

CE 785 Coastal Modeling Research Paper

You are to examine an application of a novel numerical technique to a problem of interest in coastal science and/or engineering. The project can be of several types. The first is a review paper, discussing the numerical method, exhibiting a familiarity with its advantages and disadvantages, and then presenting applications. The second type of project is more of a research paper, applying a novel numerical method to a problem in an original way.

The paper is to be a scholarly effort with well-written text and a reasonable bibliography. The paper represents 20% of your course grade, so it must reflect a significant amount of effort. For a review paper, the grade will be based on evidence of knowledge of the technique and thoroughness of the review (lots of appropriate references). For the project paper, the novelty of the approach taken and the progress made in the effort will receive the most weight. A typical paper will run about 20 pages, of which several pages are references.

The usual rules of scholarly writing apply; the writing must be your own. Citations to the works of others must be done correctly.

A classroom presentation of 20 minutes at the end of the semester will give you a chance to show your work to the rest of the class.