The Department of Marine, Earth and Atmospheric Sciences (MEAS) covers a broad range of disciplines with one overarching goal: a deeper understanding of the Earth's environment. MEAS takes an interdisciplinary, integrated systems-based approach to studying our planet's air, crust, and water. This interdisciplinary viewpoint is particularly important today, in light of accelerating global changes and increasing corporate and public interest in environmental health and the stewardship of our natural resources. Addressing these complex issues requires more than narrow training in a single discipline. MEAS graduates can be equipped for tasks as diverse as improving severe storm forecasting; assessing the potential effects of oil exploration and mining; modeling global climate trends or coastal flooding; understanding the transport of air pollutants from industrial centers, remote satellite observation of our planet's surface; or devising plans to minimize erosion, harmful algal blooms and the pollution of our streams, lakes, and estuaries.

MEAS offers:

- Degrees and minors in meteorology, geology, marine sciences, and natural resources
- Minors in meteorology, geology, and marine sciences
- Semester at CMAST, an opportunity to spend a spring semester on the shore of Bogue Sound, in Morehead City
- A departmental honors program in which participants receive enhanced coverage of academic material and are involved in research.
- Opportunities for undergraduate research, cooperative education, and Internships
- Award–winning facilities that include state of the art classrooms, teaching laboratories, computing facilities, and research
- Partnerships with the State Climate Office and the National Weather Service, which are housed on NC State’s Centennial Campus

For more information about this department, visit our website (https://meas.sciences.ncsu.edu/).
Research Professors
O. Brown
K.E. Kunkel
C.R. Philbrick
W. Showers

Teaching Professor
C. Thomas

Professor Emeriti
S.P. Arya
J.M. Davis
D. DeMaster
J.C. Fountain
J. Hibbard
T. S. Hopkins
L.J. Pietrafesa
S. Raman
F. Semazzi

Associate Professors
A.R. Aiyyer
E. Hyland
R. Paerl
A. Schnetzer, Associate Department Head
K.W. Wegmann

Associate Professor Emeriti
C.E. Knowles
A.J. Riordan
P.T. Shaw
E.F. Stoddard
D.L. Wolcott
T. Wolcott

Teaching Associate Professor
E. Falk

Assistant Professors
C. Arendt
C. Davis
M. Ellis Curry
D. Hamilton
S. Larson
Z. Qu
C. Rey-Sanchez
A. Soldati
S. Zhang

Research Assistant Professors
A. Curry
L. Hughes
J. Zambon

Lecturers
C. Congreve
B. Eder
R. Mera

Senior Research Scholar
B. Coffer
M. Miller

Adjunct Professors
B. Colle
D. Easterling
P. Hamilton
R.S. Harmon
D. Kingsmill
L. Baker Perry  
S. Yu  
Y. Zhang  

Adjunct Associate Professors  
W. H. Battye  
J. Cunningham  
J. Rudek  
S. White  

Adjunct Assistant Professors  
G.W. Bell  
M. Brennan  
L. Daniel  
K. Dello  
N. Kang  
B. Kravitz  
S.B. Phillips  
J. A. Stanley  
R.C. Tacker  

Plans  
• Geology (BS) (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/geology-bs/)  
• Geology (Minor) (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/geology-minor/)  
• Marine Science (Minor) (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/marine-science-minor/)  
• Marine Sciences (BS): Biological Oceanography Concentration (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/marine-sciences-bs-biological-oceanography-concentration/)  
• Marine Sciences (BS): Chemistry Concentration (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/marine-sciences-bs-chemistry-concentration/)  
• Marine Sciences (BS): Geology Concentration (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/marine-sciences-bs-geology-concentration/)  
• Marine Sciences (BS): Meteorology Concentration (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/marine-sciences-bs-meteorology-concentration/)  
• Marine Sciences (BS): Physics Concentration (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/marine-sciences-bs-physics-concentration/)  
• Meteorology (BS) (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/meteorology-bs/)  
• Meteorology (BS): Marine Sciences Concentration (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/meteorology-bs-marine-sciences-concentration/)  
• Meteorology (Minor) (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/meteorology-minor/)  
• Natural Resources (BS): Marine and Coastal Concentration (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/natural-resources-bs-marine-coastal-concentration/)