

## Jessica Spencer

Invasive Species Biologist  
Jacksonville District, USACE

[Jessica.e.spencer@usace.army.mil](mailto:Jessica.e.spencer@usace.army.mil)

Jessica Spencer is an Invasive Species Biologist for the US Army Corps of Engineers, Jacksonville District, where she is the lead biologist for invasive species management on Dredged Material Management Areas (DMMAAs). Ms. Spencer has participated in biological control efforts, facilitated restoration projects, developed management plans for control, containment and prevention of invasive species and coordinated interagency efforts to control invasives. She routinely partners with other federal, state and local agencies to address invasive fish, snails, reptiles, mammals and plants and contributed to interagency efforts to develop an Early Detection Rapid Response Decision Framework for the Greater Everglades area and is instrumental in a new cloud-based data collection and sharing technology, revolutionizing the invasive species field nationwide.



Prior to her experience at the Corps of Engineers, Ms. Spencer worked at Lake Mead National Recreation Area for five years, conducting invasive and rare plant surveys and associated land management activities. She worked to organize and implement a "Weed Sentry" invasive species mapping and control program for all of the federal land management agencies (US Fish and Wildlife, US Forest Service, Bureau of Land Management and National Park Service) in the region. Her achievements include the implementation of a buffer zone project to prevent the spread of invasive fountain grass along the shores of Lake Mojave. Her career has also included conducting vegetation surveys and research for the US Geological Survey and Sequoia National Park.

Ms. Spencer currently holds a Pesticide Applicator License from the Florida Department of Agriculture and Consumer Services and is an active member of the Florida Native Plant Society, Florida Exotic Pest Plant Council, Florida Aquatic Plant Management Society, Southeast Exotic Pest Plant Council, Everglades Cooperative Invasive Species Management Area and the First Coast Invasive Working Group. Ms. Spencer earned a Bachelor's Degree in Chemistry and Human & Natural Ecology from Emory University and has taken many graduate level courses related to Ecological Restoration with coursework at University of Nevada, Las Vegas, and the University of Florida.