



**US Army Corps  
of Engineers**®  
Galveston District

# BIOGRAPHY

## **Kelsey Ciarrocca**

Cartographer

U.S. Army Corps of Engineers Galveston District

Ms. Ciarrocca currently serves as the Cartographer for the Acquisition and Realty Services branch of the Real Estate Division at the Galveston District. She has been in this role since 2018 with the primary responsibility of managing the District's real estate Geographic Information Systems (GIS) data and providing mapping support to 8 Realty Specialists within her branch. Ms. Ciarrocca provides her cartography support for a variety of civil works projects in various stages from feasibility to post-construction and occasionally lends her expertise to others in the District for special projects.



During her first year in Galveston, Ms. Ciarrocca completed the District's Civil Works Data Land Migration initiative. Stepping outside her role, Ms. Ciarrocca also served as a Real Estate lead project development team member for 4 projects. In 2020, Ms. Ciarrocca began modernizing real estate processes utilizing Application Programming Interfaces (APIs) to connect software programs to GIS. The resulting work products gave real-time, spatial context to real estate tracking efforts related to rights of entry procurement, non-federal sponsor performance of relocations, and real estate acquisition. The tools she developed have since become enterprise-wide best practices, championed by the Director of Real Estate. For her efforts, Ms. Ciarrocca was recognized in 2021 as the SWG Innovator of the Year and the USACE Real Estate Professional of the Year. In 2022, she was also honored with the USACE Innovator of the Year award.

Prior to joining the Corps, Ms. Ciarrocca worked as a Cartographer at the U.S. Geological Survey (USGS) in Reston, VA for four years. There, she led the development and maintenance of the USGS GIS project websites, MapView, and NGMDB Catalog (National Geologic Map Database). She worked closely with USGS scientists and specialized in LIDAR processing.

Ms. Ciarrocca graduated from George Mason University with a degree in Geography and a double minor in GIS and Intelligence Analysis. While at George Mason, she led several award-winning studies that evaluated network socio-geographic dynamics, firefighter safety, and site suitability. In 2016, she published the Firefighter Safety through Advanced Research (FSTAR) Final Report