

Joseph C. Park, PhD, PE

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Dr. Joseph Park has a broad spectrum of funded research, operational, and pedagogical experience centered on oceanography, acoustics and ocean engineering. He serves as a scientist at the South Florida Natural Resources Center of Everglades National Park, and CEO of the Software Literacy Foundation, a tax-exempt public charity who's mission is to educate and inspire youth to pursue a career in software development. He also serves as a member of the technical advisory committee of the Southeast Florida Regional Climate Change Compact.

As an oceanographer at NOAA he conducted research on tidal measurement technology, coastal sea levels, extremes, and probabilistic decision-support tools. As a senior scientist with the National Center for Physical Acoustics, he performed research tracking and characterizing tornadoes with remotely sensed infrasound. At the University of Hawaii he designed, directed and installed an underwater multi-sensor oceanographic observatory and conducted research in oceanography and acoustics. At the South Florida Water Management District he was a principal scientist researching climate impacts on sea level rise in Florida, and core developer of the Regional Simulation Model (RSM). As a faculty member of the Florida Atlantic University Department of Ocean Engineering he instructed courses in physics, acoustics and data analysis, and conducted oceanographic and control systems research with autonomous underwater vehicles.

Dr. Park was the founder and President of Zenith Engineering Inc., a Florida corporation providing scientific, software, and engineering consulting to South Florida and International companies from 1998 through 2007.

With the U. S. Navy he was an electrical & ocean engineer focusing on the development and analysis of underwater acoustic communication and tracking systems. Other areas of primary responsibility included oceanographic research. As an ocean and mechanical engineer for Naval Sea Systems Command (NAVSEA) he reviewed, inspected and tested Navy Deep Dive System components onboard the ASR 21, ASR 22 and IX 501, and designed hydraulic systems for Los Angeles and Ohio class submarines.

Dr. Park is committed to finding solutions to the growing digital divide, and welcomes opportunities to further his goal of inspiring and educating youth to pursue career and educational choices in STEM.

**Professional Associations**

European Geosciences Union (EGU)  
American Geophysical Union (AGU)  
American Institute of Physics (AIP)  
Florida Registered Professional Engineer #42687  
Institute of Electrical and Electronic Engineers (IEEE)  
Oceanic Engineering Society (OES)  
Tau Beta Pi (Engineering Honor Society)

**Education**

Master of Science, Ocean Engineering (1989, FAU)  
Doctor of Philosophy Electrical Engineering (1994, FAU)