

Lei Huang

Postdoctoral Associate

University of Miami and NOAA AOML

Phone: (+1) 302 510 2481; Email: lei.huang@noaa.gov

Education

2019-2023 Ph.D., Physical Oceanography, University of Delaware, Newark, DE, USA

2017-2023 Ph.D., Physical Oceanography, Xiamen University, Xiamen, Fujian, China

2013-2016 M.Sc. Physical Oceanography, Guangdong Ocean University, Zhanjiang, Guangdong, China

2009-2013 B.S. Oceanography, Nanjing University of Information, Science and Technology, Nanjing, China

Professional Experience

2023-Now Postdoctoral Associate, University of Miami and NOAA AOML, FL, USA

2016-2017 Research Assistant, Chinese University of Hong Kong, China

Research Interests

Ocean Heat Content and Sea Level Variability in the Regional and Global Oceans; Water Mass Spread; Atmosphere Teleconnection; Climate Change.

Publications

Huang, L., Zhuang, W., Wu, Z., Zhang, Y., Meng, L., Edwing, D., & Yan, X. H. (2023). Quasi-decadal Temperature Variability in the Intermediate Layer of Subtropical South Indian Ocean During the Argo Period. *Journal of Geophysical Research: Oceans*, e2023JC019775.

Huang, L., Zhuang, W., Wu, Z., Meng, L., Edwing, D., Edwing, K., ... & Yan, X. H. (2022). Decadal Cooling Events in the South Indian Ocean during the Argo Era. *Journal of Geophysical Research: Oceans*, e2021JC017949.

Xue, S., Geng, X., Meng, L., Xie, T., **Huang, L.**, & Yan, X. H. (2021). HISEA-1: The First C-Band SAR Miniaturized Satellite for Ocean and Coastal Observation. *Remote Sensing*, 13(11), 2076.

Pan, J., **Huang, L.**, Devlin, A. T., & Lin, H. (2018). Quantification of typhoon-induced phytoplankton blooms using satellite multi-sensor data. *Remote Sensing*, 10(2), 318.

Huang, L., Zhao, H., Pan, J., & Devlin, A. (2017). Remote sensing observations of phytoplankton increases triggered by successive typhoons. *Frontiers of Earth Science*, 11(4), 601-608.

Presentations at Scientific Meetings

2022 October, Oral Presentation.

Remote Sensing Seminar, University of Delaware, Newark, DE, USA. ***‘Quasi-decadal Temperature Variability in the Intermediate Layer of South Indian Ocean During the Argo Period’.***

2022 April, Oral Presentation.

Physical Ocean Science and Engineering Seminar, University of Delaware, Newark, DE, USA. ***‘Decadal Cooling Events in the South Indian Ocean During the Argo Era’.***

2022 February, Poster Presentation.

Ocean Science Meeting, online. ***‘Decadal Cooling Events in the South Indian Ocean During the Argo Era’.***