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Education

M.Sc. in ESPACE, Technical University of Munich, Germany	2019-
M.Sc. in Geodesy, Wuhan University, China (Supervisor: Yibin Yao)	2018-2019
B.Sc. in Navigation Engineering, Wuhan University, China	2014-2018

Honors and Awards

National Scholarship	2015, 2019
Yu Gang Song Xiao Scholarship	2016
Lei Jun Scholarship	2017, 2019
Wuhan University Class A Scholarship	2015-2017
First-Class Academic Scholarship of Wuhan University	2019
Miyoshi Student	2015, 2019
Miyoshi Student Model	2016-2017
Top Ten Academic Stars of Wuhan University, Top 20 Finalists	2019
Academic Stars of Yuequn of School of Geodesy	2019
Excellent Bachelor Degree Thesis of Wuhan University	2018
Outstanding undergraduate	2018

Publications

1. Li, J., Zhang, B., Yao, Y., Liu, L., **Sun, Z.**, & Yan, X. (2020). A Refined Regional Model for Estimating Pressure, Temperature, and Water Vapor Pressure for Geodetic Applications in China. Remote Sensing, 12(11), 1713.

2. Yibin, Y. A. O., **Zhangyu, S. U. N.**, & Chaoqian, X. U. (2020). Applicability of Bevis Formula at Different Height Levels and Global Weighted Mean Temperature Model Based on Near-earth Atmospheric Temperature. 3(1), 1-11.

3. **Sun, Z.**, Zhang, B., & Yao, Y. (2019). An ERA5-based model for estimating tropospheric delay and weighted mean temperature over China with improved spatiotemporal resolutions. Earth and Space Science, 6(10), 1926-1941.

4. **Sun, Z.**, Zhang, B., & Yao, Y. (2019). A global model for estimating tropospheric delay and weighted mean temperature developed with atmospheric reanalysis data from 1979 to 2017. Remote Sensing, 11(16), 1893.

5. YAO, Y., **SUN, Z.**, XU, C., & XU, X. (2019). Global Weighted Mean Temperature Model Considering Nonlinear Vertical Reduction. Geomatics and Information Science of Wuhan University, (1), 14.

6. Yao, Y., **Sun, Z.**, & Xu, C. (2018). Establishment and Evaluation of a New Meteorological Observation-Based Grid Model for Estimating Zenith Wet Delay in Ground-Based Global Navigation Satellite System (GNSS). Remote Sensing, 10(11), 1718.

7. Yao, Y., **Sun, Z.**, Xu, C., Zhang, L., & Wan, Y. (2018). Development and Assessment of the Atmospheric Pressure Vertical Correction Model With ERA-Interim and Radiosonde Data. Earth and Space Science, 5(11), 777-789.

8. Yao, Y., **Sun, Z.**, Xu, C., Xu, X., & Kong, J. (2018). Extending a model for water vapor sounding by ground-based GNSS in the vertical direction. Journal of Atmospheric and Solar-Terrestrial Physics, 179, 358-366.

English Skills

TOEFL(2018.12.01) Total Score: 93; Reading: 27; Listening: 24; Speaking: 20; Writing: 22

Computer Skills

C、C++、C#、Python、MATLAB