

# **Steven Lazarus, Ph.D.**

**Professor | Ocean Engineering and Marine Sciences at Florida Tech**

Melbourne, FL, US

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## **About**

Dr. Steven Lazarus' research interests are varied and include data assimilation, electrical phenomena such as gigantic jets, surface layer meteorology and wind/wave interactions. He has authored or co-authored 30 peer-review articles and has had two dozen proposals funded for more than \$2 million combined. Over the past decade Dr. Lazarus has reviewed more than 30 articles and/or proposals and has served on both NASA and National Science Foundation panels. He has graduated 8 Master's students and more recently two Ph.D. students. Dr. Lazarus is currently supervising a Ph.D. student who is funded under a NIST grant involving the impact of wind loading on residential structures. Dr. Lazarus is principal investigator on a SECOORA grant involving the installation and operation of a coastal (wind and wave) radar system in east-central Florida. He presently serves as an academic member representative for the University Center for Atmospheric Research (UCAR), a consortium that includes 120 North American universities with programs in meteorology to hydrology, oceanography, atmospheric chemistry, climate science and more.

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## **Industry Expertise**

Education/Learning, Research

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## **Areas of Expertise**

Climate Change, Hurricanes, Wind and Waves, Data Assimilation, Gigantic Jets, Coastal Meteorology

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## **Affiliations**

American Meteorological Society : Member, American Geophysical Union : Member

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## **Education**

**University of Oklahoma**

Ph.D. Atmospheric Sciences and Meteorology

**University of Oklahoma**

M.S.

## **Accomplishments**

### **Russell L. DeSouza Award**

2018 For service and activity in the Geoscience Community

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