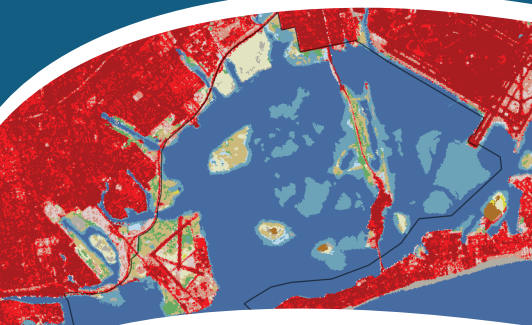# Science Visualization

MEES 708T

2 credits

Course description:

This course will introduce students to methods that will improve their science communication and visualization skills. Students will be introduced to and gain a practical understanding of software and techniques that will be integrated into their science communication skill-set.

Lectures and tutorials will be delivered before class so class time can be spent discussing visualizations produced by students in an interactive fashion.

Course assessment will include a series of small visualization assignments, as well as a final visualization-assembly project.

Learning outcomes:

1) Learn practical skills and software required to create understandable and targeted data visualizations for various audiences.

2) Assemble data visualizations created in a report, poster, oral presentation or other compelling story-format.

3) Critique classmates and understand theory behind good science visualization.

Course delivery:

Spring 2020 (January 31- May 8)

Fridays at 10:00 a.m. - 12:00 pm

Instructors:

Dr. William Dennison &
Team members of the
UMCES - Integration & Application Network

Location details:

This course will be taught using free interactive video software (zoom.us).

We will also have one in-person class meeting in Cambridge or Annapolis.

Registration:

Register online at *http://testudo.umd.edu*

Questions? Contact dtaillie@umces.edu

This an elective or professional development course within the MEES program.

MEES
MARINE ESTUARINE ENVIRONMENTAL SCIENCES GRADUATE PROGRAM

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