

## Accepted Manuscript

Economic and environmental impacts of foreign direct investment in China:  
A spatial spillover analysis

Jianhuan Huang, Xudong Chen, Bihong Huang, Xiaoguang Yang

PII: S1043-951X(16)30036-0  
DOI: doi: [10.1016/j.chieco.2016.03.006](https://doi.org/10.1016/j.chieco.2016.03.006)  
Reference: CHIECO 927

To appear in: *China Economic Review*

Received date: 1 September 2015  
Revised date: 24 March 2016  
Accepted date: 24 March 2016



Please cite this article as: Huang, J., Chen, X., Huang, B. & Yang, X., Economic and environmental impacts of foreign direct investment in China: A spatial spillover analysis, *China Economic Review* (2016), doi: [10.1016/j.chieco.2016.03.006](https://doi.org/10.1016/j.chieco.2016.03.006)

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.

# Economic and Environmental Impacts of Foreign Direct Investment in China: A Spatial Spillover Analysis

Jianhuan Huang  
School of Economics and Trade  
Hunan University  
Changsha, 410079 China  
[jhhuang@hnu.edu.cn](mailto:jhhuang@hnu.edu.cn)

Xudong Chen  
Economics Department  
Baldwin Wallace University  
Berea, Ohio 44017 U.S.A.  
[xchen@bw.edu](mailto:xchen@bw.edu)

Bihong Huang\*  
Asian Development Bank Institute  
Tokyo, 100-6008 Japan  
[bihuang@adbi.org](mailto:bihuang@adbi.org)

Xiaoguang Yang  
Academy of Mathematics and Systems Science  
Chinese Academy of Science  
Beijing, 100090 China  
[xgyang@amss.ac.cn](mailto:xgyang@amss.ac.cn)

## Abstract

This paper studies the economic and environmental impacts of foreign direct investment (FDI) in China. First, we build a simple theoretical model to predict the overall beneficial effects of FDI, and also find that a stronger sense of “environmental citizenship” by the FDI firm is associated with lower pollution and lower emission intensity in the host region. For empirical analysis, we use Spatial Durbin Model (SDM) to address the regional spillovers of

---

\* Corresponding author: Bihong Huang, Kasumigaseki Building 8F, 3-2-5 Kasumigaseki, Chiyoda-ku, Tokyo 100-6008 Japan. Tel: 81-3-3593-5523. Fax: 81-3-3593-4270.

Jianhuan Huang thanks the financial supports from National Natural Science Foundation of China (No. 41571524), Natural Science Foundation of Hunan Province (No.13JJ3052) and the Collaborative Innovation Center for the Development of Modern Services and New Urbanization in Hunan Province.

Download English Version:

<https://daneshyari.com/en/article/7342490>

Download Persian Version:

<https://daneshyari.com/article/7342490>

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