

This is a collection of Matlab scripts intended for 12.808, Introduction to Observational Physical Oceanography (and perhaps for Introduction to Fluid Mechanics as well).

by Jim Price, August 2007, revised September 2008.

public domain for all educational purposes.

There are four subdirectories, each of which have their own readme of some sort:

hydrography: equation of state of sea water, geostrophic currents, mystery stations, etc.

dynamics: advection and diffusion, Earth's rotation, Ekman layer and a little more.

seawater: equation of state scripts by CSIRO. Used by many other scripts, and included here to make this complete.

WOCEbottles: allows easy access to selected WOCE hydrographic section bottle data.