Marine Biology Data Geographic Information System

Plan

- There are large quantities of Temperature and other data tied to location and time. A GIS database needs to be built that can then be sorted and small quantities of the data output.

- The Marine Biology department has access to many formats of data. In order to analyze these data they need to be able to sort through it for things like location or time period. Meaningful discoveries cannot be made until the data can be analyzed.

Plan

- Interface data with analysis tools such as Matlab, Grass, or QGIS.

Milestone 1

- Define the requirements from Marine Biology
- Familiarize myself with the data
- Choose tool to interface with
- Requirement Document
- Design Document
- Test Plan

Milestone 2

- Implement core features
- Test the core features

Milestone 3

- Add more features
- Test the additions