

# Curriculum Vitae of Minwei Zhang

## Address

College of Marine Science (CMS), University of South Florida (USF)  
140 Seventh Ave. South, St. Petersburg, FL 33701  
Phone: (727)202-5135; [minweizhang@mail.usf.edu](mailto:minweizhang@mail.usf.edu)

## Education

2009	Ph.D.	Institute of Remote Sensing Applications, Chinese Academy of Sciences Ocean Color Remote Sensing
2006	M.S.	Wuhan University Geodesy & Geomatics Engineering
2003	B.S.	Henan Polytechnic University Engineering Surveying

## Research Interests

Ocean color atmospheric correction  
Remote sensing of inland- and coastal- waters environments  
Ocean color measurement and analysis

## Selected Publications

**Zhang M.**, Dong Q., Cui T., Xue, C. and Zhang S.(2014). Suspended sediment monitoring and assessment for Yellow River estuary from Landsat TM and ETM+ imagery. *Remote Sensing of Environment* 146: 136-147.

**Zhang M.**, Ma R., Li J., Zhang B. and Duan H. (2014). A validation study of an improved SWIR iterative atmospheric correction algorithm for MODIS-Aqua measurements in Lake Taihu, China. *IEEE Transactions on Geoscience and Remote Sensing* 52(8): 4686 – 4695.

- Zhang M.,** Tang J., Dong Q., Duan H. and Shen Q. (2014). Atmospheric correction of HJ-1 CCD imagery over turbid lake waters. *Optics Express* 22(7): 7906-7924
- Zhang M.,** Tang J., Dong Q. and Song Q. (2013). A Real 3-D Monte Carlo Model for the Simulation of Radiative Transfer in Waters. *IEEE Transactions on Geoscience and Remote Sensing* 51(1): 28-37.
- Zhang M.,** Tang J., Dong Q., Song Q. and Ding J. (2010). Retrieval of total suspended matter concentration in the Yellow and East China Seas from MODIS imagery. *Remote Sensing of Environment* 114(2): 392- 403.
- Zhang M.,** Tang J., Song Q. and Dong Q. (2010) .Backscattering ratio variation and its implications for studying particle composition: a case study in Yellow and East China Seas. *Journal of Geophysical Research* 115 (C12014).
- Zhang M.,** Dong Q., Tang J. and Song Q. (2010). Evaluation of the retrieval of total suspended matter concentration in Taihu Lake, China from CBERS-02B CCD. *Chinese Journal of Oceanology and Limnology* 28(6): 1316-1322.
- Zhang M.,** Tang J. and Dong Q. (2010). Study on the cross-calibration of charge-coupled device camera on China-Brazil Earth Resources Satellite-02B by moderate resolution imaging spectroradiometer. *Journal of Applied Remote Sensing* 4: 043523.