

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

Judul karya ilmiah (paper) : The Spatial Pattern of Dengue Fever Risk in Semarang City  
 Jumlah Penulis : 2 orang  
 Status Pengusul : Widjarnako, **I Rudiarto**

Identitas prosiding : a. Judul Prosiding : IOP Conference Series:Earth and Environmental Science  
 b. ISBN/ISSN : 1755-1315  
 c. Tahun Terbit/tempat pelaksanaan : 2019  
 d. Penerbit/organiser : IOP Publishing  
 e. Alamat repository PT/web : <http://iopscience.iop.org/article/10.1088/1755-1315/313/1/012008>  
 f. Terindeks di (jika ada) : SJR 0,175 (2019) dan SNIP 0,514 (2019)

Kategori Publikasi Makalah :  *Prosiding* Forum Ilmiah Internasional  
 (beri ✓ pada kategori yang tepat)  *Prosiding* Forum Ilmiah Nasional

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Maksimal <i>Prosiding</i>		Nilai Akhir Yang Diperoleh
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	30	□	
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c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	9		7,5
d. Kelengkapan unsur dan kualitas terbitan/prosiding (30%)	9		8,5
<b>Total = (100%)</b>	<b>30</b>		<b>25,0</b>

**Nilai Pengusul :**

Catatan Penilaian paper oleh *Reviewer*:

- a. Unsur isi paper lengkap dan mengacu kepada petunjuk penulisan yang tersedia *online*. Benang merah antara judul dan IMRaD pada pembahasan secara spasial pola penyakit demam berdarah di Kota Semarang.
- b. Lingkup pembahasan makalah pada pola keruangan dari penyakit demam berdarah yang ada di Kota Semarang dengan tingkat resikonya dan sesuai dengan bidang ilmu penulis perencanaan spasial. Pembahasan hasil didukung oleh 1 pustaka dari 13 pustaka yang ada dimana 7 pustaka merupakan artikel jurnal.
- c. Makalah didukung oleh 13 pustaka dimana 8 diantaranya merupakan terbitan 10 tahun terakhir. Data dan metode cukup baik dengan menggunakan analisis spasial dalam GIS.

d. Prosiding terindeks Scopus (IOP Series) dengan SJR 0,175 tersedia online dan open access. Prosiding dilengkapi dengan ISBN, DOI, dan terkategori prosiding internasional; editor cukup cermat.

Semarang, 20-02-2020

Reviewer 1,



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

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a. Kelengkapan unsur isi paper (10%)	3		3,0
b. Ruang lingkup dan kedalaman pembahasan (30%)	9		8,0
c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	9		7,0
d. Kelengkapan unsur dan kualitas terbitan/prosiding (30%)	9		9,0
<b>Total = (100%)</b>	<b>30</b>		<b>27,0</b>

**Nilai Pengusul :**

Catatan Penilaian paper oleh *Reviewer*:

- Tulisan cukup lengkap dan sudah mengacu pada petunjuk penulisan (*author guidelines*) prosiding. Judul dan IMRaD berkaitan dimana pola keruangan dari penyakit demam berdarah dibahas dalam komponen isi makalah.
- Kedalaman artikel cukup dan pembahasan cukup detail terutama untuk pola spasial dan tingkat resiko dari penyakit demam berdarah yang ada dan sesuai dengan bidang ilmu penulis untuk perencanaan spasial. Pembahasan hasil dalam makalah menggunakan sekitar 1% dari total pustaka yang digunakan.
- Kemutakhiran data cukup yang didukung referensi sebanyak 13 sumber dimana 13, 77% diantaranya merupakan terbitan  $\leq 10$  tahun terakhir. Metode cukup terbaru dengan menggunakan analisis spasial dalam GIS.

d. Prosiding diterbitkan oleh IOP Publishing dan terindeks scopus dengan SJR 0,17 dan ber-ISBN. Prosiding internasional dan tersedia *online* dengan system *open access* yang dilengkapi dengan tautan DOI.

