

## **Short course in Fisheries Management 30. Sept. – 3. Oct. 2013, Reykjavik, Iceland**

### **30. September afternoon assignment:**

During the ICES conference, you will undoubtedly here a lot of talks on subjects that you are unfamiliar with, or whose main research question you do not fully understand. Through the conference, keep a list of topics or questions that sound interesting to you but you know little about. On the first day of class, each person will read a few (1 - 3) of the questions he/she was most interested in. (If there is a topic you want to pursue, make it into a question... what is \_\_\_? Also, if you do not attend ICES, just join a group with an interesting question on the first day of class.) Then you will break into small groups (2 – 3 people) to research as much background information on the subject you can in the 2.5 hr time available to you, and make a 5 -10 min. presentation on the subject that will inform and teach the rest of the class on your subject. Probably you will only have time to pick out a few graphs or figures to present in a powerpoint, so I don't expect you to have more than ~5 slides. Most of your presentation would then be focused on talking (feel free to use notes), so focus on the organization, clarity, and take-home messages regarding what you learned as an introduction to your question. (By the way, its ok to still not understand your topic completely after this exercise, so feel free to choose a difficult topic).

*Some suggestions for kinds of topics to pursue (these are biased toward my field of study so feel free to think more broadly):*

- A particular statistical analysis or technique (e.g., VPA, "data-poor" methods, Bayesian methods, multi-species models, the role of selectivity or catchability or natural mortality in single-species models, the role of environmental data in stock assessment, management strategy evaluation, risk assessment, etc.)
- How certain fisheries management regulations are implemented in different locations (e.g., catch shares, effort controls vs. total catch, ecosystem-based management)
- Any of the symposium topics

*Some questions that can be used to help structure your talk:*

- When or where is \_\_\_ used? Under what conditions?
- When or where is \_\_\_ problematic? Under what conditions?
- Who has used/studied \_\_\_ before? For what purposes?
- Pros / cons?
- Recent research?
- Why is \_\_\_\_\_ an important contribution to fisheries management?
- What do you still not understand about \_\_\_?