

Join NatureServe for a Technical Session at the National Military Fish & Wildlife Association 2022 Annual Meeting

A science-based, repeatable, and collaborative workflow to identify priority species and understand their distribution and stewardship responsibility across DoD installations

Monday, March 14th, 9:00am – 11:00am

Drs. Healy Hamilton, Gio Rapacciuolo & Max Tarjan (NatureServe) & Ryan Orndorff (DoD Natural Resource Program)

The Department of Defense (DoD) requires accurate information on the identity, conservation status and distribution of at-risk species that occur on its installations. If these species are listed under the Endangered Species Act (ESA), the DoD's ability to perform training and other activities could be curtailed, compromising the military mission. During this technical session, we will be presenting a workflow and a set of tools co-developed by NatureServe and the DoD Natural Resources Program to generate robust high-resolution estimates of the habitat distribution and stewardship responsibility for imperiled species across DoD installations. Moreover, we will demonstrate how these improved distribution estimates form the basis of a science-based and repeatable framework to identify and prioritize species that may qualify for inclusion as DoD mission priority Threatened, Endangered, and At-Risk Species (TER-S). Overall, this technical session will provide practitioners with a set of tools for better informed decisions about management of Threatened, Endangered, and At-Risk Species on DoD installations.

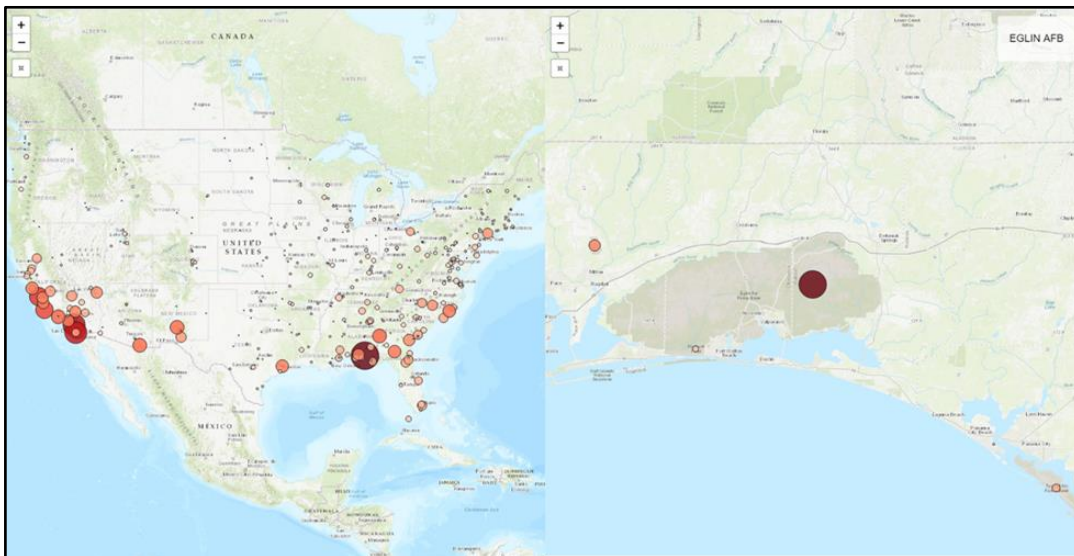


Figure 1. NatureServe Explorer DoD Threatened, Endangered, and At-Risk Species (TER-S) gives users a web mapping interface with TER-S on DoD installations across the conterminous US. DoD installations are mapped using circles, with the radius of each circle and the color darkness proportional to the number of potential candidate TER-S occurring on the installation.

Attendees are encouraged (but not required) to bring a computer to try our tool

