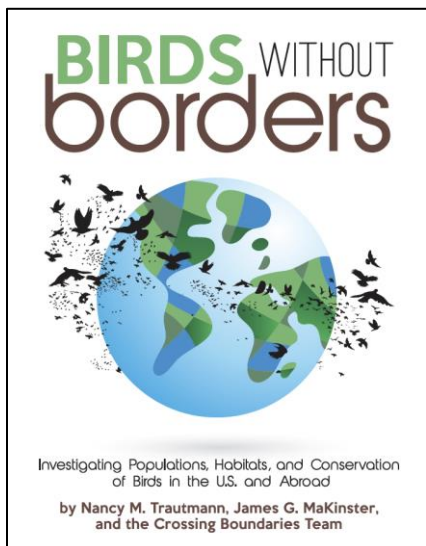


## *Birds Without Borders:* New Text Unlocks Lessons Hidden in Bird Data



Birds, education, and cutting edge technology come together in the new book, “Birds Without Borders: Investigating Populations, Habitats and Conservation of Birds in the U.S. and Abroad.”

Using bird observation data from a number of sources, the text guides teachers and students through specific investigations into questions concerning the habitat needs of nesting birds, modeling bird population trends, tracking birds with citizen science, and more.

While using data sets, geospatial mapping, and other tech tools, students will be exposed to key concepts in science, build quantitative skills, and engage in critical reading and writing while addressing real-world issues relevant to biology, environmental science, general science, and various elective courses.

“‘Birds Without Borders’ provides core content knowledge on how ecosystems function and why birds matter,” says Joseph Kerski, education manager for the Environmental Systems Research Institute. “The book also provides practical lesson plans, hands-on activities and resources. The activities are rich, engaging, and meaningful. They make use of web-based mapping tools and mobile technologies that have become incredibly powerful and yet easy to use, but low-tech options are always included.”

“Birds Without Borders” is part of the [Crossing Boundaries](#) project, and is written by Nancy M. Trautmann, from the [Cornell Lab of Ornithology](#), James G. MaKinster, from [Hobart and William Smith Colleges](#), as well as the Crossing Boundaries team of education specialists, scientists, teachers and students. It can be ordered in print or digital form at <http://giset.com/product/birds-without-borders>.

The Crossing Boundaries project was originally funded by the National Science Foundation to “create resources that engage students in investigations related to biodiversity.”