**Boston University**

**Electrical & Computer Engineering**

**EC463 Senior Design Project**

First Prototype Testing Plan

Coastline Predictor

By

Team 18

Team Sea Rise



Team Members

Beatriz Sicilia [bsicilia@bu.edu](mailto:email1@bu.edu)

Stacia Kolodziejski [skolodz@bu.edu](mailto:email1@bu.edu)

Wenyu (Jessica) Hu [wjhu@bu.edu](mailto:email1@bu.edu)

Saif Alblooshi [sjalbloo@bu.edu](mailto:email1@bu.edu)

Required Materials

Software

* MatLab 2022b
* Imported data files

Set Up

The set up for this test is pretty simple as the only required materials are a computer, MatLab, and the elevation data files. Once the computer is set up, open MatLab and locate the data file of interest (elevation data of the specific region). Then, run the MatLab script to accurately depict the data of the specific region onto a map showing the corresponding elevation.

Testing Procedure

1. Open MatLab script
2. Download elevation data files
3. Import data into MatLab
4. Run script to present map of data

Scoresheet

| Task | Correct? Y/N | |
| --- | --- | --- |
| Import regional elevation data successfully | TIF | LAZ |
| MatLab script run | TIF | LAZ |
| Map generation of the region | TIF | LAZ |

Measurable Criteria

* Data should successfully import into MatLab
* MatLab script should run successfully
* Output shows a map of the elevation on the coastline in the specific region