Instructor: Lucy Hutyra  
Department of Earth & Environment, STO 439C  
Phone: 617-353-5743

Office Hours: Tuesday 10am-Noon

Lecture Location: STO 141C

Required Text: None. Readings from the primary literature, assigned.

Website: Documents will be posted to Blackboard

Course Requirements:
1. Attend all sessions
2. Read and present research findings
3. Data synthesis and analysis

Grading:
1. Attendance at weekly meetings 50 Points  
2. Preparedness and regularity of participation 50 Points  
3. Data analysis 50 Points  

Total 150 Points

Objective
This course has two objectives: (1) learning to read and synthesize the scientific literature, and (2) learn scientific sampling methods, data analysis, and data synthesis. To develop these skills, this practicum will use the scientific literature, publically available data, and new data that we collect. As a group, we will choose focal topic(s), identify data, discuss methodological challenges, and carry out numeric analysis and synthesis. This topic will serve as the focal point for a full semester of reading, analysis and synthesis. We will read from the primary scientific literature throughout the semester. The first 1-3 weeks of the course will be spent clearly defining the focal topic(s) and reading the fundamental literature in that area.

Independence of Work and Academic Conduct
The students in this course are expected to work together throughout the semester. Each student will be evaluated based on her/his contributions to the course, as well as his/her ability to work with the other students. Questions regarding independence of work will be addressed by the instructor. Additional questions can be answered by reading the College of Arts and Sciences Academic Conduct policy:  
www.bu.edu/cas/students/graduate/forms-policies-procedures/academic-discipline-procedures