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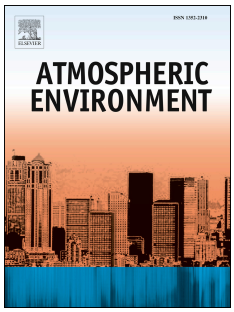

Substantial N_2O emission during the initial period of the wheat season due to the conversion of winter-flooded paddy to rice-wheat rotation

Wei Zhou, Shan Lin, Lei Wu, Jingsong Zhao, Milan Wang, Bo Zhu, Yongliang Mo, Ronggui Hu, Dave Chadwick, Muhammad Shaaban

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Substantial N_2O emission during the initial period of the wheat season due to the conversion of winter-flooded paddy to rice-wheat rotation

Running heading: Conversion triggers substantial N_2O emission

Authors: Wei Zhou[1], Shan Lin[1], Lei Wu[1], Jingsong Zhao[1], Milan Wang[1], Bo Zhu[2], Yongliang Mo[3], Ronggui Hu[1*], Dave Chadwick[4], Muhammad Shaaban[1]

[1] Key Laboratory of Arable Land Conservation (Middle and Lower Reaches of the Yangtze River), Ministry of Agriculture, College of Resources and Environment, Huazhong Agricultural University, Wuhan 430070, China

[2] Key Laboratory of Mountain Environment Evolvement and Regulation, Institute of Mountain Hazards and Environment, Chinese Academy of Sciences, Chengdu 610041, China

[3] State Key Laboratory of Soil and Sustainable Agriculture, Institute of Soil Science, Chinese Academy of Sciences, Nanjing 210008, China

[4] School of Environment, Natural Resources and Geography, Bangor University, Bangor, Gwynedd, LL57 2UW. UK

[*] **Corresponding author:** Ronggui Hu, e-mail: rghu@mail.hzau.edu.cn, tel. +86 27 87282152, fax +86 27 87396057

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Abstract:

Winter-flooded paddy is a typical rice-based cropping system to conserve water for the next rice growing season. Conversion of winter-flooded paddy to rice-wheat rotation has been widely adopted with the development of the water conservation