Paper presentation (55 points) and paper (50 points) Instructions

Paper is due Monday by 5:00 pm on week following your presentation, to Dr Mangin’s office, BSE 107. Slip under door if necessary. You can revise your paper and hand it in again to Dr. Mangin within one week of getting it back, for a new grade.

Exception: Those going on the last day, Dec 8, paper is due that day by 5 pm. You will get your paper back, graded, Friday, Dec 10 by 5:00 pm. You can hand it in with revisions for a regrade, as long as it is handed back by Wednesday, Dec 14 at 5 pm.

Your paper must be typed, double-spaced with 12-point font, Times or Times Roman. You must hand in both a hard copy and send an electronic copy as an attachment in word to Dr. Mangin (mangin@u.arizona.edu). All papers must include three references from the primary science literature and they must be cited in the body of the text. For example, you would cite a paper by Rose and Jones in this way: Sea turtles can maintain their body temperature above that of the surrounding water (Rose & Jones 2005). Use a conventional way to cite papers and be consistent. You can find examples of citation styles online. Or you can use the citation style used in the article on Marine Protected Areas.

New Stations
Each must also state a connection to the Arizona State Standards for Science (Life Science, or another science if it is more appropriate for your station). State the grade you are targeting and choose a “Concept” for that grade that you are addressing with your station.

The URL for the AZ State Standards (click on “Science Strand 4: Life Science”) is: http://www.ade.state.az.us/standards/science/articulated.asp

Write up for new stations must include answers to the components listed (goals and #1-8) on the handout “Constructing a lesson” handout. Under “goal” include the concept and grade you are addressing with your station.

For your presentation, if possible, do the station with us as if we are a class of kids.

Peer Topics (lecture, etc)
For your presentation, you can do PowerPoint, or use overheads, or another mode, but be sure to include visuals. Feel free to use video (no more than 5-7 minutes max per 20 minute presentation), or music. For the interactive part of your talk, it can be doing one “think/pair/share”, timed writing, talk to your neighbor, or one to two well-worded questions that you ask us at some point in your talk. Or it can be more extensive. It does not need to take up more than a small part of your presentation if you prefer to present mostly lecture. But we want you to try something interactive, and encourage you to try one of the techniques in the “Leading Active Classrooms” handout.