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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	Reviewer I	Reviewer II	
a. Kelengkapan unsur isi paper (10%)	3,0	3,0	3,0
b. Ruang lingkup dan kedalaman pembahasan (30%)	6,0	8,0	7,0
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	7,5	7,0	7,25
d. Kelengkapan unsur dan kualitas terbitan/prosiding (30%)	8,5	9,0	8,75
<b>Total = (100%)</b>	25,0	27,0	26,0

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  
 Departemen PWK FT.Undip

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b. Ruang lingkup dan kedalaman pembahasan (30%)	9		7,0
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d. Kelengkapan unsur dan kualitas terbitan/prosiding (30%)	9		8,75
<b>Total = (100%)</b>	<b>30</b>		<b>26,0</b>
<b>Nilai Pengusul :</b>			

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  
 Departemen PWK FT.Undip

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IOP Conference Series: Earth and Environmental Science  
Volume 313, Issue 1, 28 August 2019, Article number 012008  
3rd Geoplanning-International Conference on Geomatics and Planning; Gumaya Tower Hotel-SemarangSemarang; Indonesia; 29 August 2018 through 30 August 2018; Code 152076

### The Spatial Pattern of Dengue Fever Risk in Semarang City (Conference Paper) [\(Open Access\)](#)

Widjonarko [Rudiarto, I.](#)

Department of Urban and Regional Planning, Diponegoro University, Prof. H. Soedharto Street, Semarang, 50275, Indonesia

#### Abstract

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The city of Semarang has a high level of hazard and vulnerability to Dengue Fever disaster. Socio-economic conditions and low of hygienic and healthy living behavior lead to low adaptability to dengue fever disaster. Empirical facts show that the incidence of dengue fever disease occurs in areas which has low socioeconomic levels, poor of built environmental conditions and low of hygienic and healthy behavior which are mostly located in the northern part of Semarang City. The high level of hazard and vulnerability as well as the low adaptive capacity causes the dengue fever disasters in the northern part of Semarang City is always high, the periphery which has a better socioeconomic conditions and lower of population density has a lower risk of dengue fever. © Published under licence by IOP Publishing Ltd.

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## PREFACE: Proceedings of the 3<sup>rd</sup> Geoplanning International Conference

To cite this article: 2019 *IOP Conf. Ser.: Earth Environ. Sci.* **313** 011001

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## **PREFACE: Proceedings of the 3<sup>rd</sup> Geoplanning International Conference**

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3<sup>rd</sup> Geoplanning Conference is an international conference covering research and development in the field of applied geomatics' technologies for spatial planning, including GIS, Remote Sensing, and Satellite Image Processing. Bringing "Geomatics' and Spatial Planning in Big Data Era" as title, the 3<sup>rd</sup> International Geoplanning Conference took place in Semarang, Central Java-Indonesia, on 29-30 August, 2018. This Conference held by Diponegoro University in cooperation with Center of Geomatic's Application for Sustainable Development (Cegas).

More than 200 abstract were submitted and after an initial review 87 papers were presented. Through peer review process, more than 40 papers were accepted for publication in the IOP Earth and Environmental Sciences.

This Annual Event is addressed jointly to academics and practitioners and provides a forum for a number of perspectives, based on either theoretical analyses or empirical case studies that fosters the dialogue and the exchange of ideas.

The Conference offered a number of sessions under its patronage, providing a concise overview of the most current issues and hands-on experience in Geomatics' and Spatial Planning - related fields:

**Theme 1: Spatial Modelling**

**Theme 2: GIS Mapping**

**Theme 3: Urban and Regional Planning**

**Theme 4: Remote Sensing and Image Processing**

We would like to thank all the reviewers for their time and effort in reviewing the documents. The published papers have passed the process of improvement accommodating the discussion during the conference as well as the reviewers' comments who have guided any necessary improvement. Besides, we would like to thank all members that participated in any way in the 3<sup>rd</sup> Geoplanning Conference and especially the sponsors:

- ⇨ Diponegoro University
- ⇨ MAPIN (Indonesian Society for Remote Sensing)
- ⇨ Technische Universiteit Munchen
- ⇨ ETH Zurich
- ⇨ Esa Unggul University
- ⇨ Enagic Kangen Water

Hopefully this proceeding could bring new perspectives in Applied Geomatic's and Urban Regional Planning.

3<sup>rd</sup> Geoplanning Committee



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Gumaya Tower Hotel-Semarang, Indonesia**

Accepted papers received: 03 July 2019

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