

Search



Home > Natural Hazards > Article

# Does financial macroenvironment impact on carbon intensity: evidence from ARDL-ECM model in China

Original Paper | Published: 18 May 2017

Volume 88, pages 759–777, (2017) Cite this article



**Natural Hazards** 

# Your privacy, your choice

We use essential cookies to make sure the site can function. We, and our 92 **partners**, also use optional cookies and similar technologies for advertising, personalisation of content, usage analysis, and social media.

By accepting optional cookies, you consent to allowing us and our partners to store and access personal data on your device, such as browsing behaviour and unique identifiers. Some third parties are outside of the European Economic Area, with varying standards of data protection. See our **privacy policy** for more information on the use of your personal data. Your consent choices apply to springer.com and applicable subdomains.

You can find further information, and change your preferences via 'Manage preferences'. You can also change your preferences or withdraw consent at any time via 'Your privacy choices', found in the footer of every page.

We use cookies and similar technologies for the following purposes:

- > Store and/or access information on a device
- Personalised advertising and content, advertising and content measurement, audience research and services development

Accept all cookies

Reject optional cookies

carbon intensity by taking into account the role of financial macroenvironment, especially the financing environment. Considering establishing an efficient carbon finance system, indirect financing tools represented by financial development could be more significant than direct financing ones represented by stock market turnover.

This is a preview of subscription content, log in via an institution ? to check access.

### Access this article

Log in via an institution  $\rightarrow$ 

### Your privacy, your choice

We use essential cookies to make sure the site can function. We, and our 92 **partners**, also use optional cookies and similar technologies for advertising, personalisation of content, usage analysis, and social media.

By accepting optional cookies, you consent to allowing us and our partners to store and access personal data on your device, such as browsing behaviour and unique identifiers. Some third parties are outside of the European Economic Area, with varying standards of data protection. See our **privacy policy** for more information on the use of your personal data. Your consent choices apply to springer.com and applicable subdomains.

You can find further information, and change your preferences via 'Manage preferences'. You can also change your preferences or withdraw consent at any time via 'Your privacy choices', found in the footer of every page.

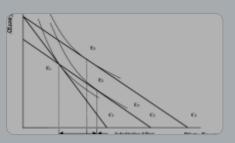
We use cookies and similar technologies for the following purposes:

Store and/or access information on a device

Personalised advertising and content, advertising and content measurement, audience research and services development

Accept all cookies

Reject optional cookies



**Energy mix, financial** development, and carbon

emissions in China: a directed perspectives from energy

Article 03 July 2021

The role of financial innovation Gaining insights into in carbon intensity reduction: environmental impacts of

Article 28 May 2024 Trend of CO2 and GHG Emissions in India

India's financial markets and

Article 21 June 2024

### **Explore related subjects**

Discover the latest articles, books and news in related subjects, suggested using machine learning.

## Your privacy, your choice

We use essential cookies to make sure the site can function. We, and our 92 **partners**, also use optional cookies and similar technologies for advertising, personalisation of content, usage analysis, and social media.

By accepting optional cookies, you consent to allowing us and our partners to store and access personal data on your device, such as browsing behaviour and unique identifiers. Some third parties are outside of the European Economic Area, with varying standards of data protection. See our **privacy policy** for more information on the use of your personal data. Your consent choices apply to springer.com and applicable subdomains.

You can find further information, and change your preferences via 'Manage preferences'. You can also change your preferences or withdraw consent at any time via 'Your privacy choices', found in the footer of every page.

We use cookies and similar technologies for the following purposes:

Store and/or access information on a device

Personalised advertising and content, advertising and content measurement, audience research and services development

**Accept all cookies** 

Reject optional cookies

Campiglio E (2016) Beyond carbon pricing: The role of banking and monetary policy in financing the transition to a low-carbon economy. Ecol Econ 121:220–230

**Article Google Scholar** 

Dogan E, Seker F (2016) The influence of real output, renewable and non-renewable energy, trade and financial development on carbon emissions in the top renewable energy countries. Renew Sust Energ Rev 60:1074–1085

**Article Google Scholar** 

## Your privacy, your choice

We use essential cookies to make sure the site can function. We, and our 92 **partners**, also use optional cookies and similar technologies for advertising, personalisation of content, usage analysis, and social media.

By accepting optional cookies, you consent to allowing us and our partners to store and access personal data on your device, such as browsing behaviour and unique identifiers. Some third parties are outside of the European Economic Area, with varying standards of data protection. See our **privacy policy** for more information on the use of your personal data. Your consent choices apply to springer.com and applicable subdomains.

You can find further information, and change your preferences via 'Manage preferences'. You can also change your preferences or withdraw consent at any time via 'Your privacy choices', found in the footer of every page.

