

Mapping an Adriatic Island: Geography Field Work in St. Clement, Croatia

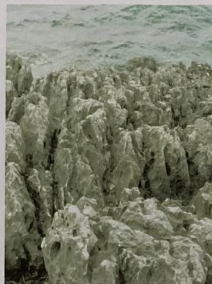
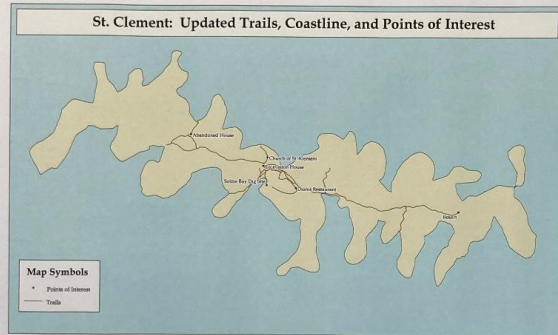
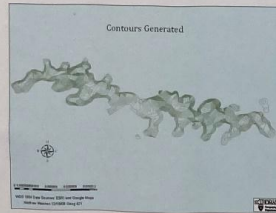
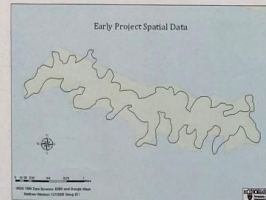
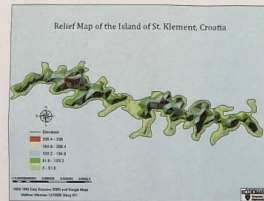
Renee Huset and Matthew Weishan, University of St. Thomas
Faculty Mentor: Dr. Ivančica Schrunk

Why Croatia?

Off the coast of Croatia, in the Adriatic Sea, lies an island of approximately 3.6 square miles with 25.7 miles of coastline. While seemingly insignificant given its lack of economic activity aside from fishing and a resort, St. Clement (Sveti Klement) is of interest to archaeologists and historians for its role as a Roman Salt Works centuries ago. From its jagged perimeter complete with many bays and peninsulas, to its maze of trails and few tracks of remaining arable land, the island is rich with valuable geographic information previously left unknown. The collected data and products made as a result of this project, including accurate maps and elevation models, can be applied to enhance future work in the area, specifically the UST archaeological dig.

What We Did?

During the course of our three week excursion on the island of St. Clement, our two-person team hiked around the entirety of the island in pursuit of Geographic Data. Armed with handheld Global Positioning System (GPS) units, we collected waypoints every 3-7 paces (5-15 feet), which provided us with latitude and longitude as well as elevation data for the perimeter of the island. The goal of this project was to gain a comprehensive understanding of the island and collect spatial data via GPS units and Geographic Information Systems (GIS) software.



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Renee Huset and Matthew Weishan,
research project “Mapping an
Adriatic island: geography fieldwork
in St. Clement, Croatia”

Photos Courtesy of Tom Schwenk and Ron Olson



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