Homework Assignment #7
Due 27 May 2015
40 points

This homework is designed to give you practice synthesizing peer-reviewed references, and writing essay-style answers (i.e. from the midterm and final). The papers are on the class website.

1. Ware & Thomson and Rykaczewski and Checkley both argue that the California Current biology (through fisheries) is dominated by upwelling dynamics. We’ve referred to a few papers on the apparent trends in global productivity related to climate change—based on these two papers (Ware, Rykaczewski), what would you predict the California Current is likely to be like in 100 years, in terms of overall productivity and fisheries production? (15 POINTS)

2. Jackson et al. propose a fundamentally different view of fisheries production globally, based more on man’s influence on trophic dynamics. Based on that paper, what would you predict the California Current would be like in the next 100 years? Is it similar or different to your view of the system based on 1? (15 POINTS)

3. For your paper/proposal, you need to include references for everything you use. As practice, provide citations for the three papers (please include the citation format you are using). (10 POINTS)