We use cookies and similar technologies for the following purposes:

Store and/or access information on a device

Personalised advertising and content, advertising and content measurement, audience research and services development

**Accept all cookies** 

Reject optional cookies

**Article Google Scholar** 

Halkos GE, Paizanos EA (2013) The effect of government expenditure on the environment: an empirical investigation. Ecol Econ 91:48–56

**Article Google Scholar** 

Hansen BE (2001) The new econometrics of structural change: dating breaks in US labor productivity. J Econ Perspect 15:117-128

**Article Google Scholar** 

Hao Y. Liu YM (2015) Has the development of FDI and foreign trade contributed

## Your privacy, your choice

We use essential cookies to make sure the site can function. We, and our 92 **partners**, also use optional cookies and similar technologies for advertising, personalisation of content, usage analysis, and social media.

By accepting optional cookies, you consent to allowing us and our partners to store and access personal data on your device, such as browsing behaviour and unique identifiers. Some third parties are outside of the European Economic Area, with varying standards of data protection. See our **privacy policy** for more information on the use of your personal data. Your consent choices apply to springer.com and applicable subdomains.

You can find further information, and change your preferences via 'Manage preferences'. You can also change your preferences or withdraw consent at any time via 'Your privacy choices', found in the footer of every page.

We use cookies and similar technologies for the following purposes:

Store and/or access information on a device

Personalised advertising and content, advertising and content measurement, audience research and services development

**Accept all cookies** 

Reject optional cookies

Khandaker S, Ali MJ (2015) The impact of macroeconomic variables on stock market volatility: evidence from cross-country analysis pre, during and post Gfc, during and post Gfc. <a href="http://papers.ssrn.com/sol3/papers.cfm?">http://papers.ssrn.com/sol3/papers.cfm?</a> abstract id=2699122

Kwiatkowski D, Phillips PC, Schmidt P, Shin Y (1992) Testing the null hypothesis of stationarity against the alternative of a unit root: How sure are we that economic time series have a unit root?. J Econometrics 54(1-3):159-178

Article Google Scholar

Lee CG (2009) Foreign direct investment, pollution and economic growth: evidence from Malaysia. Appl Econ 41:1709–1716

Article Coogle Schole

## Your privacy, your choice

We use essential cookies to make sure the site can function. We, and our 92 **partners**, also use optional cookies and similar technologies for advertising, personalisation of content, usage analysis, and social media.

By accepting optional cookies, you consent to allowing us and our partners to store and access personal data on your device, such as browsing behaviour and unique identifiers. Some third parties are outside of the European Economic Area, with varying standards of data protection. See our **privacy policy** for more information on the use of your personal data. Your consent choices apply to springer.com and applicable subdomains.

You can find further information, and change your preferences via 'Manage preferences'. You can also change your preferences or withdraw consent at any time via 'Your privacy choices', found in the footer of every page.

We use cookies and similar technologies for the following purposes:

Store and/or access information on a device

Personalised advertising and content, advertising and content measurement, audience research and services development

**Accept all cookies** 

Reject optional cookies

Pedroni P (1999) Critical values for cointegration tests in heterogeneous panels with multiple regressors. Oxford B Econ Stat 61:653-670

**Article Google Scholar** 

Perron P (1989) The great crash, the oil price shock, and the unit root hypothesis. Econom J Econom Soc 57(6):1361–1401

**Google Scholar** 

Pesaran M, Pesaran B (1997) Working with Microfit 4.0 interactive economic analysis. Oxford University Press, Oxford

## Your privacy, your choice

We use essential cookies to make sure the site can function. We, and our 92 **partners**, also use optional cookies and similar technologies for advertising, personalisation of content, usage analysis, and social media.

By accepting optional cookies, you consent to allowing us and our partners to store and access personal data on your device, such as browsing behaviour and unique identifiers. Some third parties are outside of the European Economic Area, with varying standards of data protection. See our **privacy policy** for more information on the use of your personal data. Your consent choices apply to springer.com and applicable subdomains.

You can find further information, and change your preferences via 'Manage preferences'. You can also change your preferences or withdraw consent at any time via 'Your privacy choices', found in the footer of every page.

We use cookies and similar technologies for the following purposes:

Store and/or access information on a device

Personalised advertising and content, advertising and content measurement, audience research and services development

**Accept all cookies** 

Reject optional cookies

Shahbaz M, Nasreen S, Ozturk I (2016) FDI, growth and CO<sub>2</sub> emissions relationship: evidence from high, middle and low income countries. B Energ Econ 4:54–69

Google Scholar

Tamazian A, Rao BB (2010) Do economic, financial and institutional developments matter for environmental degradation? evidence from transitional economies. Energ Econ 32:137–145

**Article Google Scholar** 

Tang CF, Tan BW (2015) The impact of energy consumption, income and foreign direct investment on carbon dioxide emissions in Vietnam. Energy 79:447–454

### Your privacy, your choice

We use essential cookies to make sure the site can function. We, and our 92 **partners**, also use optional cookies and similar technologies for advertising, personalisation of content, usage analysis, and social media.

