

Bin Xiao

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Research assistant, First institute of oceanography, SOA, China

Research field:

Ocean modeling, global tide, ocean forecasting.

During my PHD, I take part in the development of a global wave-tide-circulation coupled ocean model and my task is to include the global tide into the global model which is based on the GFDL MOM5. In recent years I spent a lot of time for the development of the new global ocean forecasting system and working together with data assimilation colleges.

Education and work experiences:

2016/07-now, Research Assistant, First Institute of Oceanography, SOA;

2013/09-2016/06, Doctor, Physical Oceanography, College of Oceanic and Atmospheric Sciences, Ocean University of China;

2010/09-2013/06, Master, Physical Oceanography, First Institute of Oceanography, SOA;

2006/09-2010/06, Bachelor, Physics, College of Physics and Electronic Sciences, Shandong Normal University.

Publications:

- (1) Shi Junqiang, Yin Xunqiang, Shu Qi, **Xiao Bin** and Qiao Fangli*. Evaluation on data assimilation of a global high resolution wave-tide-circulation coupled model using the tropical Pacific TAO buoy observations. *Acta Oceanologica Sinica*, 2018, 37(3): 8-20.
- (2) Shu Qi, Qiao Fangli*, Song Zhenya, and **Xiao Bin**. Effect of increasing Arctic river runoff on the Atlantic meridional overturning circulation: a model study. *Acta Oceanologica Sinica*, 2017(8): 1-7.
- (3) **Xiao Bin**, Qiao Fangli*, and Shu Qi. The performance of a z-level ocean model in modeling global tide. *Acta Oceanologica Sinica*, 2016, 36(11): 35-43.

- (4) 肖斌, 舒启, 乔方利*, 大西洋经向翻转环流的模拟对海表驱动场时间和空间分辨率的敏感性分析, 海洋科学进展, 2016, 34(2):175:185.
- (5) 肖斌, 乔方利*, 吕连港, 南黄海海气热通量观测及其与 OAflux 数据集比较研究, 海洋科学学进展, 2013,31(1):43.