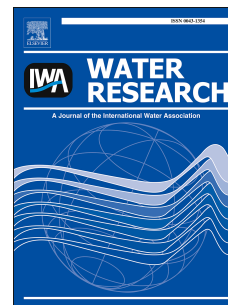


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DOM from mariculture ponds exhibits higher reactivity on photodegradation of sulfonamide antibiotics than from offshore seawaters

Jieqiong Wang, Jingwen Chen, Xianliang Qiao, Yan Wang, Xiyun Cai, Chengzhi Zhou, Yaoling Zhang, Guanghui Ding



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1 **DOM from mariculture ponds exhibits higher reactivity on photodegradation of**
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3 Jieqiong Wang,^a Jingwen Chen,^{a,*} Xianliang Qiao,^a Yan Wang,^a Xiyun Cai,^a

4 Chengzhi Zhou,^a Yaoling Zhang,^b Guanghui Ding^c

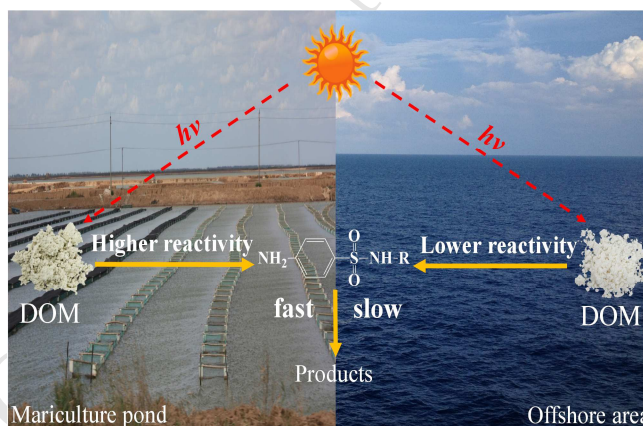
5 ^aKey Laboratory of Industrial Ecology and Environmental Engineering (MOE),
 6 School of Environmental Science and Technology, Dalian University of Technology,
 7 Linggong Road 2, Dalian 116024, China

8 ^bQinghai Institute of Salt Lakes, Chinese Academy of Sciences, Xining 810008,
 9 China

10 ^cCollege of Environmental Science and Engineering, Dalian Maritime University,
 11 Linghai Road 1, Dalian 116026, China

12

13 **Graphical abstract**



14

15

16 **Abstract**

17 Mariculture activities and river inputs lead to coastal seawaters with DOM levels
 18 that are comparable to or even higher than those in terrestrial water bodies. However,

* Corresponding author phone/fax: +86-411-84706269; e-mail: jwchen@dlut.edu.cn

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