

# THE CONSERVATION OF TIDAL MARSH BIRDS: *Guiding action at the intersection of our changing land and seascapes*

- provide the information necessary for states in BCR30 to protect regionally important habitats for tidal marsh birds
- provide a regionally consistent platform for tidal marsh bird monitoring



[www.tidalmarshbirds.org](http://www.tidalmarshbirds.org)

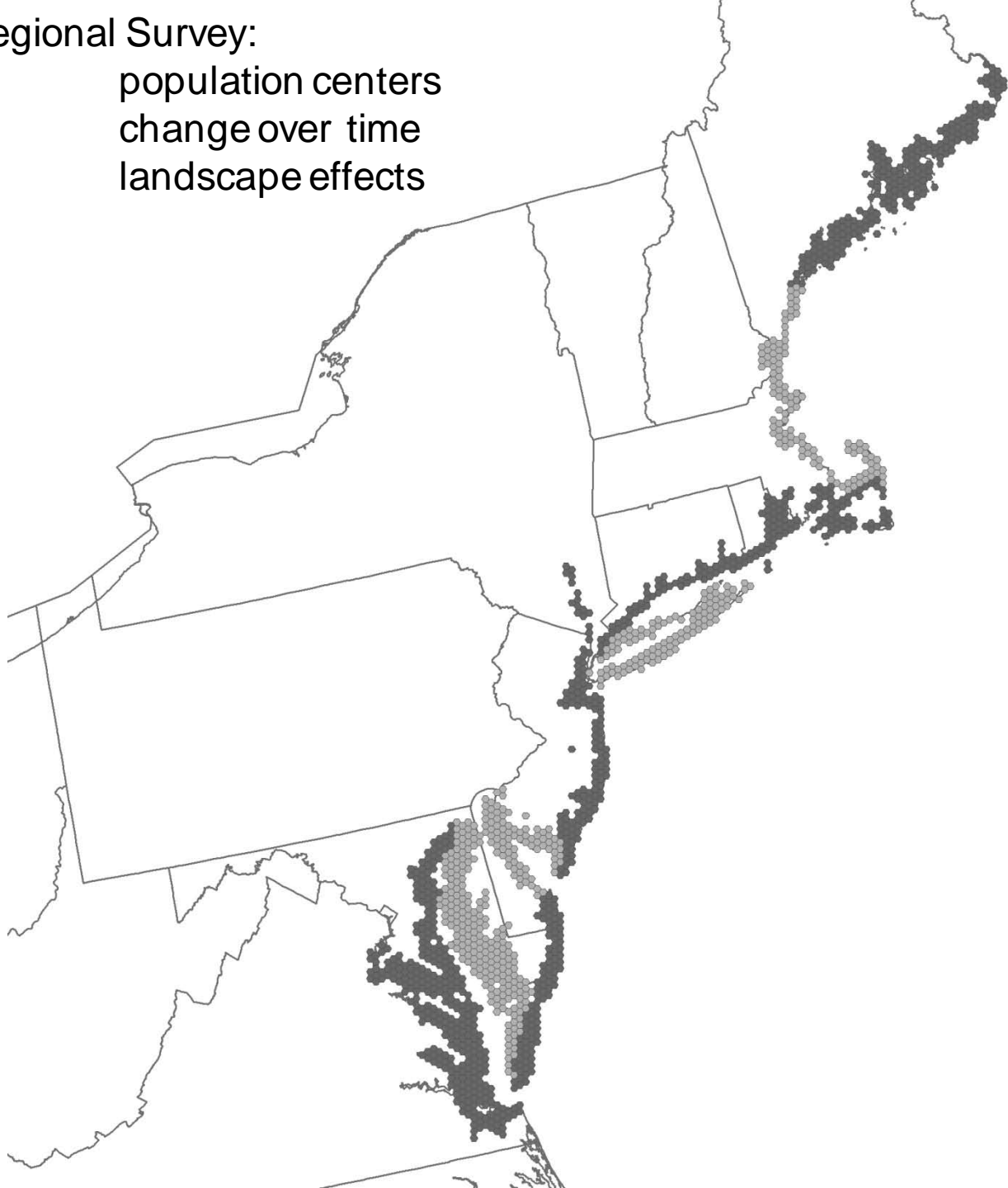
# Objectives

- 1) Fill gaps in current surveys
- 2) Produce population estimates and identify regional population centers
- 3) Repeat historic surveys
- 4) Model geographic variation in productivity and survival
- 5) Provide a detailed description of states regional responsibility
- 6) Identify the most critical areas for the long-term preservation of the tidal marsh bird community within each state



