

Term paper (15% of the total grade)

Due by 03 August 2004.

Choose a topic in oceanography which is of your interest and is also an active area of research such as, for example, underwater vehicles and platforms for oceanographic survey and measurements; current research on ocean currents; Tides; dispersal of pollutants in oceans; underwater acoustics and tomography; effect of underwater sound experiments and vehicle noise on marine mammals; recent theories on El Nino; nonlinear air-sea interactions; satellite oceanography etc., to name a few.

Based on a few recent papers related to the topic you have chosen, write an about 10-page long *survey* paper explaining the findings of recent research, various models and methods developed, issues yet to be resolved, and scope of future research. The quality of review is expected to be as that of *Introduction and Background* section of a research proposal or a thesis. The final paper (about 10 pages) is due by **03 August 2004**.

While the topic of the paper can be in the general area of your specialization, the term paper must NOT be a part of your thesis. Effort, independent of your other research efforts, is expected for the present paper. Write the report in your own words and not reproduce/copy from the works of others. If occasionally quoting from other papers, please cite the reference at the end of the quotation.

Following are a few scientific journals that report research in oceanography and available in FAU library at Boca Campus:

Journal of Geophysical Research - Oceans
Journal of Physical Oceanography
Tellus
Deep-Sea Research
Journal of Marine Research
Continental Shelf Research

You may refer to online journals and reports also. Please state all sources of references in the paper.

Please write to me (ananth@oe.fau.edu) if you have any questions, in particular about the topic on have in mind for the project.
