

CURRICULUM VITAE

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Education

Ph.D. South China Sea Institute of Oceanology, Chinese Academy of Sciences (2003-2008)

B.S. Biology, Qufu normal University (1999-2003).

Research experiences

Visiting scholar, San Diego State University, Dr. Forest Rohwer (PI), 11/2014-11/2015

Visiting scholar, University of Oklahoma, Dr. Jizhong Zhou (PI), 09/2013-10/2013

Associate professor, South China Sea Institute of Oceanology, Chinese Academy of Sciences, 2010-present

Assistant professor, South China Sea Institute of Oceanology, Chinese Academy of Sciences. 2008-2010

Publications

Yanying Zhang, Juan Ling, Qingsong Yang, Youshao Wang, Cuici Sun, Yufeng Jiang, Yuanzhou Zhang, Meilin Wu, Junde Dong. The diversity of coral-associated bacteria and the environmental factors affect their community variation. *Ecotoxicology*, 2015, in review.

Qingsong Yang, Junde Dong, **Yanying Zhang**, Juan Ling, Dongxiao Wang, Meilin Wu, Yufeng Jiang, Yuanzhou Zhang. The rise of biodiversity of coral associated nitrogen-fixing bacteria from Xisha to Sanya-an implication of a cause of coral diseases. *Aquatic Ecosystem Health & Management*, 2015, in review.

Binbin Gu*, **Yanying Zhang***, Lijian Ding, Shan He, Bin Wu, Junde Dong, Peng Zhu, Juanjuan Chen, Jinrong Zhang, Xiaojun Yan. Preparative Separation of Sulfur-Containing Diketopiperazines from Marine Fungus *Cladosporium* sp. Using High-Speed Counter-Current Chromatography in Stepwise Elution Mode. *Marine Drugs*, 13, 354-365, 2015. (*contributed equally)

Xiaofang Huang, Yujuan Liu, Junde Dong, Lingyun Qu, **Yanying Zhang**, Fazuo Wang, Xinpeng Tian, Si Zhang. *Mangrovibacterium diazotrophicum* gen. nov., sp. nov., a nitrogen-fixing bacterium isolated from a mangrove sediment, and proposal of *Prolixibacteraceae* fam. nov. *International Journal of Systematic and Evolutionary Microbiology*, 64: 875-881, 2014.

Juan Ling, **Yanying Zhang**, Junde Dong, Youshao Wang, Hui Huang, Lei Chen, Xiaofang Huang, Lijuan Long, Si Zhang. Spatial variability of cyanobacterial community composition in Sanya Bay as determined by DGGE Fingerprinting and Multivariate Analysis, *Chinese Science Bulletin*, 58(9), 10191-1027, 2013.

Meilin Wu, **Yanying Zhang**, Lijuan Long, Si Zhang, Youshao Wang, Juan Ling, Junde Dong. Identification of coastal water quality including heavy metal in Sanya Bay, South China Sea. *Polish Journal of Environmental Studies*, 21(4): 1445-1452, 2012.

Meilin Wu, **Yanying Zhang**, Junde Dong, Chuanghua Cai, Lijuan Long, Si Zhang. Monsoon-driven dynamics of environmental factors and phytoplankton in tropical Sanya Bay, South China Sea. *Oceanological and Hydrobiological studies*, 41(1), 57-66, 2012.

Meilin Wu, Juan Ling, Lijuan Long, Si Zhang, **Yanying Zhang**, Youshao Wang, Junde Dong. Human activity and monsoon dynamics influence on spatial and temporal hydrochemistry in tropical coastal waters (Sanya Bay, South China Sea), *Chemistry and Ecology*, 28(4), 375-390, 2012.

Juan Ling, Junde Dong, Youshao Wang, **Yanying Zhang**, Chao Deng, Li Lin, Meilin Wu, Fulin Sun, Spatial Variation of Bacterial Community Structure of the Northern South China Sea in Relation to Water Chemistry, *Ecotoxicology*, 21(6), 1669–16799, 2012.

Juan Ling, **Yanying Zhang**, Junde Dong, Youshao Wang, Lei Chen, Jingbin Feng, Hongyan Sun, Dongxiao Wang, Si Zhang, Spatial variation of bacterial community composition near the Luzon strait assessed by polymerase chain reaction-denaturing gradient gel electrophoresis (PCR-DGGE) and multivariate analyses, *African Journal of Biotechnology*, 10(74), 16897-16908, 2011.

Meilin Wu, **Yanying Zhang**, Junde Dong, Youshao Wang, Chuanghua Cai, Identification of coastal water quality by self-organizing map in Sanya Bay, South China Sea Aquatic Ecosystem Health & Management, 14(3), 291-297, 2011.

Yanying Zhang, Junde Dong, Juan Ling, Youshao Wang, Si Zhang, Phytoplankton distribution and their relationship to environmental variables in Sanya Bay, South China Sea. *Scientia Marina*, 74 (4), 754-763, 2010.

Junde Dong, **Yanying Zhang**, Youshao Wang, Meilin Wu, Chuanghua Cai, Chemometry use in the evaluation of the Sanya Bay water quality. *Brazilian Journal Oceanography*, 58 (4), 339-352, 2010.

Junde Dong, **Yanying Zhang**, Si Zhang, Youshao Wang, Zhihao Yang, Meilin Wu, Identification of temporal and spatial variations of water quality in Sanya Bay, China by three-way principal component analysis. *Environmental Earth Sciences*, 60(8), 1673-1683, 2010.

Yanying Zhang, Junde Dong, Zhihao Yang, Si Zhang, Youshao Wang. Phylogenetic diversity of nitrogen-fixing bacteria in mangrove sediments assessed by PCR- Denaturing Gradient Gel Electrophoresis. *Archives of Microbiology*, 190 (1), 19-28, 2008.

Junde Dong, **Yanying Zhang**, Youshao Wang, Si Zhang, Hankui Wang. Spatial and seasonal variations of cyanobacteria nitrogen fixation rates in Sanya Bay, South China Sea. *Scientia Marina*, 72 (2), 239-251, 2008.

Yanying Zhang, Junde Dong, Bin Yang, Juan Ling, Youshao Wang, Si Zhang. Bacterial community structure of mangrove sediments in relation to environmental variables accessed by 16S rRNA gene-denaturing gradient gel electrophoresis fingerprinting. *Scientia Marina*, 73 (3), 487-498, 2009.