

Spatial Sciences for Marine Environmental Characterization

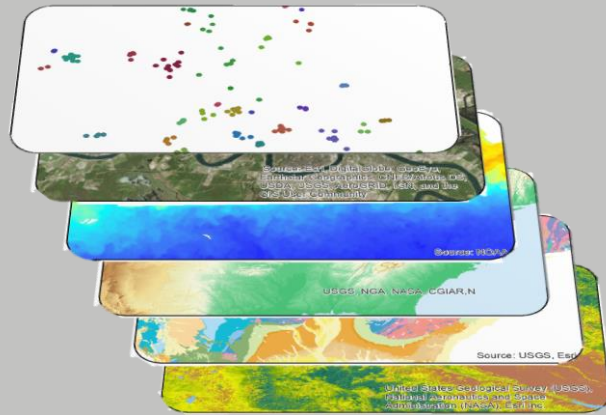
Fall 2018

Instructor: Vincent Lecours

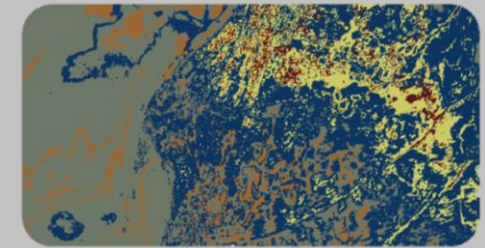
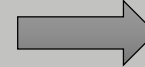
Undergraduate level: FAS4932

Graduate level: FAS6932

An introduction to the geospatial technologies, concepts and methods required to acquire, analyze and manage geographic data used in a context of marine habitat mapping



Habitat Model



Biological and environmental (oceanographic, physical, geological, etc.) data collection, processing and analysis

Habitat classification and species distribution modeling

Map interpretation and use as a mean of communication and spatial decision-support tool

Learn about the fields of cartography, remote sensing, and geographic information systems (GIS), and how to combine oceanography and marine ecology, geomorphology and biology in order to provide an accurate spatial representation of marine habitats

No prerequisites.
Experience with GIS is an asset.
Good follow-up of "Marine Geomatics" (SUR4934).

On-campus delivery
Tuesday, 11:45AM-2:45PM
Reed Lab Room 402

For more information or a copy of the syllabus, contact Vincent Lecours at vlcours@ufl.edu.
Limited enrollment.