



Our Faculty

College of Engineering

Department of Marine and Environmental Systems

“The DMES program has some of the top researchers in the country. It was the opportunity of a lifetime to work with them.”

Graduate student



Department Head/Professor

George A. Maul, Ph.D.

gmaul@fit.edu

marine meteorology, climate and sea level change, maritime natural hazards, physical oceanography, remote sensing



Associate Department Head/Oceanography and Environmental Science Program

Chair/Professor

John G. Windsor Jr., Ph.D.

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Ocean Engineering Program Chair/

Associate Professor

Stephen L. Wood, Ph.D., P.E.

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ocean energy systems, underwater robotics, underwater vehicles, advanced navigation and control systems



Professor

Thomas V. Belanger, Ph.D.

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limnology, chemistry and biology of natural waters, groundwater/surface water interaction, environmental impact assessment, water resources



Professor

Geoffrey W.J. Swain, Ph.D.

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marine corrosion and fouling, hydrographic and benthic surveys, materials, biofouling, offshore technology, ship operations



Professor

John H. Trefry, Ph.D.

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trace metal geochemistry and pollution, geochemistry of rivers, global chemical cycles

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Department of Marine and
Environmental Systems**

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Professor

Gary A. Zarillo, Ph.D.
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marine geology, coastal geology, sedimentology, barrier islands, tidal inlet processes, remote sensing, numerical modeling of coastal and estuarine processes



Associate Professor

Charles R. Bostater Jr., Ph.D.
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environmental modeling, remote sensing, estuarine particle dynamics, water quality instrumentation, environmental optics, environmental geophysical fluid dynamics, physical oceanography, surface and subsurface sensing technologies



Associate Professor

Kevin B. Johnson, Ph.D.
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water column ecology, planktonic abundance and distributions, larval ecology, invasive species



Associate Professor

Steven M. Lazarus, Ph.D.
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analysis of the planetary surface layer, high resolution wind and wave modeling, evaluation of hurricane wind speed probability forecasts, data assimilation, wave climate



Associate Professor

Prasanta K. Sahoo, Ph.D., FRINA, MSNAME

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fluid mechanics, CFD and numerical simulations of high-speed craft, dynamics of marine vehicles and hydrodynamics of offshore structures



Assistant Professor

Steven M. Jachec, Ph.D., P.E.
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environmental fluid mechanics, numerical simulations of environmental flows, coastal processes and engineering, turbulence modeling



Assistant Professor

Robert J. Weaver, Ph.D.
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nearshore circulation, storm surge, pollutant and larvae tracking, coastal engineering, littoral processes, water wave and hydrodynamic modeling