

## Informing Turtle Conservation in the Northeast by Thinking Bigger in Space and Time

Dr. Patrick Roberts  
University of Massachusetts  
Conservation Outcomes Webinar Series | August 24, 2023



### Conservation Effects Assessment Project

USDA's [Conservation Effects Assessment Project, CEAP](#), is a multi-agency effort led by the Natural Resources Conservation Service that builds the science base for voluntary conservation efforts nationwide. CEAP findings are used to guide conservation program development and support conservationists, producers and other land managers, and partners in choosing effective conservation actions and making informed management decisions backed by science and data. Assessments are carried out at national, regional, and watershed scales for conservation efforts related to cropland, grazing land, wetlands, and wildlife.

### CEAP Wildlife Assessments

Through CEAP, the Natural Resources Conservation Service assesses the effects of voluntary conservation efforts on select fish and wildlife species across the nation's working lands. Findings from [CEAP Wildlife Assessments](#) empower farmers, ranchers, forest landowners, other private land managers, and partners to identify how and where to invest limited resources most strategically, quantify results and assess conservation outcomes, and leverage lessons learned to improve future conservation delivery to benefit both people and wildlife.

The August 2023 Conservation Outcomes Webinar shares new findings on multi-decade movement patterns and the effects of land use on at-risk freshwater turtle species in the Northeastern United States, including three species being considered for listing under the Endangered Species Act. Findings may be used to inform on-the-ground efforts to support the conservation of these species.

### August 2023 Webinar References

[Conservation Effects Assessment Project Wildlife Assessments](#)

[NRCS Working Lands for Wildlife](#)

[NRCS Working Lands for Wildlife, Northeast Turtles Project](#)

Roberts, H P., Willey, L L., Jones, M T., Akre, T S B., King, D I., Kleopfer, J., Brown, D J., Buchanan, S W., Chandler, H C., deMaynadier, P., Winters, M., Erb, L., Gipe, K D., Johnson, G., Lauer, K., Liebgold, E B., Mays, J D., Meck, J R., Megyesy, J. ... Zarate, B. (2023). Is the future female for turtles? Climate change and wetland configuration predict sex ratios of a freshwater species. *Global Change Biology*, 29, 2643–2654. <https://doi.org/10.1111/gcb.16625>.

H. Patrick Roberts, Lisabeth L. Willey, Michael T. Jones, David I. King, Thomas S.B. Akre, John Kleopfer, Donald J. Brown, Scott W. Buchanan, Houston C. Chandler, Phillip deMaynadier, Melissa Winters, Lori Erb, Katharine D. Gipe, Glenn Johnson, Kathryn Lauer, Eric B. Liebgold, Jonathan D. Mays, Jessica R. Meck, Joshua Megyesy, Joel L. Mota, Nathan H. Nazdrowicz, Kevin J. Oxenrider, Molly Parren, Tami S. Ransom, Lindsay Rohrbaugh, Scott Smith, Derek Yorks, Brian Zarate, Effects of landscape structure and land use on turtle communities across the eastern United States, *Biological Conservation*, Volume 283, 2023, 110088, ISSN 0006-3207, <https://doi.org/10.1016/j.biocon.2023.110088>.

The [Conservation Outcomes Webinar Series](#) provides key findings, data, and tools to support producers and partners in pursuing voluntary conservation efforts across the nation.

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