By accepting optional cookies, you consent to allowing us and our partners to store and access personal data on your device, such as browsing behaviour and unique identifiers. Some third parties are outside of the European Economic Area, with varying standards of data protection. See our **privacy policy** for more information on the use of your personal data. Your consent choices apply to springer.com and applicable subdomains.

You can find further information, and change your preferences via 'Manage preferences'. You can also change your preferences or withdraw consent at any time via 'Your privacy choices', found in the footer of every page.

We use cookies and similar technologies for the following purposes:

Store and/or access information on a device

Personalised advertising and content, advertising and content measurement, audience research and services development

**Accept all cookies** 

Reject optional cookies

Yu P, Li M (2007) The evaluation on financial innovative capability. <a href="http://en.cnki.com.cn/Article\_en/CJFDTOTAL-DJGL200703024.htm">http://en.cnki.com.cn/Article\_en/CJFDTOTAL-DJGL200703024.htm</a>

Zhang YJ (2011) The impact of financial development on carbon emissions: an empirical analysis in China. Energ Policy 39:2197–2203

**Article Google Scholar** 

Zhang CG, Zhou XX (2016) Does foreign direct investment lead to lower CO<sub>2</sub> emissions? evidence from a regional analysis in China. Renew Sust Energ Rev 58:943–951

**Article Google Scholar** 

## Your privacy, your choice

We use essential cookies to make sure the site can function. We, and our 92 **partners**, also use optional cookies and similar technologies for advertising, personalisation of content, usage analysis, and social media.

By accepting optional cookies, you consent to allowing us and our partners to store and access personal data on your device, such as browsing behaviour and unique identifiers. Some third parties are outside of the European Economic Area, with varying standards of data protection. See our **privacy policy** for more information on the use of your personal data. Your consent choices apply to springer.com and applicable subdomains.

You can find further information, and change your preferences via 'Manage preferences'. You can also change your preferences or withdraw consent at any time via 'Your privacy choices', found in the footer of every page.

We use cookies and similar technologies for the following purposes:

Store and/or access information on a device

Personalised advertising and content, advertising and content measurement, audience research and services development

**Accept all cookies** 

Reject optional cookies

### **Authors and Affiliations**

Shanghai Lixin University of Accounting and Finance, Shanghai, 201209, China

Yuan Tian

Gloria Sun School of Business and Management, Donghua University, Shanghai, 200051, China

Yuan Tian & Shuzhen Zhu

College of Engineering, Science and Technology, Shanghai Ocean University, Shanghai, 201306, China

Wei Chen

# **Corresponding author**

Correspondence to Yuan Tian

## Your privacy, your choice

We use essential cookies to make sure the site can function. We, and our 92 **partners**, also use optional cookies and similar technologies for advertising, personalisation of content, usage analysis, and social media.

By accepting optional cookies, you consent to allowing us and our partners to store and access personal data on your device, such as browsing behaviour and unique identifiers. Some third parties are outside of the European Economic Area, with varying standards of data protection. See our **privacy policy** for more information on the use of your personal data. Your consent choices apply to springer.com and applicable subdomains.

You can find further information, and change your preferences via 'Manage preferences'. You can also change your preferences or withdraw consent at any time via 'Your privacy choices', found in the footer of every page.

We use cookies and similar technologies for the following purposes:

Store and/or access information on a device

Personalised advertising and content, advertising and content measurement, audience research and services development

**Accept all cookies** 

Reject optional cookies

### Search

Search by keyword or author

Q

# **Navigation**

Find a journal

## Your privacy, your choice

We use essential cookies to make sure the site can function. We, and our 92 **partners**, also use optional cookies and similar technologies for advertising, personalisation of content, usage analysis, and social media.

By accepting optional cookies, you consent to allowing us and our partners to store and access personal data on your device, such as browsing behaviour and unique identifiers. Some third parties are outside of the European Economic Area, with varying standards of data protection. See our **privacy policy** for more information on the use of your personal data. Your consent choices apply to springer.com and applicable subdomains.

You can find further information, and change your preferences via 'Manage preferences'. You can also change your preferences or withdraw consent at any time via 'Your privacy choices', found in the footer of every page.

We use cookies and similar technologies for the following purposes:

Store and/or access information on a device

Personalised advertising and content, advertising and content measurement, audience research and services development

Accept all cookies

Reject optional cookies