Introduction to physical oceanography

Abstract
“This textbook covers physical-oceanographic processes, theories, data, and measurements, targeted at upper-division undergraduates and graduate students in oceanography, meteorology, and ocean engineering. In addition to the classical topics, the author includes discussions of heat fluxes, the role of the ocean in climate, the deep circulation, equatorial processes including El Nino, databases used by oceanographers, the role of satellites and data from space, ship-based measurements, and the importance of vorticity in understanding oceanic flows. Students should have studied differential equations and introductory college physics, although math is de-emphasized.”--Open Textbook Library.

Citation
Oceanography (EESC4925). 121 commits. 1 branch. 0 releases. 3 contributors. Jupyter Notebook 100.0%. Jupyter Notebook. README.md. Intro to Physical Oceanography. This repository contains course materials for EESC4925. The lecture notes are in the form of interactive Jupyter Notebooks. View the lecture notes online. The links below will render the notebooks via the nbviewer service, which allows some of the fancy interactive graphics to be viewed online. If you browse directly to the notebooks on github, they may not show up properly. So please use these links. Foundations. 1: Ocean Bathymetry. An Introduction to Physical Oceanography. Version 4.1 April 2002. Contents: Portugues Espanol Italiano. How to use these notes. Introduction 1: An opening lecture. © 1996 - 2000 M. Tomczak. This CD-ROM is based on my lecture notes for the physical oceanography part of the First Year undergraduate topic Marine Sciences 1 at the Flinders University of South Australia in Adelaide. They constitute an elementary text but are not a substitute for a proper textbook. Residents of countries in Latin America, Africa and Asia (except Japan) can obtain a free copy of this CD-ROM from the Intergovernmental Oceanographic Commission of UNESCO. To obtain your copy, send an email to Mr. Bernardo Aliaga at, with a copy of your message to me.