# Regional Survey:

population centers  
change over time  
landscape effects



## REGION

(1) Coastal Maine

(2) Cape Cod – Casco Bay

(3) Southern New England

(4) Long Island

(5) Coastal New Jersey

(6) Delaware Bay

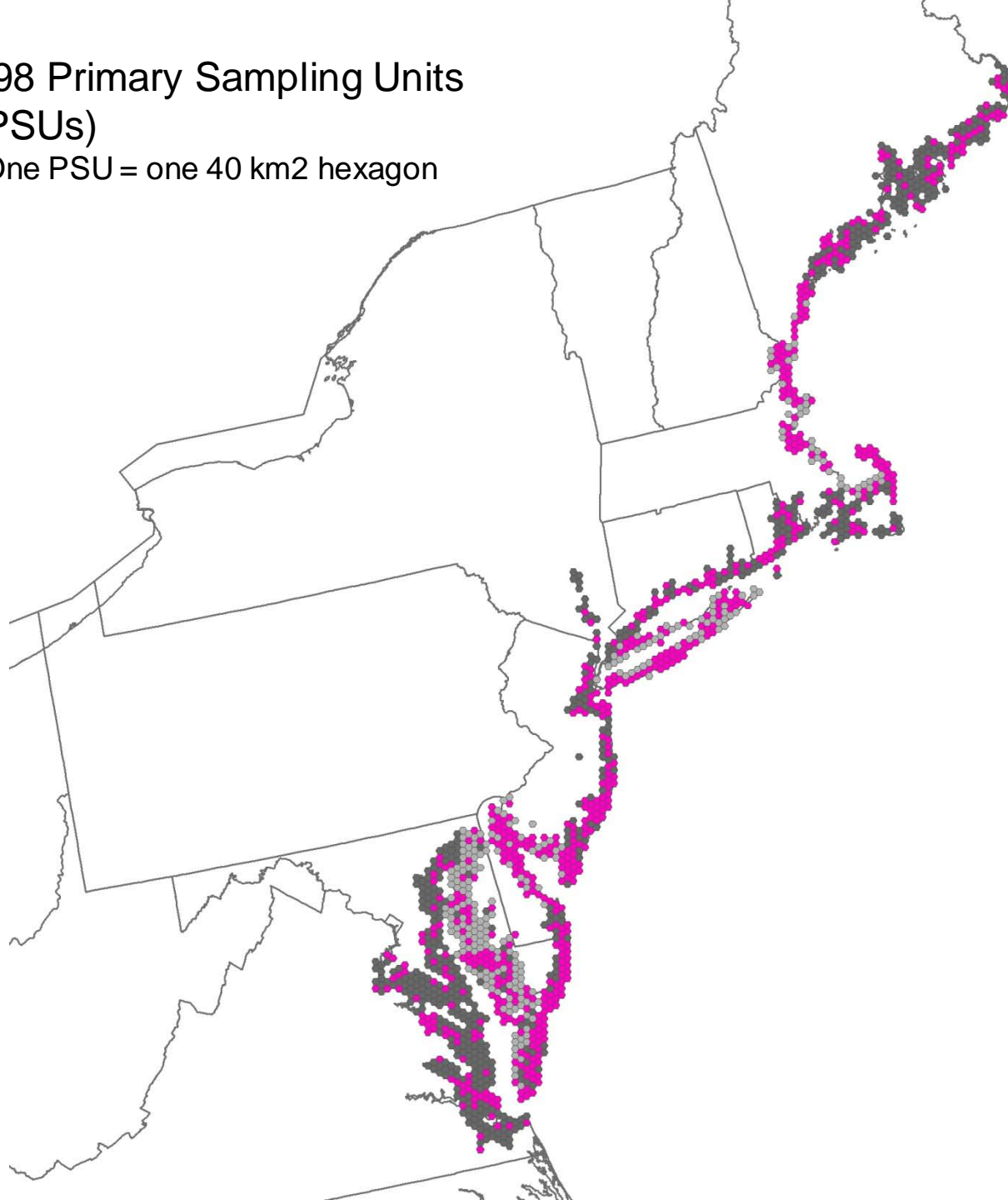
(7) Coastal Delmarva

