American Golden-Plover Conservation in Action

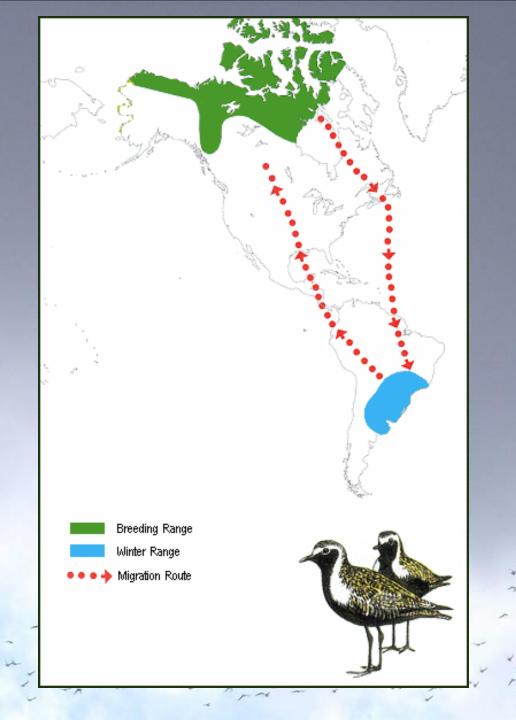


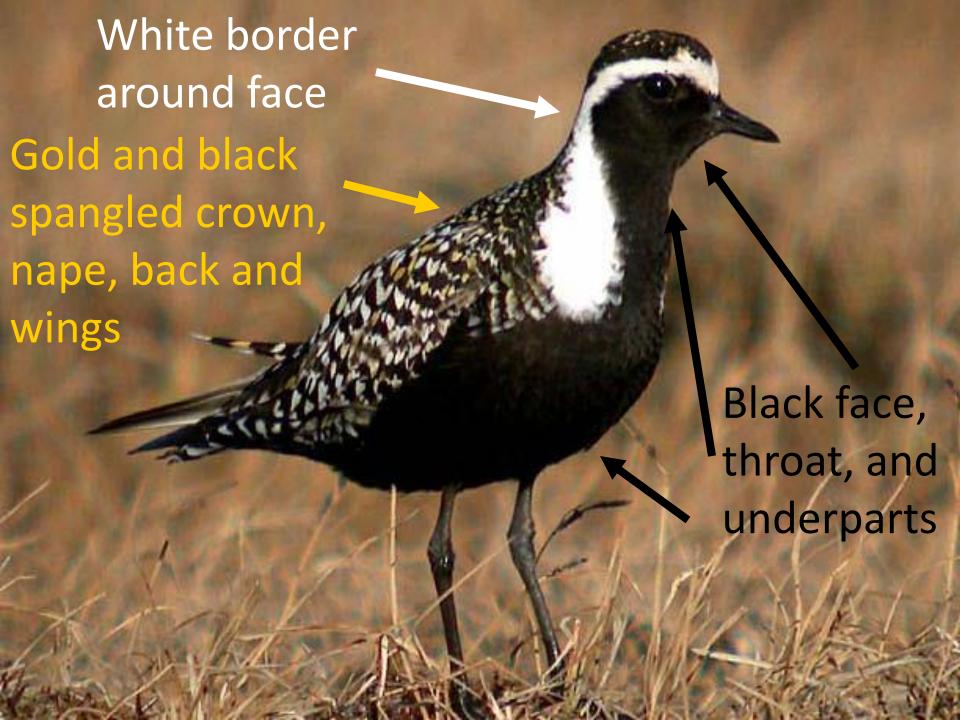
Drew Becker Fish and Wildlife Biologist Rock Island Field Office

