Michael G. Czerwinski, P.A.
ENVIRONMENTAL CONSULTANTS *MGC*

KATIE WAGNER

Environmental Scientist
Michael G. Czerwinski, P.A., ENVIRONMENTAL CONSULTANTS

Ms. Wagner is an Environmental Scientist and GIS Specialist at **Michael G. Czerwinski, P.A. Environmental Consultants**, responsible for conducting wildlife and habitat assessments, gopher tortoise surveys, tortoise relocations, and GIS mapping. Ms. Wagner has a B.S. in Environmental Science & Policy with a minor in Geospatial Science, as well as an M.S. in Environmental Science & Policy from USF. She served as an intern for Boyd Hill Nature Preserve in St. Petersburg, where she gained experience in land management, environmental education, and gopher tortoise surveys. She also worked as a Data Analyst Intern for the Ocean Prediction and Modeling Lab under the USF College of Marine Science. She was responsible for the statistical analysis of water quality data during the untreated sewage release of 2015 in Pinellas County, Florida

PROFESSIONAL EXPERIENCE
Environmental Scientist & GIS Specialist, *Michael G. Czerwinski, P.A., Environmental Consultants,* **Lecanto, Florida.** May 2017 to present. Private environmental consulting operation providing wildlife and habitat assessments, wetland jurisdictional delineations, GIS analysis, water quality sampling, gopher tortoise burrow surveying, listed wildlife permitting and relocation, Phase I Environmental Assessments and specialized environmental studies.

Data Analyst Intern, *Ocean Predictions and Modeling Lab in the USF Marine Science Laboratory*, **St. Petersburg, FL** May 2016 to July 2016. Analyzed data on water quality from Clam Bayou in St. Petersburg, FL using MATLAB and Excel.

Land Management Intern & Environmental Education Intern, *Boyd Hill Nature Preserve*, **St. Petersburg, FL** May 2016 to July 2016. Assisted with invasive plant species management, as well as assisting with prescribed burn preparation in Florida Scrub habitat. Strengthened the knowledge of school-aged children on wildlife ecology, herpetology, field biology, and respect for the environment.

Volunteer, *Heinrich Ecological Services*, **St. Petersburg, FL** May 2016 to June 2016. Applied field science methodology to survey for gopher tortoise burrows in Boyd Hill Nature Preserve for the City of St. Petersburg.

Volunteer, *St. Petersburg Science Festival*, **St. Petersburg, FL** October 2014 and 2015. Provided and encouraged children's education on environmental science, conservation, and marine biology. Assistance was also procided to exhibitors at the science festival.

Volunteer, *Endangered Animals Rescue Sanctuary (EARS)*, **Citra, FL** June 2014 to July 2014. Provided medication and hand feeding to ill and elderly tigers, measured and distributed protein to the big cats, while maintaining the cleanliness of animal enclosures.

AREA OF EXPERTISE: Experience in wildlife and habitat assessments, wetland jurisdictional delineations, Gopher Tortoise Relocation, land management, and invasive plant species management. Ms. Wagner also had five years of training in geospatial science (GIS).

EDUCATION:
- B.S. Environmental Science & Policy at the University of South Florida St. Petersburg (2017)
- Graduate Certification in Geographic Information Systems (2019)
- M.S. Environmental Science & Policy at the University of South Florida (2020)

EXPERIENCE: 3 Years

PROJECT ROLE: Environmental Scientist

PROFESSIONAL REGISTRATION / TRAINING / SKILLS:

FWC Authorized Gopher Tortoise Agent
Experience in MATLAB
Training in ArcGIS, ERDAS, and ENVI
Water Quality Data Analysis
Environmental Education