



Institutes

SoMAS houses these mission-oriented institutes:

- Institute for Terrestrial and Planetary Atmospheres
<http://atmos.msrc.sunysb.edu>
- Institute for Ocean Conservation Science
www.oceanconservationscience.org
- Long Island Groundwater Research Institute
www.somas.stonybrook.edu/institutes/ligri
- Waste Reduction and Management Institute
www.somas.stonybrook.edu/institutes/wrmi
- Living Marine Resources Institute
www.somas.stonybrook.edu/institutes/lmri

Partner Institutions

- The Blue Ocean Institute
www.blueocean.org
- Atlantis Marine World
www.atlantismarineworld.com
- The Riverhead Foundation for Marine Research and Preservation
www.riverheadfoundation.org



SoMAS

School of Marine and Atmospheric Sciences

STONY BROOK UNIVERSITY

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Research

SoMAS conducts fundamental research designed to increase understanding of the processes that characterize the oceans and the atmosphere.

SoMAS researchers explore solutions to environmental problems that affect the local area around Long Island, as well as issues that impact the entire globe. SoMAS offers significant expertise in:

- Environmental Modeling and Prediction
- Patterns and Impacts of Climate Change
- Environmental Health and Contaminants
- Conservation and Management of Marine Resources
- Biogeochemical Transformation of Energy and Elements

Education

As environmental problems take center stage, understanding the Earth's ocean and atmospheric systems will be increasingly important. SoMAS prides itself on training the next generation of scientists and environmental decision-makers. We are the only institution in New York that offers undergraduate and graduate degrees in the Marine Sciences.

SoMAS offers four undergraduate degree programs:

- B.S. Atmospheric and Oceanic Sciences
- B.S. Marine Sciences
- B.S. Marine Vertebrate Biology
- B.A. Environmental Studies

SoMAS offers two graduate degree programs:

- M.S. Marine and Atmospheric Sciences
- Ph.D. Marine and Atmospheric Sciences

Students in SoMAS programs have the opportunity to get to know and work closely with world class faculty, take field courses, and conduct research in a wide range of coastal and oceanic environments. SoMAS offers classes at the Stony Brook and Southampton campuses.

Public Service

SoMAS develops and communicates innovative solutions to the environmental problems of society at local, regional, national, and global scales.

SoMAS works closely with natural resource managers, planners, coastal businesses, environmental groups, and elected officials at all levels of government to ensure that decisions affecting the environment benefit from the best available scientific knowledge.

SoMAS conducts a number of public outreach programs, often in collaboration with local educational or community organizations.