

## P2300 Term Paper

Paper is due in class on **November 24**.

Paper should be about 5 pages in length and **should include information from recent journal publications**. The topic can be any topic from Physical Oceanography. Here are some suggestions:

Deep Convection	Coastal Upwelling
Wind Waves	Ekman Transport
Tsunamis	Geostrophic adjustment
Non-linear Waves	Salinity Measurement
Rossby Waves	Current Measurement
Numerical Modelling	Ocean Currents
Thermohaline Circulation	Estuarine Circulation
Internal Waves	Water Masses
Ocean Mixing	Turbulence
El Nino	The Gulf Stream
Beta-plane dynamics	Eddies
Baroclinic instability	Storm Surges
Barotropic instability	Tides
Zonal jets in the ocean	

### Reference Journals

Nature  
Science  
Journal of Physical Oceanography  
Journal of Geophysical Research –Oceans  
Geophysical and Astrophysical Fluid Dynamics  
Journal of Fluid Mechanics  
Journal of Atmospheric and Oceanic Technology  
Deep Sea Research  
Continental Shelf Research  
Atmosphere-Ocean