

A WORK IN
PROGRESS.....

SUBTEAMS:

- Habitat Quality
- Bird Abundance
- Management Actions
- Bird Condition
- Flyway, GIS & Weather
- Database Development
- Communications

GET INVOLVED

**PROGRAM
OUTPUTS**

Waterbird response to management
(Local scale)

Habitat response to management
(Local scale)

Distribution of funds
(Regional scale)

Change at local and Flyway scale due to allocation

Spatial depiction of bird use days
(Flyway scale)

Daily survival & Migration survival
(Flyway scale)

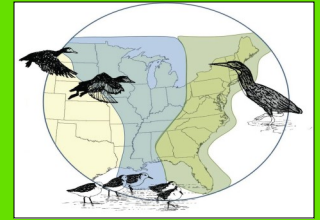
Measures of model variance & sensitivity
(Flyway scale)

Integrated Waterbird Management & Monitoring Program

(Waterfowl, shorebirds, marsh birds and wading birds)

UPDATE

MAY 2010

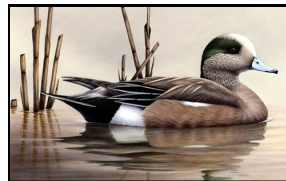


Monitoring & evaluation

Sustaining healthy populations of waterbirds that migrate long distances (waterfowl, shorebirds, and wading birds) is a major challenge for land managers. **How does a manager know which species to manage for at a specific site? How important is a single site in the big picture? How can many managers coordinate their actions across the landscape so that the birds have the right amount and quality of habitat, at the right time, in the right places?** These questions are difficult to answer without understanding how all the pieces

fit together.

Managers and scientists are working together in a new project to understand and optimally manage conservation lands along the Atlantic and Mississippi Flyways to support continental populations of waterbirds. They are using adaptive management and modeling in an innovative way that incorporates their management expertise as well as new conservation planning and modeling tools.



Fundamental Objectives:

- To sustain healthy waterbird populations.
- A tool to inform decision-makers at the local, regional and Flyway scales.
- To link management and funding decisions to waterbird population responses.
- An adaptive management approach.

Coming to a WMA or Refuge near you...

Subteams are currently working on sampling protocols and this fall several pilot sites within the Atlantic and Mississippi Flyways will be selected to collect waterfowl abun-

dance and habitat quality data to test the feasibility of collecting these data and to test the models (e.g. local, regional and flyway integration models and the optimal allocation model).



Program website:

http://www.acjv.org/waterbird_project.htm

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