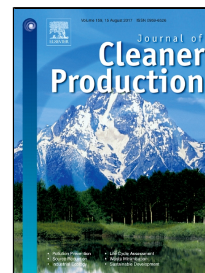


Accepted Manuscript

Energy consumption enhancement and environmental life cycle assessment in paddy production using optimization techniques



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PII: S0959-6526(17)31241-6
DOI: 10.1016/j.jclepro.2017.06.071
Reference: JCLP 9821
To appear in: *Journal of Cleaner Production*
Received Date: 28 November 2016
Revised Date: 01 May 2017
Accepted Date: 08 June 2017

Please cite this article as: Ashkan Nabavi-Pelesaraei, Shahin Rafiee, Seyed Saeid Mohtasebi, Homa Hosseinzadeh-Bandbafha, Kwok-wing Chau, Energy consumption enhancement and environmental life cycle assessment in paddy production using optimization techniques, *Journal of Cleaner Production* (2017), doi: 10.1016/j.jclepro.2017.06.071

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.

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