

EVPP 430-001 & 505-002

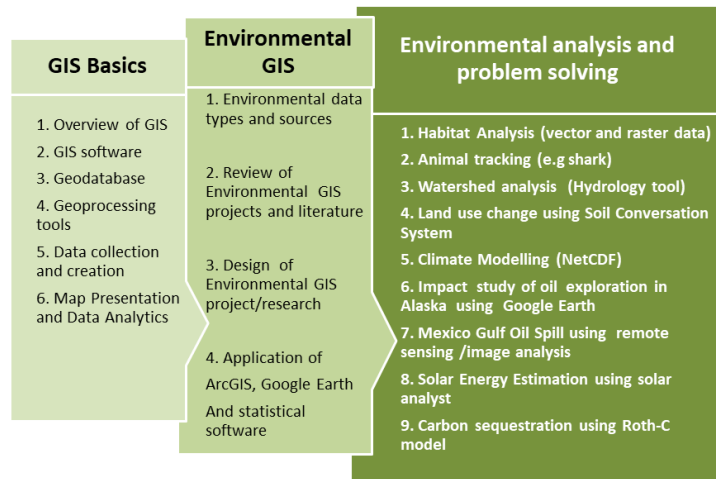
Fundamentals of Environmental Geographical Information Science

INSTRUCTOR:
V. Prasad

Spring 2022
3 CREDITS

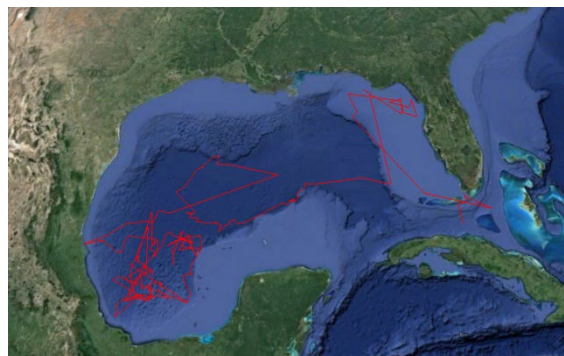
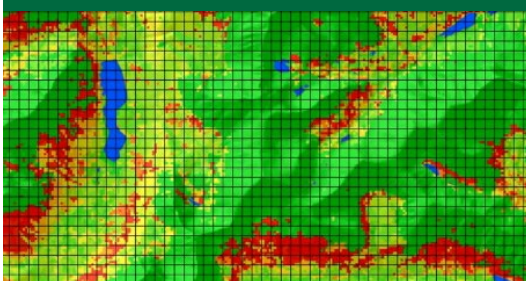
Tuesday and
Thursdays
7:30-8:45 AM
EXPL L111

Framework of Environmental GIS



This course investigates how GIS is currently being used to understand better and address environmental problems, as well as manage and conserve natural resources.

The lectures discuss the basic and current applications of GIS in the environmental dataset, maps, modeling, and analysis and impediments to GIS. Specific topics include climate change, biodiversity conservation, forest management, soils management, agriculture, natural hazards, water resources, environmental challenges in the urban environment, and alternative energy.



Department of Environmental Science and Policy