

## FUN POPULAR READING ASSIGNMENTS FOR INTRODUCTORY OCEANOGRAPHY.

Compiled by Hilary Lackey for *Cutting Edge* oceanography workshop (2013)

Bjornerud, Marcia. 2006. Reading the Rocks: An Autobiography of the Earth. Basic Books. - chapter on “reading rocks” can be applied to oceanography (I use it in introductory geology courses)

Bryson, Bill. 2003. A Short History of Nearly Everything. Broadway Books. – Good chapters on water and ocean exploration; plate tectonics is good for geology or oceanography

Eriksen, Marcus. Tracking Tsunami Flotsam. *Natural History*. Jul/Aug 2012, Vol. 120 Issue 7, p18-23. – where the debris from the 2011 Japanese tsunami went

Flannery, Tim, 2005 The Weather Makers. Atlantic Monthly Press. - I use the chapters on atmosphere and greenhouse gases.

Motani, Ryosuke. 2004. Rulers of Jurassic Seas. *Scientific American*. Special Edition, Vol. 14 Issue 2, p. 4-11. – beautiful pictures and cool facts about the deep-diving Ichthyosaurs

Scott, Michon. 2012. Climate and Fish Sticks. *Climate Watch Magazine*. NOAA. <http://www.climatewatch.noaa.gov/article/2012/climate-fish-sticks>  
- about global warming and the Alaskan pollock; great for introducing the interconnectedness of the ocean-atmosphere-biosphere

Valley, John W. 2005. A Cool Early Earth? *Scientific American*. Vol. 293, Issue 4, p58-65. – about the oldest known earth material, the Jack Hills zircon. Explains in simple terms the geochemistry that suggest presence of liquid water 4.4 Ga

Ward, Peter. 2006. Impact from the Deep. *Scientific American*. Vol. 295 Issue 4, p64-71. – about the ocean overturn hypothesis in the end Permian mass extinction

Wong, Kate. 2002. The Mammals that Conquered the Seas. *Scientific American*. Vol. 286 Issue 5, p70. – excellent article about the evolution of whales, with discussion of paleontology

Woods Hole Oceanographic Institute. 2007. *Fertilizing the Ocean with Iron: Should we add iron to the sea to help reduce greenhouse gases in the air?*  
<https://www.whoi.edu/oceanus/viewArticle.do?id=34167>