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| **Hardin Waddle**[[Edit](http://profile.usgs.gov/myscience/general5.php?profile_employeeid=37051)]**Research Ecologist**[Contact Info](http://profile.usgs.gov/waddleh#Contact)**Short Biography** Hardin Waddle currently works as a research ecologist for the USGS, where he serves as the principal investigator for the south-central region of the [Amphibian Research and Monitoring Initiative (ARMI)](http://armi.usgs.gov/). His research interests include population ecology and conservation of amphibians and reptiles, primarily in the wetlands and swamps of the southeastern United States. Waddle received his doctorate degree in wildlife ecology from the University of Florida in 2006. He is also an alumnus of Auburn University (B.S. in wildlife science 1996) and Florida International University (M.S. in biology 2000).**Publications**Walls, S.C., J.H. Waddle, and R.M. Dorazio. 2011. Estimating Occupancy Dynamics in an Anuran Assemblage from Louisiana, U.S.A. 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| Plants and Animals | [invasive species](http://www.usgs.gov/science/science.php?term=602) |
| Plants and Animals | [species diversity](http://www.usgs.gov/science/science.php?term=1089) |
| Plants and Animals | [vertebrates](http://www.usgs.gov/science/science.php?term=1269) |
| Plants and Animals | [wildlife](http://www.usgs.gov/science/science.php?term=1331) |
| Plants and Animals | [wildlife population management](http://www.usgs.gov/science/science.php?term=1333) |
| Ecology and Environment | [aquatic ecosystems](http://www.usgs.gov/science/science.php?term=54) |
| Ecology and Environment | [forests](http://www.usgs.gov/science/science.php?term=410) |
| Ecology and Environment | [habitat alteration](http://www.usgs.gov/science/science.php?term=522) |
| Ecology and Environment | [habitats](http://www.usgs.gov/science/science.php?term=525) |
| Ecology and Environment | [wetlands](http://www.usgs.gov/science/science.php?term=1326) |
| Environmental Issues | [contamination and pollution](http://www.usgs.gov/science/science.php?term=769) |
| Environmental Issues | [land use change](http://www.usgs.gov/science/science.php?term=629) |
| Environmental Issues | [pesticides and herbicides](http://www.usgs.gov/science/science.php?term=879) |
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