(8) Eastern Chesapeake Bay

(9) Western Chesapeake Bay

# 598 Primary Sampling Units (PSUs)

\*One PSU = one 40 km<sup>2</sup> hexagon



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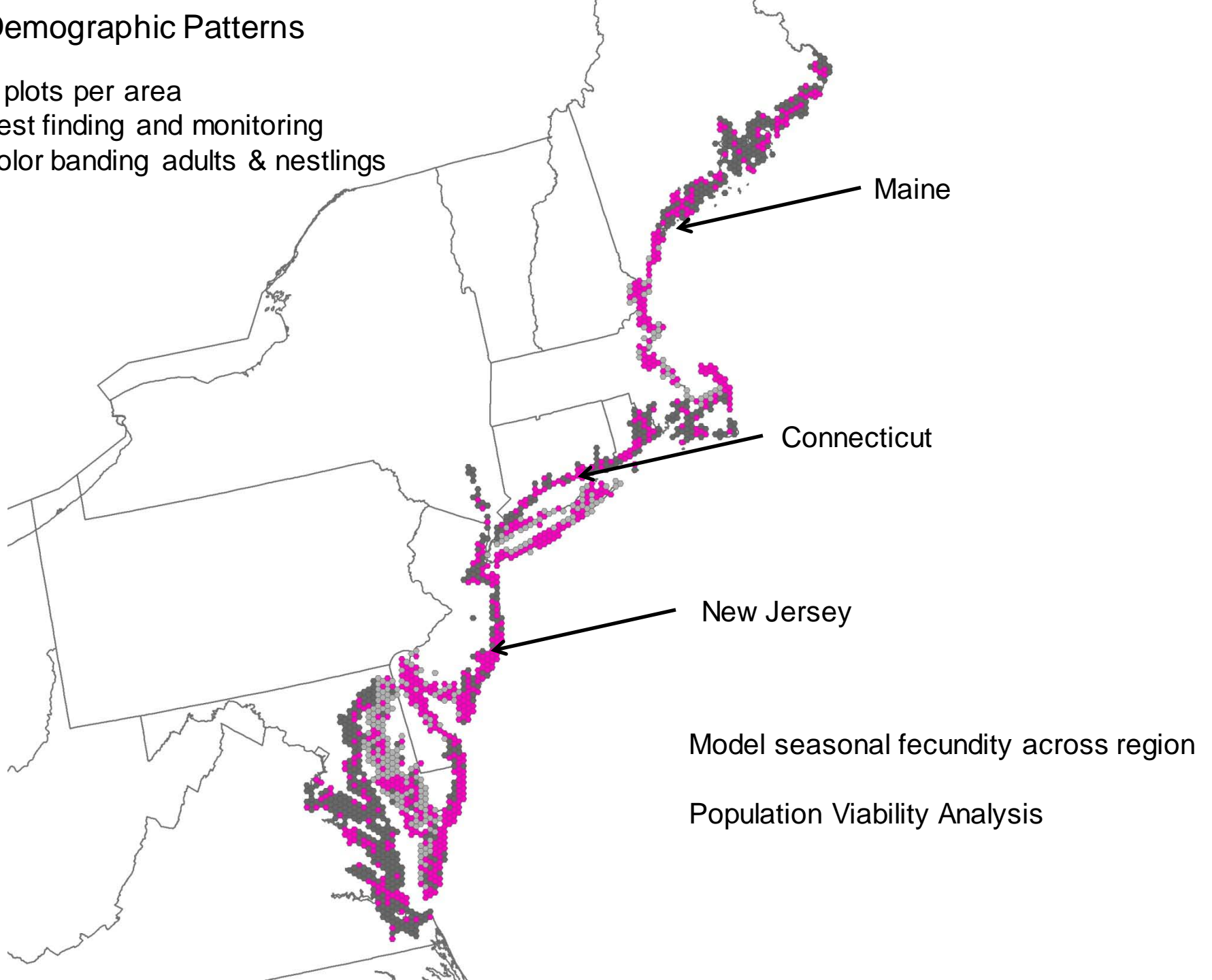
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# Demographic Patterns

