Pensum BIO208 spring 2017

The BIO 208 pensum, or Reading List, is made up of readings from the scientific literature and reports of governmental and non-governmental organizations. The main reading list is given here, and it will be added to throughout the semester.

Main reading list:

Holmer M, Black K, Duarte CM, Marba N, Karakassis I (2008) Aquaculture in the Ecosystem. Springer Netherlands doi: 10.1007/978-1-4020-6810-2 (available to download as an e-book through UiB library)

FAO, Food and Agriculture Organization of the United Nations. (2016). SOFIA. The State of World Fisheries and Aquaculture 2016. Contributing to food security and nutrition for all. Rome. 200 pp. http://www.fao.org/3/a-i5555e.pdf

Preliminary, suggested, reading list (examples of papers to be used):

Buschmann, A. H., Cabello, F., Young, K., Carvajal, J., Varela, D. A., & Henríquez, L. (2009). Salmon aquaculture and coastal ecosystem health in Chile: Analysis of regulations, environmental impacts and bioremediation systems. Ocean & Coastal Management, 52(5), 243-249. http://dx.doi.org/10.1016/j.ocecoaman.2009.03.002

Cole, D. W., Cole, R., Gaydos, S. J., Gray, J., Hyland, G., Jacques, M. L., . . . Au, W. W. (2009). Aquaculture: Environmental, toxicological, and health issues. International Journal of Hygiene and Environmental Health, 212(4), 369-377. http://dx.doi.org/10.1016/j.ijheh.2008.08.003

FAO, Food and Agriculture Organization of the United Nations. (2012). SOFIA. The State of World Fisheries and Aquaculture 2012. FAO Fisheries and Aquaculture Department. Rome http://www.fao.org/docrep/016/i2727e/i2727e.pdf

FAO, Food and Agriculture Organization of the United Nations. (2014). SOFIA. The State of World Fisheries and Aquaculture 2012. FAO Fisheries and Aquaculture Department. Rome http://www.fao.org/3/d1eaa9a1-5a71-4e42-86c0-f2111f07de16/i3720e.pdf

Grigorakis, K., & Rigos, G. (2011). Aquaculture effects on environmental and public welfare – The case of Mediterranean mariculture. Chemosphere, 85(6), 899-919. http://dx.doi.org/10.1016/j.chemosphere.2011.07.015

Hovik, S., & Stokke, K. B. (2007). Balancing aquaculture with other coastal interests: A study of regional planning as a tool for ICZM in Norway. Ocean & Coastal Management, 50(11-12), 887-904. http://dx.doi.org/10.1016/j.ocecoaman.2007.05.003

Husa, V., Kutti, T., Ervik, A., Sjøtun, K., Hansen, P. K., & Aure, J. (2013). Regional impact from fin-fish farming in an intensive production area (Hardangerfjord, Norway). Marine Biology Research, 10(3), 241-252.

http://dx.doi.org/10.1080/17451000.2013.810754

Primavera, J. H. (2006). Overcoming the impacts of aquaculture on the coastal zone. Ocean & Coastal Management, 49(9–10), 531-545.

http://dx.doi.org/10.1016/j.ocecoaman.2006.06.018

Read, P., & Fernandes, T. (2003). Management of environmental impacts of marine aquaculture in Europe. Aquaculture, 226(1–4), 139-163.

http://dx.doi.org/10.1016/S0044-8486(03)00474-5

Skaala, Ø., Sjøtun, K., Dahl, E., Husa, V., & Bjørge, A. (2013). Interactions between Salmon Farming and the Ecosystem: Lessons from the Hardangerfjord, Western Norway. Marine Biology Research, 10(3), 197-198.

http://dx.doi.org/10.1080/17451000.2013.840731

Tiller, R., Brekken, T., & Bailey, J. (2012). Norwegian aquaculture expansion and Integrated Coastal Zone Management (ICZM): Simmering conflicts and competing claims. Marine Policy, 36(5), 1086-1095.

http://dx.doi.org/10.1016/j.marpol.2012.02.023

Vezzulli, L., Moreno, M., Marin, V., Pezzati, E., Bartoli, M., & Fabiano, M. (2008). Organic waste impact of capture-based Atlantic bluefin tuna aquaculture at an exposed site in the Mediterranean Sea. Estuarine, Coastal and Shelf Science, 78(2), 369-384.
http://dx.doi.org/10.1016/j.ecss.2008.01.002