

Dr. Luni Sun

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### **EXPERIENCE**

01/2016-present, Postdoc, Marine Science, Texas A&M University at Galveston

08/2015-01/2016, Lab technician, Chemistry, Old Dominion University

### **EDUCATION**

PhD, Chemistry, Old Dominion University, Norfolk, USA, 2015

M.S., Marine Chemistry, Ocean University of China, Qingdao, China, 2009

B.S., Chemistry, Ocean University of China, Qingdao, China, 2006

### **PUBLICATIONS**

- (1) Sun, L., & Mopper, K. (2016). Studies on hydroxyl radical formation and correlated photoflocculation process using degraded wood leachate as a CDOM source. *Frontiers in Marine Science*, 2, 117.
- (2) Sun, L., Qian, J., Blough, N. V., & Mopper, K. (2015). Insights into the photoproduction sites of hydroxyl radicals by dissolved organic matter in natural waters. *Environmental Science & Technology Letters*, 2(12), 352-356.
- (3) Sun, L., Spencer, R. G., Hernes, P. J., Dyda, R. Y., & Mopper, K. (2015). A comparison of a simplified cupric oxide oxidation HPLC method with the traditional GC-MS method for characterization of lignin phenolics in environmental samples. *Limnology and Oceanography: Methods*, 13(1), 1-8.
- (4) Sun, L., Chen, H., Abdulla, H.A. and Mopper, K. (2014) Estimating hydroxyl radical photochemical formation rates in natural waters during long-term laboratory irradiation experiments. *Environmental Science: Processes & Impacts*. 16 (4), 757-763.

### **PRESENTATIONS**

- (1) Poster: Determination of Ammonium in Natural Waters in Gordon Conference, NH, 2011
- (2) Poster: A Simplified CuO Oxidation Method for Characterization of Lignin Phenolics in Environmental Samples in ASLO Conference, LA, 2013
- (3) Oral: High Precision TOC/DOC Analyzer with a NM Detection Limit in ASLO Conference, LA, 2013
- (4) Poster: Estimating hydroxyl radical photochemical formation rates in natural waters during long-term laboratory irradiation experiments in GRAD day event, Norfolk, 2014