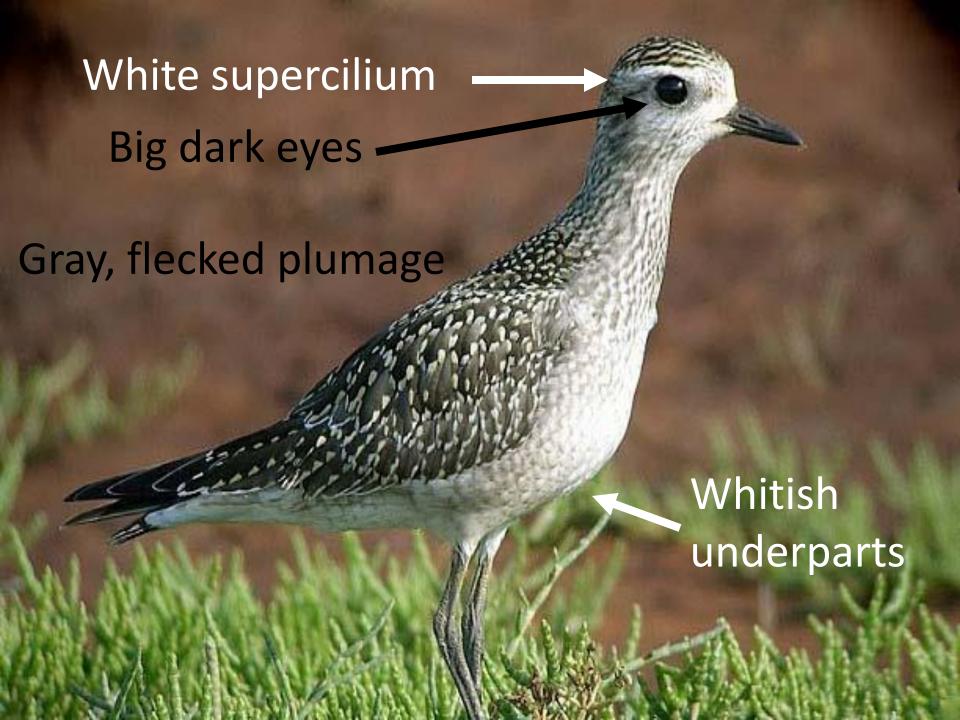


Background

- Long-distance migrant (5-7K km non-stop)
- Breed in the Arctic and winter in S. Am.
- Population may be declining (Global population estimated 150,000-200,000)
- Substantial portion of the population pass through IL/IN in spring









http://www.allaboutbirds.org/guide/American_Golden-Plover/sounds





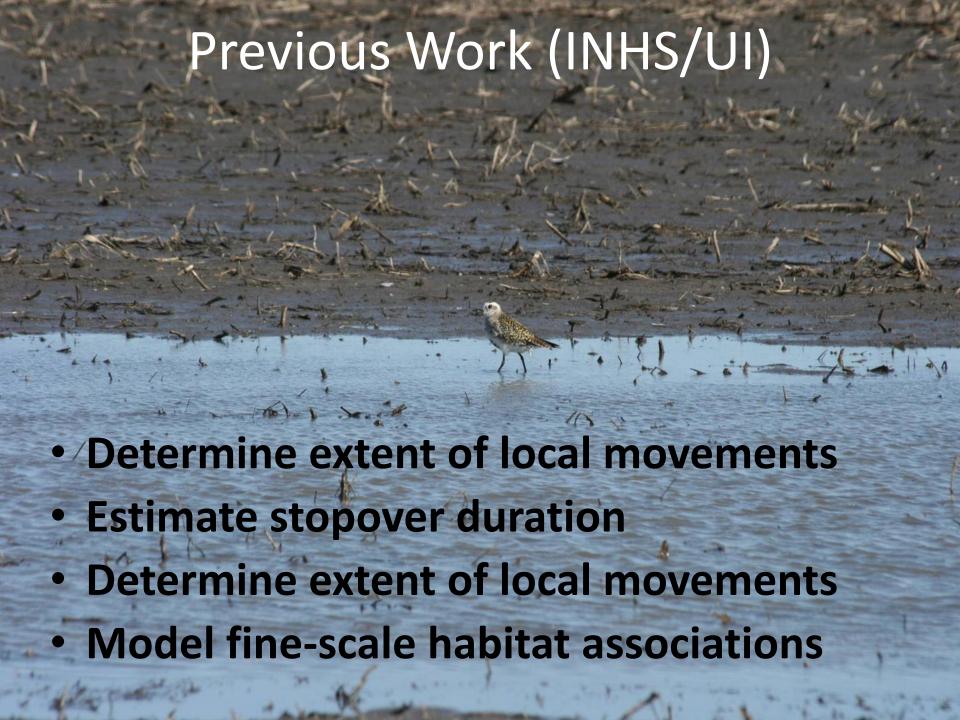
Previous Work (INHS/UI)

