Purpose:
The purpose of the course is to expose upper division students to current environmental issues, problems and policies, presented by professionals who are working in the field, in the real world outside the sheltered walls of academia. Students are majoring in various disciplines, including environmental studies, marine sciences, economics, sociology, business, chemistry, political science, earth & space sciences, health science, astronomy and anthropology. This course emphasizes effective communication skills as essential to productive careers in environmental science, education, policy, advocacy, law, journalism and public service.

Learning Objectives

- Summarize scientific, socioeconomic, legal and legislative aspects of current environmental issues and policies.
- Comprehend current environmental issues and policies of ENS 301 local, regional and global significance.
- Compare land use practices and reform, farmland and open space preservation; soil and water conservation; wetlands protection and rehabilitation; waste management and reduction, recycling and composting; air pollution, global warming and sea level rise; and marine wilderness areas.

Syllabus:

- presentations by the SoMAS Instructors;
- presentations by guest instructors;
- a 15 minute oral presentation by each student on an approved topic of their choice;
- written assignments in the form of two Op-Ed articles on topics chosen by the instructors; the best of which may be sent to the New York Times, Newsday or Stony Brook campus newspapers for consideration;
- the preparation of a business letter to some governmental organization, NGO or newspaper on a contemporary environmental topic, chosen by the students. Approved letters will be sent to the recipients, and return information shared with the class.
- Final closed book exam; written essays on several selected professional presentations.

Composition of final grade (100%)
Oral presentation: 20%
Two Op Eds (20% each): 40%
Business letter: 20%
Final exam: 20%

**Schedule:**

Location: Endeavour Hall 120, Monday evenings 5:30 - 8:20 pm  
Class  
Email: ens301@gmail.com  
Instructor: Dr Malcolm Bowman, Marine Sciences, SoMAS  
Tel: 631-632-8669  
Instructor: Dr Larry Swanson, Waste Reduction and Management Institute, SoMAS  
Tel: 631-632-8704  
TA: TBA

Tentative Speakers and Topics

1. Rich Murdocko, Founder of The Foggiest Idea  
   LI Planning issues & skills needed

2. Steve Englebright, NYS Legislature Hydrofracking in NYS

3. Jim Ruocco, Operation Splash Environmental education & cleanups of LI South Shore

4. Dan Galuzio, Community Planning Inc Future development in Suffolk County

5. Joseph Vietri, US Army Corps of Engineers, North Atlantic Coast Comprehensive Study, Director National Planning Center for Coastal & Storm Damage

6. Chris Soller, Superintendent, Fire Island National Seashore  
   Challenges in Managing multi-use National Parks

7. Kara Hahn, Suffolk County Legislator Citizenship and Environmental Advocacy

8. Dick Amper, Long Island Pine Barrens Society Executive Director  
   Protecting the Pine Barrens from ever-present threats

9. Joel Biddle, Eastern Farmworkers Association  
   Organizing for a Living Wage for Farm Workers
10. Daniel Karpen Huntington LI; environmental advocate LI: Ecological history of LI's destruction (1635 - present)

11. Beth Fiteni Green Inside and Out Consulting Inc Toxics in the environment and what to do about it

12. Demian Chapman SoMAS Regulation of Int'l trade in dried shark fins