

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

Judul karya ilmiah (paper) : Towards an Independent City: The Role of Ungaran City as a Sub-Center of Semarang City

Jumlah Penulis : 4 orang

Status Pengusul : T R Setiyowati, W Handayani, M Damayanti, **I Rudiarto**

Identitas prosiding : a. Judul Prosiding : IOP Conference Series:Earth and Environmental Science  
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- a. Unsur ini cukup lengkap, tetapi tidak ada acknowledgement
- b. Pendalaman materi hanya didukung 12 pustaka & hanya 5 yang dari artikel jurnal
- c. Data & metode cukup
- d. Terindeks Scopus (IOP Series); SJR = 0,17

Semarang, 20-02-2020

Reviewer 1,



Prof. Dr.rer.nat. Imam Buchori, ST  
NIP. 197011231995121001  
Departemen PWK, FT. Undip

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d. Kelengkapan unsur dan kualitas terbitan/prosiding (30%)	9		9,0
<b>Total = (100%)</b>	<b>30</b>		<b>26,0</b>
<b>Nilai Pengusul :</b>			

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- a. Tulisan cukup lengkap. Conclusions tidak ada
- b. Substansi cukup. Ruang lingkup komprehensif terkait The Role of Ungaran City
- c. Artikel miliki nilai kebaruan cukup. Referensi ada 12, 25% saja terbitan ≤ 10 tahun terakhir
- d. Prosiding diterbitkan oleh IOP Conference Series. Terindeks Scopus. SJR = 0,17 (2018)

Semarang, 03-03-2020

Reviewer 2,



Prof. Dr. Ir. Nany Yulastuti, MSP  
NIP. 195407171982032001  
Departemen PWK, FT. Undip

**LEMBAR**  
**HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW**  
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<b>Total = (100%)</b>	20,5	26,0	23,25

Semarang, 09-03-2020

Reviewer 1,



Prof. Dr.rer.nat. Imam Buchori, ST  
NIP. 197011231995121001  
Departemen PWK FT.Undip

Reviewer 2,



Prof. Dr. Ir. Nany Yuliasuti, MSP  
NIP. 195407171982032001  
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d. Kelengkapan unsur dan kualitas terbitan/prosiding (30%)	9		8,5
<b>Total = (100%)</b>	<b>30</b>		<b>23,25</b>
<b>Nilai Pengusul :</b>			

Semarang, 09-03-2020

Reviewer 1,



Prof. Dr. rer. nat. Imam Buchori, ST  
NIP. 197011231995121001  
Departemen PWK FT.Undip

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IOP Conference Series: Earth and Environmental Science  
Volume 202, Issue 1, 27 November 2018, Article number 012035  
2017 CITIES International Conference: Multi Perspectives on Peri-Urban Dynamics Towards Sustainable Development; Surabaya; Indonesia; 18 October 2017 through ; Code 142713

### Towards an independent city: The role of Ungaran City as a sub-center of Semarang City (Conference Paper) [\(Open Access\)](#)

Setiyowati, T.R.<sup>a,b</sup>, Handayani, W.<sup>a,b</sup>, Damayanti, M.<sup>a,b</sup>, **Rudiarto, I.<sup>a,b</sup>**

<sup>a</sup>Urban and Regional Planning, Indonesia

<sup>b</sup>Universitas Diponegoro, Semarang, Indonesia


#### Abstract

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Semarang City has a strong connection with Ungaran City as they are interlinked and connected by a good transportation system. However, Ungaran City growth is not solely influenced by Semarang City development. Ungaran as the sub-center is able to develop as an independent growth center for its surrounding areas mainly because of the existing industrial activities and its strategic location alongside the main road of Semarang - Yogyakarta - Solo. This paper aims to analyze the growth process of Ungaran City. It is find out that some areas in Ungaran City are able to act as a Counterurbanization of Semarang City and some others act as a Suburbanization. © Published under licence by IOP Publishing Ltd.


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
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## CITIES 2017: Multi Perspectives on Peri-Urban Dynamics Towards Sustainable Development

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## CITIES 2017 International Conference

**PREFACE**

CITIES conference is an annual conference event held by the Departement of Urban and Regional Planning. CITIES conference has a scale from national to international conference. CITIES conference had been held 7 (seven) times nationally and 3 (three) times Internationally in 2013, 2015 and 2017. The purpose of this conference is to provide publications of all of the science and technology result based on research and planning practices. The past themes of the CITIES serial are:

- Innovations In Spatial Planning Practices for Development and Decentralization (2005);
- In Search of Integration: Between Planning and Spatial Programming (2008);
- Toward Sustainable, Competitive, and Autonomous Spatial Planning (2009);
- Facing the Future: Innovation In Planning Research and Practices (2010);
- Spatial Planning Research Agenda for Sustainable and Just Urban and Regional Development (2011);
- Facing Global Challenges In The Future Urban Sphere (2012);
- Resilient Cities: Beyond mitigation, preparedness, response, dan recovery (2013);
- Eco City, Utopia or Reality (2014);
- Intelligent Planning Towards Smart Cities (2015);
- Coastal Planning for Sustainable Maritime Development (2016);

This **2017** CITIES INTERNATIONAL CONFERENCE is featuring topic in: ***Multi Persepectives on Peri-Urban Dynamics Towards Sustainable Developments***. Focusing on the urban and peri-urban connections, issues, challenges and dynamics development of peri urban, this conference aim to provide the insights in many aspects of the developments towards the future which not only considering urban area but also focusing in the peri-urban.

Some results that can be concluded in this proceedings are: 1). Better predictions on the urban and sub urban development is equal with better planning, there are many new modelling approaches that presented in this conferences from land use, transportation to smart applications, 2). The emerging development of peri urban often facing the infrastructure and land use issues and 3). The urban that recently need to be revitalized not only on the sense of economic and land use but also gaining social and humanistic approaches to be creative space and igniting the place attachment in the city.





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Analysis of flood by using river flow map from landsat 8 imaging to mitigate flood and  
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