



SPRING 2016 SEMINAR SERIES

DEPARTMENT OF OCEAN, EARTH, AND ATMOSPHERIC SCIENCES
3PM – ROOM 200 IN THE OCEANOGRAPHY/PHYSICS BUILDING
THURSDAY MARCH 31st, 2016

“Some new insights on coastal nitrogen pollution”

Dr. Robert W. Howarth

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ABSTRACT

Dr. Howarth will briefly update how human activity has altered the nitrogen cycle at the global scale, and how regional trends have affected nitrogen pollution to estuaries and coastal oceans over the past several decades. He also will discuss how global climate change may be increasing the sensitivity of many coastal marine ecosystems to nitrogen pollution. Finally, he will explore some of the latest evidence on how coastal marine ecosystems respond differently to nutrient pollution than do lakes, and draw on his observations from a heavily nitrogen-impacted seagrass lagoon on Cape Cod, MA.

AFTER THE SEMINAR, PLEASE JOIN US IN ROOM 404, THE ZANEVELD CONFERENCE ROOM, FOR COFFEE AND COOKIES, AND TO MEET WITH THE SEMINAR SPEAKER.