

Accepted Manuscript

Winter legume-rice rotations can reduce nitrogen pollution and carbon footprint while maintaining net ecosystem economic benefits

Siyuan Cai, Cameron M. Pittelkow, Xu Zhao, Shenqiang Wang



PII: S0959-6526(18)31451-3

DOI: [10.1016/j.jclepro.2018.05.115](https://doi.org/10.1016/j.jclepro.2018.05.115)

Reference: JCLP 12972

To appear in: *Journal of Cleaner Production*

Received Date: 27 March 2018

Revised Date: 14 May 2018

Accepted Date: 15 May 2018

Please cite this article as: Cai S, Pittelkow CM, Zhao X, Wang S, Winter legume-rice rotations can reduce nitrogen pollution and carbon footprint while maintaining net ecosystem economic benefits, *Journal of Cleaner Production* (2018), doi: 10.1016/j.jclepro.2018.05.115.

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.

Target Journal: Journal of Cleaner Production

Winter legume-rice rotations can reduce nitrogen pollution and carbon footprint while maintaining net ecosystem economic benefits

Authors: Siyuan Cai^{1, 2}, Cameron M. Pittelkow³, Xu Zhao¹, Shenqiang Wang¹

Affiliations: ¹State Key Laboratory of Soil and Sustainable Agriculture, Changshu National Agro-Ecosystem Observation and Research Station, Institute of Soil Science, Chinese Academy of Sciences, Nanjing 210008, China

² University of Chinese Academy of Sciences, Beijing 100049, China

³ Department of Crop Sciences, University of Illinois, Urbana, IL 61801, US

Corresponding author: X. Zhao(✉). E-mail: zhaoxu@issas.ac.cn. Phone: 86-25-86881534, Fax: 86-25- 86881028

Download English Version:

<https://daneshyari.com/en/article/8093990>

Download Persian Version:

<https://daneshyari.com/article/8093990>

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