

CFAES

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES

SEMINAR SERIES

THURSDAY, FEBRUARY 16, 2023

Time: 4:10 p.m. - 5:30 p.m.



“I’m a qualitative girl living in a quantitative world.” A case example for the importance of observational science in a data-driven era.

Dr. Sara Sweeten
Research Scientist
Virginia Tech University

Abstract: Dr. Sweeten will present on how her work with submerged aquatic vegetation (*Vallisneria americana*) has been shaped by old-school observational science and the use of interdisciplinary techniques. Spoiler alert: There will be no statistics in this seminar.

Sara Sweeten is a Research Scientist at Virginia Tech where she earned her PhD in Fish and Wildlife Conservation in 2015. Her doctoral research focused on the effects of surface coal mining and other land uses on stream salamanders. Sara also holds a BS in Fisheries & Aquatic Science from Purdue University and an MS in Biology from James Madison University. Sara has broad interests in active management and ecological restoration of disturbed landscapes, wildlife/habitat interactions, aquatic ecology, and biological integrity of aquatic ecosystems. She also has past experience working with bats, stream fish, benthic macroinvertebrates, aquatic turtles, amphibians, and freshwater mussels. Her current research focus is on the restoration of Submerged Aquatic Vegetation (SAV), particularly wild celery (*Vallisneria americana*). Over the past four years, Sara has developed techniques for growing wild celery in the lab, and for transplanting these plants into the wild.

Location: 164 Howlett Hall

Join via Zoom: <https://osu.zoom.us/j/98889406098?pwd=UEdZQkhPTzRsTzBrTWdSSTM3cG5ZZz09>

Meeting ID: 988 8940 6098

Password: 506773

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