



基本信息



史大林 教授

办公地点: [环境与生态学院大楼A418](#)

联系电话: [2182322](tel:2182322)

电子邮箱: dshi@xmu.edu.cn

政治面貌: [群众](#)

详细资料 - 史大林 教授

个人简历 Brief CV

- ✿ 普林斯顿大学 地球科学博士 (2011)
- ✿ 加州州立大学Fullerton分校 讲师 (2006.2 - 2006.6)
- ✿ 普林斯顿大学 博士后 (2011.7 - 2011.10)
- ✿ 厦门大学 教授 (2012-)
- ✿ BS, Biology, Xiamen University (2000)
- ✿ PhD, Geoscience, Princeton University (2011)
- ✿ Lecturer, California State University at Fullerton (2006.2 - 2006.6)
- ✿ Postdoctoral Research Associate, Princeton University (2011.7 - 2011.10)
- ✿ Professor, Xiamen University (2012-)

研究方向 Research Interests

- ✿ 痕量金属生物地球化学及其在全球碳、氮、磷循环中的作用
- ✿ 全球气候变化及人类活动对海洋生态系统健康的影响
- ✿ Biogeochemical cycling of trace metals in the oceans and their roles in the global cycles of carbon, nitrogen and phosphorus
- ✿ Effects of global climate change and anthropogenic activities on marine ecosystem health

代表性论文 Selected Publications

- ✿ Shi D.L.*, Kranz S.A., Kim J.-M., Morel F.M.M.* 2012. Ocean acidification slows nitrogen fixation and growth in the dominant diazotroph *Trichodesmium* under low iron conditions. *Proceedings of the National Academy of Sciences of the United States of America*
- ✿ Xu Y., Shi D.L., Aristilde L., Morel F.M.M. 2011. The effect of pH on the uptake of zinc and cadmium in marine phytoplankton: Possible role of weak complexes. *Limnology and Oceanography* 57 (1): 293-304.
- ✿ Lomas W.M., Hopkinson B.M.#, Losh J.L. #, Ryan D.E., Shi D.L. #, Xu Y. #, Morel F.M.M. 2012. Effect of ocean acidification on cyanobacteria in the subtropical North Atlantic. *Aquatic Microbial Ecology* 66, 221-222 (Feature article; #equal contribution and
- ✿ Shi D.L.*, Xu Y., Hopkinson B.M., Morel F.M.M. 2010. Effect of ocean acidification on iron availability to marine phytoplankton. *Science* 327: 676-679. (*corresponding author)
- ✿ Shi D.L.*, Xu Y., Morel F.M.M. 2009. Effects of the pH/pCO₂ control method on medium chemistry and phytoplankton growth. *Biogeosciences* 6: 1199-1207. (*corresponding author)

开设课程 Course Structure

- ✿ 流域与近海生物地球化学
- ✿ 环境科学导论 (与罗津晶、郁昂、胡宏友合讲)
- ✿ 环境科学前沿与进展 (与卢昌义等合讲)

科研课题 Research Programmes

- ✿ 中组部“千人计划(青年项目)” (2012.2 - 2015.1): 气候变化和人类活动对近海海洋生态系统健康和安全的影响

国家自然科学基金委“优秀青年科学基金项目”（2013.1 - 2015.12）：海洋酸化和常量营养盐氮的耦合对浮游植物的影响

荣誉奖励 Honors and rewards