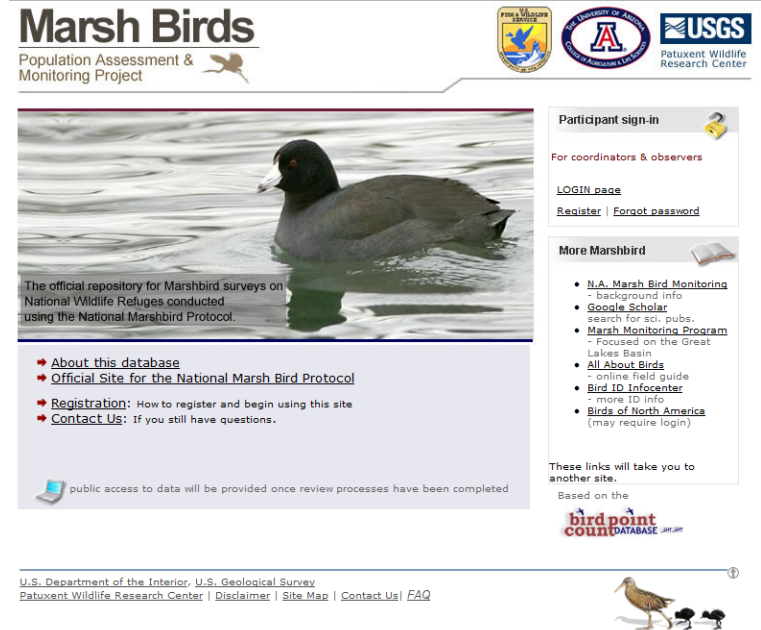
5 plots per area  
nest finding and monitoring  
color banding adults & nestlings



Avian data entered into marsh bird point count database

Data-sharing portal at:  
[www.tidalmarshbirds.org](http://www.tidalmarshbirds.org)

Communicate results at Annual  
Northeast Association of Fish and  
Wildlife Agencies



The screenshot shows the 'Marsh Birds' website. At the top, there are logos for the U.S. Department of the Interior, U.S. Geological Survey, and Patuxent Wildlife Research Center. The main header reads 'Marsh Birds' in a large font, with 'Population Assessment & Monitoring Project' underneath. A central image shows a black-necked grebe swimming in water. To the right of the image is a 'Participant sign-in' section with links for 'For coordinators & observers', 'LOGIN page', 'Register', and 'Forgot password'. Below the image, there is a section titled 'The official repository for Marshbird surveys on National Wildlife Refuges conducted using the National Marshbird Protocol.' followed by a list of links: 'About this database', 'Official Site for the National Marsh Bird Protocol', 'Registration: How to register and begin using this site', and 'Contact Us: If you still have questions.' At the bottom of this section, a note states 'public access to data will be provided once review processes have been completed'. On the right side, there is a 'More Marshbird' section with links to 'N.A. Marsh Bird Monitoring', 'Google Scholar', 'Marsh Monitoring Program', 'All About Birds', 'Bird ID Infocenter', and 'Birds of North America'. At the bottom of the page, there is a footer with the text 'U.S. Department of the Interior, U.S. Geological Survey, Patuxent Wildlife Research Center | Disclaimer | Site Map | Contact Us | FAQ' and a small illustration of a bird.

<http://www.pwrc.usgs.gov/point/mb/>

