

George A. Maul is Professor of Oceanography, at the Florida Institute of Technology. From 1994-2014 he served Florida Tech as Head of the Department of Marine and Environmental Systems, where he supervised 250 undergraduate and graduate students and 15 faculty in oceanography, environmental science, ocean engineering, earth remote sensing, and meteorology. As Department Head, he created the undergraduate and graduate meteorology programs, the graduate earth remote sensing program, and raised over \$4,200,000 in endowed fellowships, scholarships, and a professorship.

George received a Regents Diploma from Brooklyn Technical High School in 1956; he earned a B.S. (with honors) in Marine Transportation from the State University of New York Maritime College at Fort Schuyler and was granted an unlimited tonnage U.S. Merchant Marine Officer's license in 1960; in 1974 he was awarded a Ph.D. in Physical Oceanography from the University of Miami's Rosenstiel School of Marine and Atmospheric Science (RSMAS). Dr. Maul served as Adjunct Professor of Meteorology and Physical Oceanography at RSMAS from 1977 to 1996.

From 1960 through 1969, he held ranks from Ensign through Lieutenant Commander in the commissioned officer corps of the U.S. Coast and Geodetic Survey; LCDR Maul became a *Shellback* at $\lambda=44^{\circ}00'W$ in 1968 while serving as Operations Officer aboard the USC&GS Ship *Discoverer*. Between 1969 and 1984 he was a Research Oceanographer and from 1984 to 1994 a Supervisory Oceanographer with the NOAA Atlantic Oceanographic and Meteorological Laboratory in Miami; he earned 5 Outstanding Performance Awards and 3 Distinguished Authorship Awards in NOAA. He has been Chief Scientist on numerous oceanographic cruises, and has published over 200 journal articles, book chapters, guest editorials, technical reports, refereed abstracts, and books on oceanography and meteorology. His professional memberships include the American Geophysical Union, the American Meteorological Society, the Marine Technology Society, and the Florida Academy of Sciences.

During 1989-1995 Maul served two terms as Vice Chairman of the Subcommittee for the Caribbean and Adjacent Regions (IOCARIBE) of the Intergovernmental Oceanographic Commission (IOC) of UNESCO. Dr. Maul was founding Chairman of the IOCARIBE Group of Experts on Ocean Processes and Climate, four times Co-Director of INSMAP – the International Symposia on Marine Positioning, a member of the IOC Group of Experts on GLOSS (the global sea level observing system), and founding Chairman of the IOCARIBE Tsunami Steering Group of Experts. He chaired the United Nations Environment Programme / Intergovernmental Oceanographic Commission Joint Task Team on Climatic Changes in the Wider Caribbean Region, and has served on the editorial boards of *Marine Geodesy*, *Remote Sensing of Environment*, and the *Journal of Earth System Science Education*.

In 1997 the Florida Tech Student Government named him College of Engineering *Teacher of the Year*, in 1998 George and his NASA-funded Earth Systems Science Education team received the *Faculty Senate Excellence Award* for Teaching, in 2010 the U.S. President's Volunteer Service Award, in 2012 the College of Engineering *Faculty Excellence Award* for Service, and in 2015 the *Faculty Senate Excellence Award* for Service. In 1999 he was elected a *Fellow* of the Marine Technology Society, and in 2003 was elected a *Fellow* of the American Meteorological Society. Maul also was elected to *Omicron Delta Kappa* (National Leadership Honor Society), *Phi Beta Delta* (International Education Honor Society), *Sigma Xi* (Scientific Research Honor Society), and the Honor Society of *Phi Kappa Phi*. In 2016 he was given the singular honor of being named the Florida Academy of Sciences *Medalist*.

Professor Maul is past chairman of the Florida Coastal Ocean Observing System Consortium, served as president of the Southeast Coastal Ocean Observing Regional Association, represents the Florida Institute of Technology to the Florida Ocean Alliance, and is on the Executive Committee of the Board of the Florida Institute of Oceanography. In 1998 he created the Link Foundation Ocean Engineering and Instrumentation Fellowships, which he administered from 1999-2011. A proud member of the National Eagle Scout Association, his volunteering with the Boy Scouts of America has earned him the *Silver Beaver Award* and the Order of the Arrow's *Vigil Honor*. Maul also volunteers with the National Weather Service to create TsunamiReady® communities on the US Atlantic coast, and is a WxCoder weather observer. George is a brother and chapter faculty adviser to *Alpha Phi Omega* national co-ed service fraternity.

Selected Books

- 1985 Maul, G.A. *Introduction to Satellite Oceanography*. © Martinus Nijhoff Publishers, Dordrecht/Boston/Lancaster, 606 pp.
- 1993 Maul, G.A. (author/editor). *Climatic Change in the Intra-Americas Sea*. © United Nations Environment Programme, Edward Arnold Publishers, London, 389 pp.
- 1996 Maul, G.A. (author/editor), *Small Islands: Marine Science and Sustainable Development*. © American Geophysical Union, Coastal and Estuarine Studies No. 51, Washington, 467 pp.
- 2017 Maul, G.A. *The Oceanographer's Companion*. © CRC Press, 190 pp.

Selected Articles

- 1971 Zetler, B.D., and G.A. Maul. Precision Requirements for a Spacecraft Tide Program. *J. Geophys. Res.*, 76(27): 6601-6605.
- 1973 Charnell, R.L., and G.A. Maul. Oceanic Observation of New York Bight by ERTS-1. *Nature*, 242(5398): 451-452.
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- 1985 Maul, G.A., F. Chew, M. Bushnell, and D.A. Mayer. Sea Level Variation as an Indicator of Florida Current Volume Transport: Comparisons with Direct Measurements. *Science*, 227(4684): 304-307.
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- 1991 Hansen, D.V., and G.A. Maul. Anticyclonic Current Rings in the Eastern Tropical Pacific Ocean. *J. Geophys. Res.*, 96(C4): 6965-6979.
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- 1993 Maul, G.A. and F.M. Vukovich. The Relationship between Variations in the Gulf of Mexico Loop Current and Straits of Florida Volume Transport. *J. Phys. Oceanogr.*, 23(5): 785-796.
- 1998 Mooers, C.N.K., and G.A. Maul. Intra-Americas Sea Circulation. Chapter 7 in: A.R. Robinson and K.H. Brink (editors), *The Sea*, Volume 11, © John Wiley & Sons, New York, pp: 183-208.
- 1999 Pugh, D.T., and G.A. Maul. Coastal Sea Level Prediction for Climate Change. In: *Coastal Ocean Prediction*. © American Geophysical Union, Coastal and Estuarine Studies No. 56, pp: 377-404.
- 2001 Maul, G.A., A.M. Davis, and J.W. Simmons. Seawater Temperature Trends at USA Tide Gauge Sites. *Geophys. Res. Lett.* 28(20): 3935-3937.
- 2005 Maul, G.A. Small Islands. In: M. Schwartz, (editor), *Encyclopedia of Coastal Science*, Kluwer Academic Publishers, Dordrecht, pp: 883-888.
- 2007 Maul, G.A., and H.J. Sims. Florida Coastal Temperature Trends: Comparing independent datasets. *Florida Scientist*, 70(1): 71-82.
- 2010 Proenza, X.W., and G.A. Maul. Tsunami Hazard and Total Risk in the Caribbean Basin. *Science of Tsunami Hazards*, 29(2): 70-77.
- 2015 Maul, G.A., and D.M. Martin. Merged Miami Sea Level. *Marine Geodesy*, 38(3): 277-280.
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