- Spotlight and hand net
- Radio transmitters
- Track by vehicle



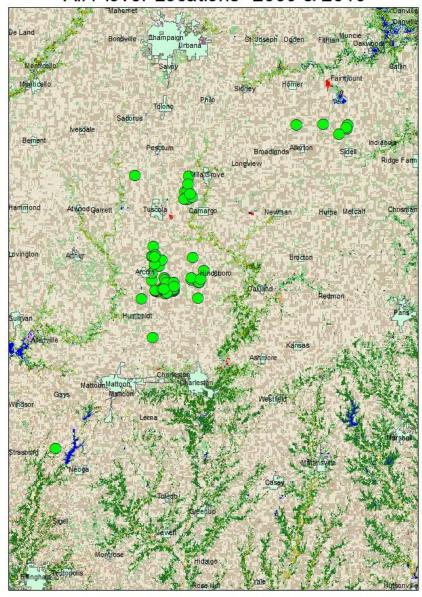




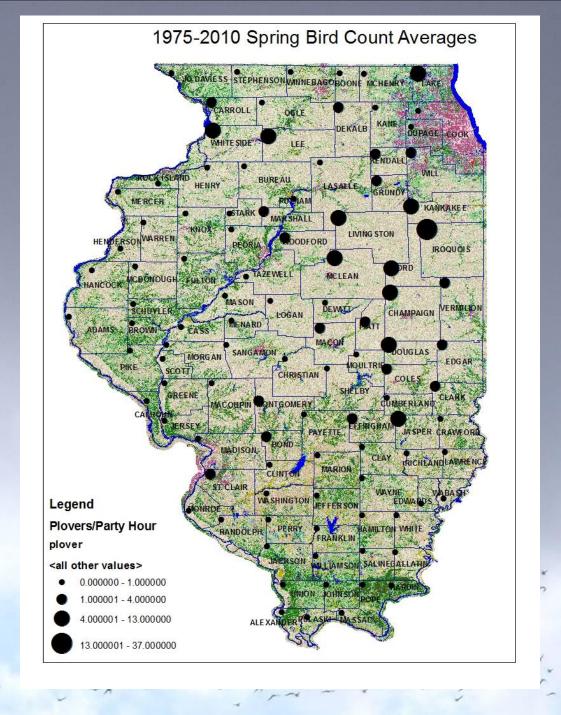


- Tracking dates: April 13th May 10th
- Apparent Stopover Duration= 15 days (Range=1-27)
- Large home range (1,706 ha to 56,034 ha)

