

# Jingru Sun

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## **Personal Information**

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## **Education**

2013-2018      Ph.D. in Department of Earth System Science, Tsinghua University, Beijing, China

2015-2016      Visiting Scholar, Bedford Institute of Oceanography, Halifax, Canada

2009-2013      B.S. in Atmospheric Sciences, Ocean University of China, Qingdao, China

## **Research Interest**

Tropical Cyclones and Climate

Interaction between Tropical Cyclone and Ocean

## **Publications**

- [1] **Sun, J.**, Xu, F., Oey, L. Y., Lin, Y. (2018). Monthly variability of Luzon Strait tropical cyclone intensification over the northern South China Sea in recent decades. *Climate Dynamics*.
- [2] **Sun, J.**, Oey, L. Y., Xu, F., & Lin, Y. C. (2017). Sea level rise, surface warming, and the weakened buffering ability of south china sea to strong typhoons in recent decades. *Scientific Reports*, **7(1)**.
- [3] **Sun, J.**, & Oey, L. Y. (2015). The influence of the ocean on typhoon Nuri (2008). *Monthly Weather Review*, **143**.
- [4] **Sun, J.**, Oey, L. Y., Chang, R., Xu, F., & Huang, S. M. (2015). Ocean response to typhoon Nuri (2008) in western pacific and south china sea. *Ocean Dynamics*, **65(5)**, 735-749.

## **Meetings and Seminars**

Sun, J., Oey, L. Y., Xu, F., Ocean response to typhoon Nuri (2008) in western Pacific and South China Sea, oral, **2014 International Workshop on Modeling the Ocean**, Halifax, Canada.

Sun, J., Oey, L. Y., Xu, F., Sea level rise, surface warming, and the weakened buffering ability of South China Sea to strong typhoons in recent decades, oral, **2015 International Workshop on Modeling the Ocean**, Canberra, Australia.

Sun, J., Xu, F., Oey, L. Y., Lin, Y., Monthly variability of tropical cyclone intensity change over the Northern South China Sea in recent decades, poster, **2016 AGU fall meeting**, San Francisco, USA.