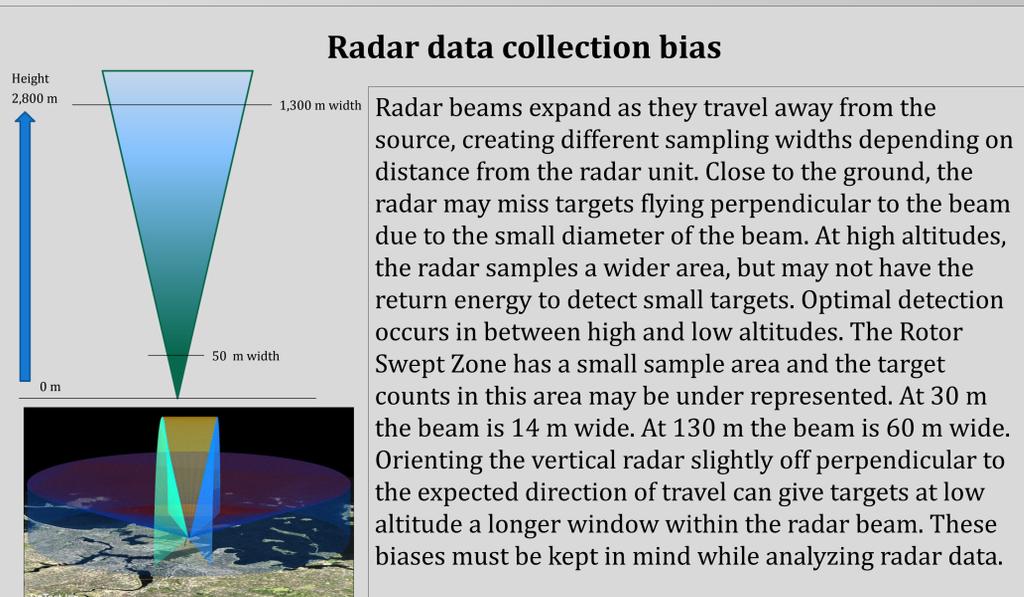
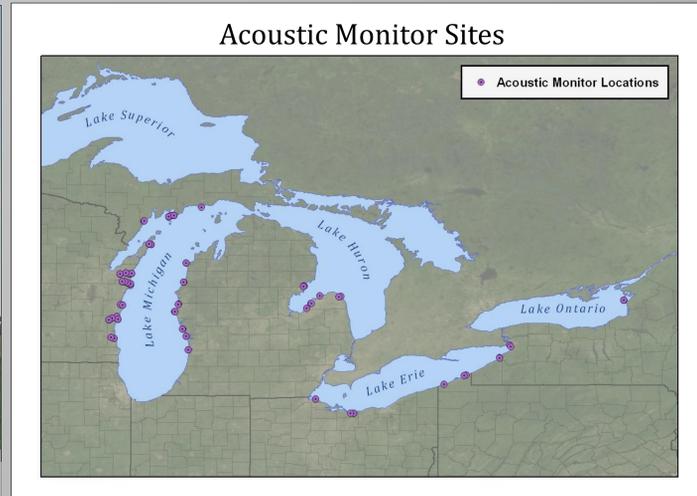
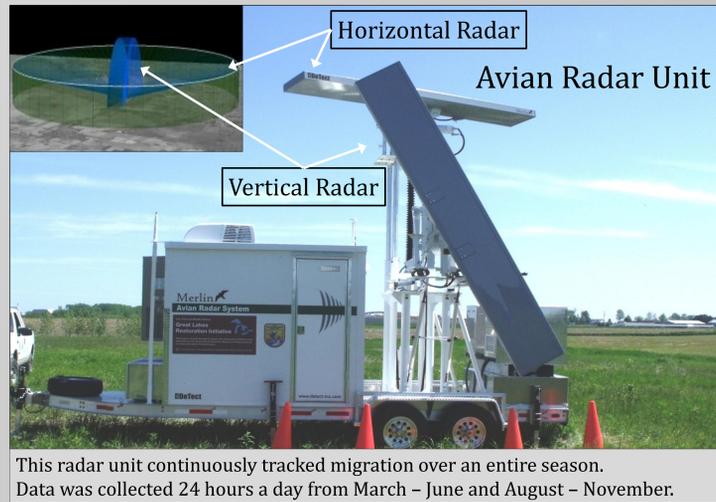
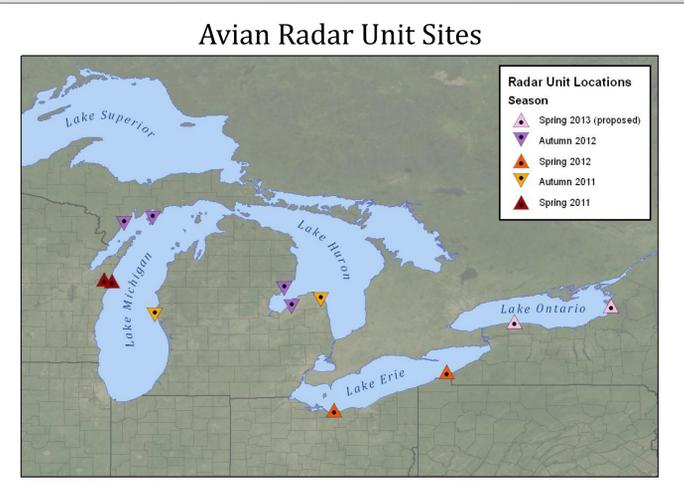
Project Goal: The fundamental goal of this project is to identify areas along the Great Lakes that are ecologically important for populations of migratory birds and bats.

Research questions:

1. Do migrants concentrate along the lakeshores?
2. What is the pattern and duration of migration?
3. What environmental factors affect migration?

Gather migration data from three sources:

1. Avian Radar – seasonal migration of birds and bats
2. Acoustic Monitors – seasonal migration of bats
3. Historical Data – digitize historical bird surveys



- Applications:**
1. Convey reliable information to the wind industry and other stakeholders to facilitate environmentally sustainable development of renewable energy.
 2. Provide supporting data for USFWS Land-Based Wind Energy Guidelines.
 3. Support USFWS decisions related to safe operation of wind facilities without risk to migratory birds or bats.