

Curriculum Vitae

Personal data

Address: Institute of Oceanography, University of Hamburg
 Bundesstraße 53, 20146 Hamburg, Germany;
 Tel: +49-(0)40-42838-7489;
 Fax: +49-(0)40-42838-7477;
 Email: Jian.Su@uni-hamburg.de;
 Birth date: 08 Jan 1979;
 Languages: Chinese, English, German, Danish(A1)

Areas of expertise

- Regional downscaling the global climate simulations;
- Ocean circulation and ocean-atmosphere interactions in continental shelf seas;
- Interplay between physical and biological processes in marine ecosystems;
- Data analysis of remote-sensing, time-series and in situ data;
- Integrated coastal zone management

Education

BSc. *Oceanography*, Ocean University of China, Qingdao, China. 1996-2000.
 PhD. *Physical Oceanography*, Ocean University of China, Qingdao, China. 2000-2005.
 Thesis title: "A numerical study of cross-front water exchange".
 MSc. *ERASMUS MUNDUS program in Water and Coastal Management*,
 Lectured in Center for studies of Environment and Resources (SMR), University of
 Bergen, Norway. Internship in LOICZ IPO, GKSS Research Institute, Geesthacht,
 Germany. 2005-2007.
 Thesis title: "Water and nutrient budgets of Ria Formosa lagoon, Portugal".

Work experience

2007-present Researcher, Institute of Oceanography (IfM), ZMAW, University of Hamburg,
 Hamburg, Germany.
 2007-2010 Researcher, GKSS Research Center, Geesthacht, Germany.

Three selected recent publications

1. Tian, T., **Su, J.**, Boberg, F. Yang, S., Schmit, T 2015. Estimating uncertainty caused by ocean heat transport to the North Sea: Experiments downscaling EC-EARTH. *Climate Dynamics*, <http://dx.doi.org/110.1007/s00382-015-2571-8>.
2. **Su, J.**, Sein, D., Mathis, M., Mayer, B., O'Driscoll, K., Chen, X.P., Mikolajewicz, U., Pohlmann, T., 2014. Assessment of a zoomed global model for the North Sea by comparison with a conventional nested regional model, *Tellus-A*, 66, 23927.
3. Liu, F., **Su, J.**, Moll, A., Krasemann, H., Chen, X., Pohlmann, T., Wirtz, K., 2013. Assessment of the summer-autumn bloom using satellite images to identify the role of wind mixing and light conditions in the Bohai Sea. *Journal of Marine Systems*, 129, 303-317.