

Accepted Manuscript

Pathway governing nitrogen removal in artificially aerated constructed wetlands: Impact of aeration mode and influent chemical oxygen demand to nitrogen ratios

Jie Hou, Xin Wang, Jie Wang, Ling Xia, Yiqing Zhang, Dapeng Li, Xufa Ma

PII: S0960-8524(18)30226-8

DOI: <https://doi.org/10.1016/j.biortech.2018.02.042>

Reference: BITE 19551

To appear in: *Bioresource Technology*

Received Date: 5 December 2017

Revised Date: 7 February 2018

Accepted Date: 8 February 2018

Please cite this article as: Hou, J., Wang, X., Wang, J., Xia, L., Zhang, Y., Li, D., Ma, X., Pathway governing nitrogen removal in artificially aerated constructed wetlands: Impact of aeration mode and influent chemical oxygen demand to nitrogen ratios, *Bioresource Technology* (2018), doi: <https://doi.org/10.1016/j.biortech.2018.02.042>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



1 **Pathway governing nitrogen removal in artificially aerated**
2 **constructed wetlands: Impact of aeration mode and influent**
3 **chemical oxygen demand to nitrogen ratios**

4

5

6 **Jie Hou^{a,b}, Xin Wang^a, Jie Wang^a, Ling Xia^c, Yiqing Zhang^a, Dapeng Li^{a,b} and Xufa**

7 **Ma^{a,b,*}**

8

9 ^a College of Fisheries, Huazhong Agricultural University, Wuhan 430070, China.

10 ^b Freshwater Aquaculture Collaborative Innovation Center of Hubei Province, Wuhan
11 430070, China.

12 ^c School of Resources and Environmental Engineering, Wuhan University of Technology,
13 Wuhan 430070, China.

14

15

16

17 * Corresponding author: Xufa Ma (E-mail: xufama@mail.hzau.edu.cn, Tel: 86 27

18 87282113; fax: 86 27 87282114)

19

20

21

22

23

24

25

26

Download English Version:

<https://daneshyari.com/en/article/7067675>

Download Persian Version:

<https://daneshyari.com/article/7067675>

[Daneshyari.com](https://daneshyari.com)