

**LEMBAR**  
**HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW**  
**KARYA ILMIAH : JURNAL ILMIAH**

Judul karya ilmiah (artikel) : The Impact of Fossil and Renewable Energy Consumption on the Economic Growth in Brazil, Russia, India, China and South Africa  
 Jumlah Penulis : 2  
 Status Pengusul : Penulis Pertama  
 Nama Penulis : **Dr. Hadi Sasana, SE, M.Si**

Identitas : a. Nama Jurnal : International Journal of Energy Economics and  
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 : b. Nomor ISSN : 2146-4553  
 : c. Volume, nomor, bulan, : Vol. 7 Issue 3, 2017 p.194-200  
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 : d. Penerbit : EJ EconJournals  
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 : f. Alamat web jurnal : www.econjournals.com  
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• Kelengkapan dan kesesuaian unsur	Artikel bagus dan relevan, rekomendasi cukup konkret dan tajam
• Ruang lingkup dan kedalaman pembahasan	Ruang lingkup dan kedalaman pembahasan memadai
• Kecukupan dan Kemutakhiran Data & Metodologi	Metodologi sudah cukup baik, data cukup mutakhir
• Kelengkapan unsur dan kualitas penerbit	Unsur sudah lengkap dan kualitas penerbit bagus
• Indikasi plagiasi	Tidak ditemukan indikasi plagiasi
• Kesesuaian bidang ilmu	Terdapat kesesuaian dengan bidang ilmu pengusul, ekonomi publik

Semarang, 4 Oktober 2019

Reviewer



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d. Kelengkapan unsur dan kualitas penerbit (30%)	12					11
<b>Total = (100%)</b>	<b>40</b>					<b>33</b>
<b>Kontribusi Pengusul (Penulis Pertama )</b>						19,8

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• Kelengkapan dan kesesuaian unsur	Artikel baik dan kesesuaian unsur juga baik serta relevan
• Ruang lingkup dan kedalaman pembahasan	Ruang lingkup dan kedalaman pembahasan memadai, rekomendasi cukup relevan.
• Kecukupan dan Kemutakhiran Data & Metodologi	Metodologi sudah cukup baik, data cukup mutakhir
• Kelengkapan unsur dan kualitas penerbit	Unsur sudah lengkap dan kualitas penerbit bagus terindeks di Scopus Q2
• Indikasi plagiasi	Tidak ditemukan indikasi plagiasi
• Kesesuaian bidang ilmu	Terdapat kesesuaian isi artikel dengan bidang ilmu pengusul yaitu Ekonomi Publik

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Reviewer 2



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International Journal of Energy Economics and Policy [Open Access](#)  
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## The impact of fossil and renewable energy consumption on the economic growth in Brazil, Russia, India, China and South Africa (Article)

Sasana, H. , Ghozali, I. ✉

Faculty of Economics and Business, Diponegoro University, Indonesia

### Abstract

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The energy consumption of the developing countries such as Brazil, Russia, India, China and South Africa (BRICS) continues to rise as the economic growth increases. The aim of this study was to analyze the effect of the consumption of the fossil fuels (coal, petroleum, and natural gas) and the renewable energy to the economic growth in the five BRICS countries. The analysis tool used was multiple linear regression using fixed effect model method and panel data on time series from 1995 to 2014. The results showed that the consumption of fossil energy, especially coal energy, positively and significantly affects the economic growth in the BRICS countries. However the renewable energy consumption a negatively affects the economic growth in the BRICS countries. © 2017, Econjournals. All rights reserved.

### SciVal Topic Prominence ⓘ

Topic: Economics | Energy utilization | Unidirectional causality

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Brazil, Russia, India, China and South Africa Consumption of fossil energy Economic growth  
Renewable energy consumption

ISSN: 21464553

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**SUMMARY** REVIEW EDITING

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Title	The Impact of Fossil and Renewable Energy Consumption on the Economic Growth in Brazil, Russia, India, China and South Africa
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Submitter	Imam Ghozali 
Date submitted	June 5, 2017 - 09:50 PM
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### SUBMISSION METADATA

#### AUTHORS

Name	Hadi Sasana 
Affiliation	—
Country	—
Bio Statement	—
Name	Imam Ghozali 
Affiliation	Diponegoro University Indonesia
Country	Indonesia
Bio Statement	Accounting Department
Principal contact for editorial correspondence.	

#### TITLE AND ABSTRACT

Title	The Impact of Fossil and Renewable Energy Consumption on the Economic Growth in Brazil, Russia, India, China and South Africa
Abstract	The energy consumption of the developing countries such as Brazil, Russia,

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India, China and South Africa (BRICS) continues to rise as the economic growth increases. The aim of this study was to analyze the effect of the consumption of the fossil fuels (coal, petroleum, and natural gas) and the renewable energy to the economic growth in the five BRICS countries. The analysis tool used was multiple linear regression using Fixed Effect Model (FEM) Method and panel data on time series from 1995 to 2014. The results showed that the consumption of fossil energy, especially coal energy, positively and significantly affects the economic growth in the BRICS countries. However the renewable energy consumption a negatively affects the economic growth in the BRICS countries.

**Keywords:** economic growth, consumption of fossil energy, renewable energy consumption, BRICS.

**JEL Classifications:** Q42, Q43

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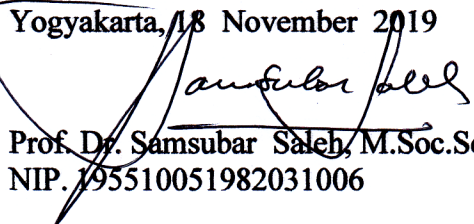
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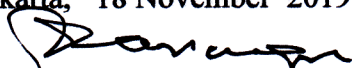
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