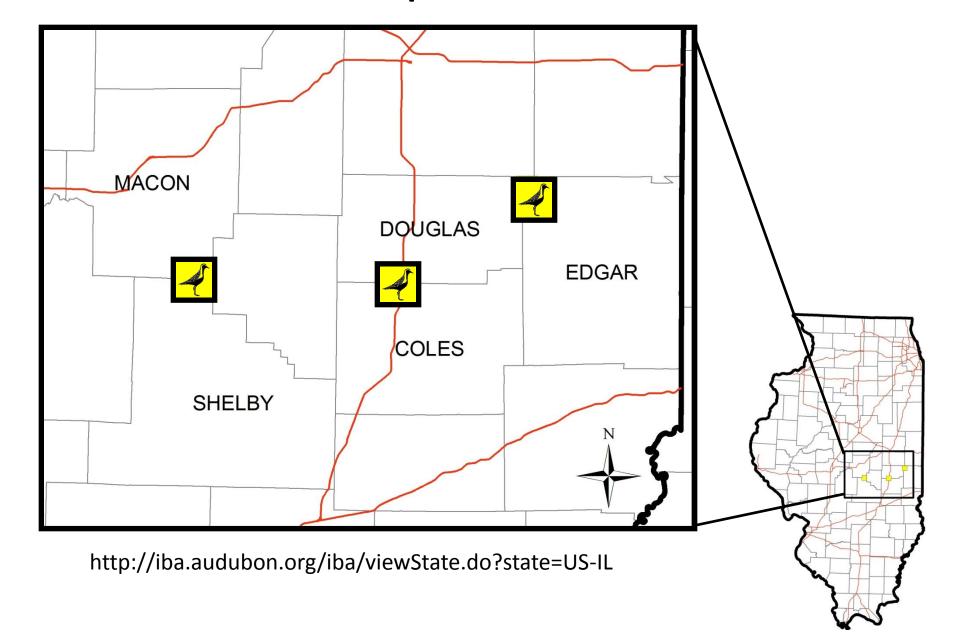
All Plover Locations- 2009 & 2010



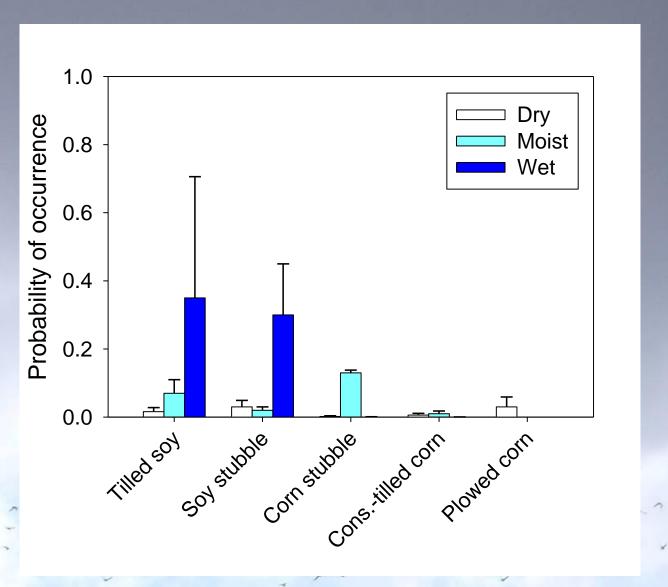




Audubon Important Bird Areas

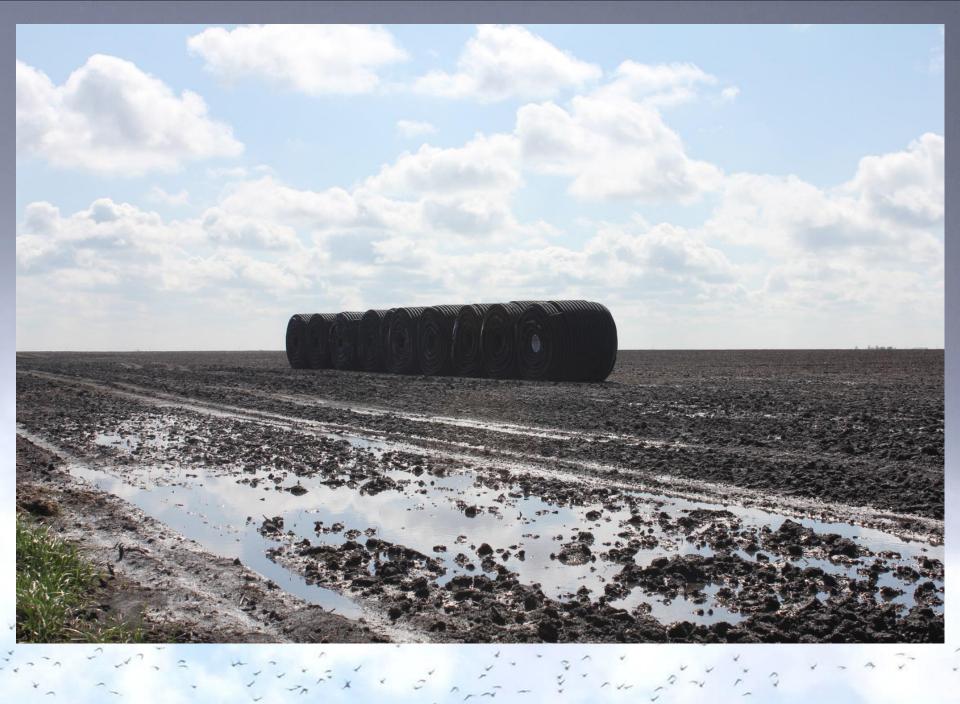


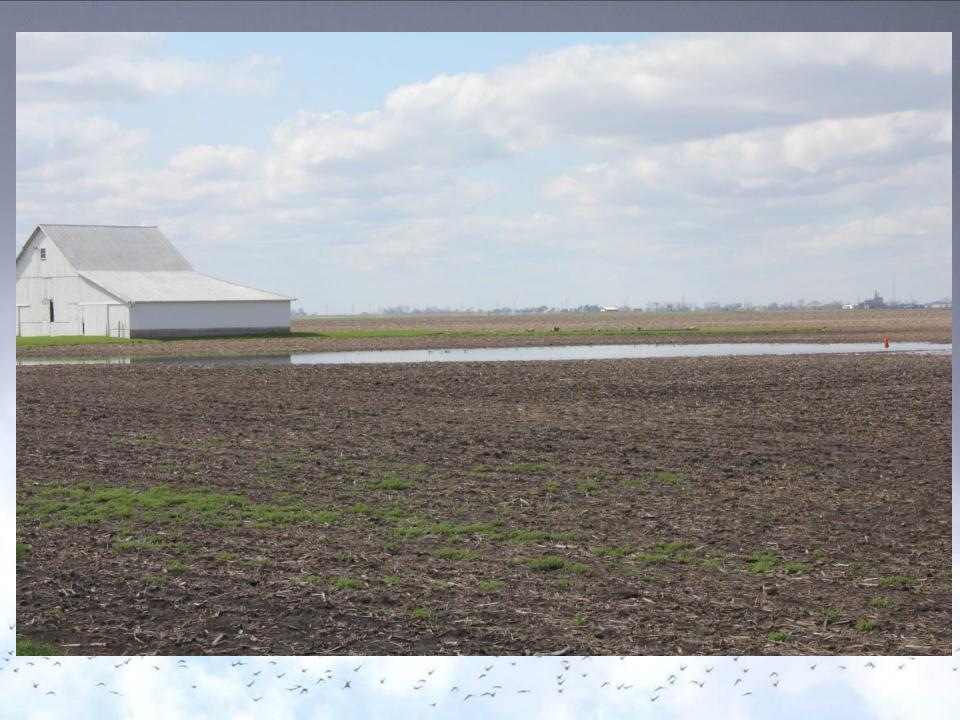
Field Types

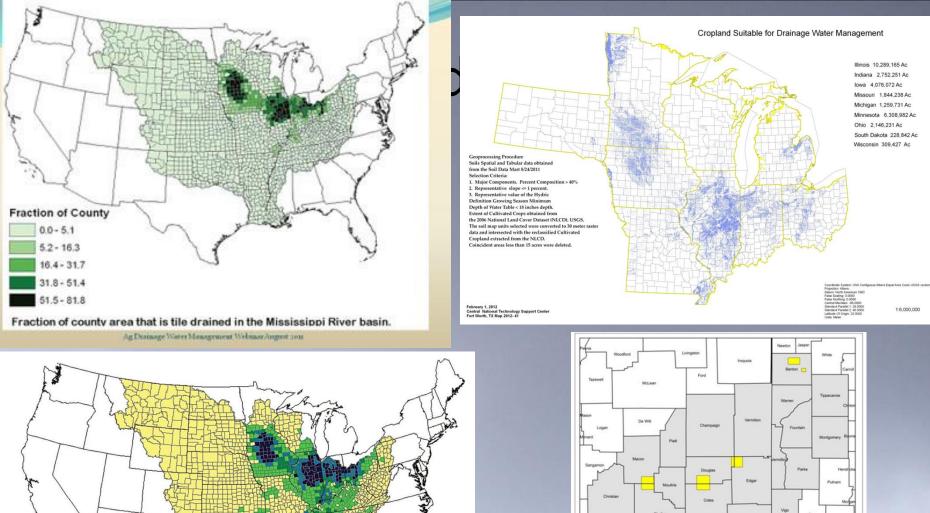


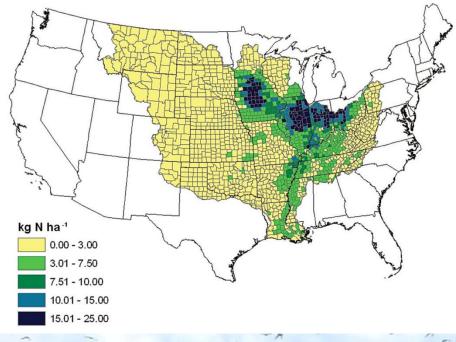
Stopover Habitat Requirements

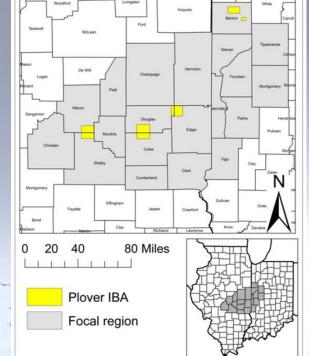
- Combination of moisture & crop type important
 - Moist or wet soybean stubble and tilled soybeans
- Frequent use of corn fields at night
- Preference for soybean fields during day
- Affinity for moist fields
- Used areas distant from roads
- Selected fields with high invertebrate biomass (conservation tillage)











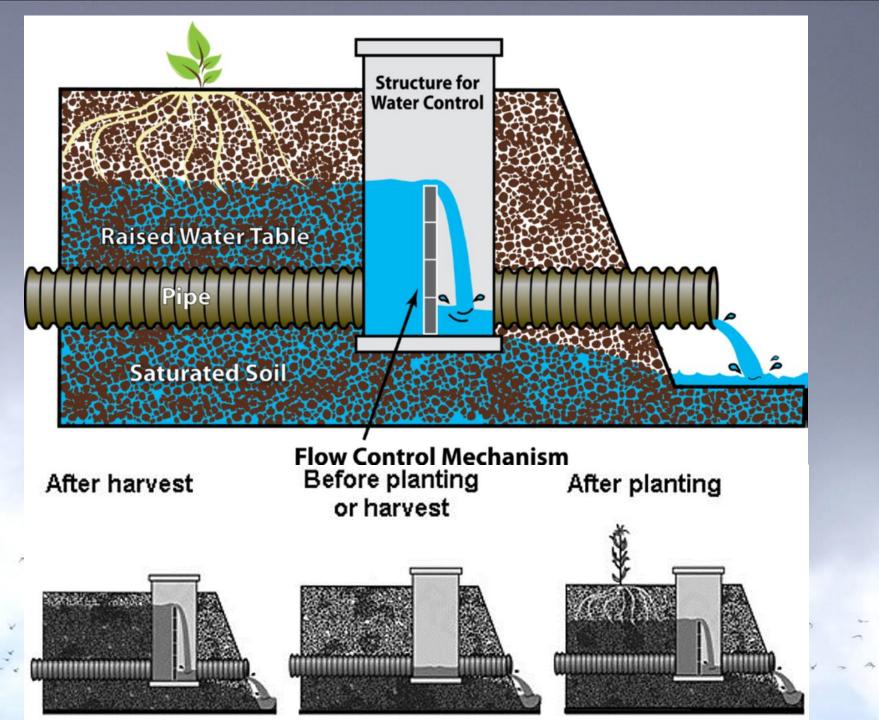


Drainage Water Management









Workshops





Coming Together for Conservation: New Approach, More Partners

USDA Natural Resources Conservation Service





Regional Conservation Partnership Program is a new program that mobilizes partnerships to multiply investments and reach common conservation goals.

Collaborating Partners

- University of Illinois (Mike Ward)
- Illinois Natural History Survey (Kirk Stodola, T.J. Benson)
- Franklin College (Ben O'Neal)
- Lewis and Clark Community College/National Great Rivers Research and Education Center (Richard Warner, Jake Hendee)
- Illinois Department of Natural Resources (Wade Louis, Mark Alessi)
- US Fish and Wildlife Service (Drew Becker, Kraig McPeek, Robert Clevenstine)

Shorebird Conservation Acreage via Drainage Water Runoff Control (SCARC)

- The lead partner NRCS will work with is the Department of Natural Resources and Environmental Science (NRES) at the University of Illinois.
- Creating temporary wetlands in strategic locations through NRCS's drainage water management (DWM) program will provide valuable conservation acreage for many migratory bird species.
- DWM provide numerous other benefits, including reductions in nitrogen and phosphorous runoff, improved water quality, and potential increases in crop production for the producer.
- The RCPP partnership aims to double annual implementation of DWM in Illinois.



