

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

Judul karya ilmiah (paper) : Vulnerability Assessment: The Role of Coastal Informal Settlement Growth to Social Vulnerability in Genuk Sub-District, Semarang City

Jumlah Penulis : 4 orang

Status Pengusul : S.Sariffuddin, **Khristiana Dwi A**, Gustika F, Lutfiyatul W

Identitas prosiding : a. Judul Prosiding : IOP Conference Series:Earth and Environmental Science  
b. ISBN/ISSN : e.1755-1315,p.1755-1307  
c. Tahun Terbit/tempat pelaksanaan : Vol.55 Convergence 1,2017  
d. Penerbit/organiser : IOP Publishing  
e. alamat repository PT/web : http://iopscience.iop.org/article/10.1088/1755-1315/55/1/012047/meta  
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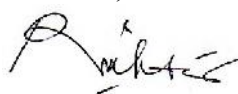
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<b>Total = (100%)</b>	<b>30</b>		
<b>Nilai Pengusul :</b>			<b>26,5</b>

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- Ruang lingkup dan kedalaman pembahasan:  
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- Kecukupan dan kemutakhiran data/informasi dan metodologi  
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Semarang, 21 September 2020  
Reviewer 1,



Dr.Ars.Ir. Rina Kurniati, MT  
NIP.196608221997022001  
Departemen PWK FT.Undip

**LEMBAR**  
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a.Kelengkapan unsur isi paper (10%)	3		2
b.Ruang lingkup dan kedalaman pembahasan (30%)	9		8
c.Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9		8
d.Kelengkapan unsur dan kualitas terbitan/prosiding (30%)	9		8
<b>Total = (100%)</b>	<b>30</b>		26
<b>Nilai Pengusul :</b>			

Catatan Penilaian paper oleh Reviewer :

- Unsur isi paper lengkap, daftar Pustaka mencukupi untuk referensi pembahasan paper
- Lingkup dan kedalaman pembahasan mencukupi, beberapa model perhitungan dan konsep penilaian digunakan untuk menilai kondisi kerentanan sosial kawasan pesisir.
- Data mencukupi, menggunakan data hasil survei primer terhadap sampel kawasan studi
- Publikasi pada prosiding internasional IOP terindeks scopus.

Semarang,

Reviewer 2,

  
 Ir. Holi Bina Wijaya, MUM  
 NIP.196711101994031003  
 Departemen PWK FT.Undip

**LEMBAR**  
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Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Reviewer		Nilai Rata-rata
	Reviewer I	Reviewer II	
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b.Ruang lingkup dan kedalaman pembahasan (30%)	8,0	8	8
c.Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	8,0	8	8
d.Kelengkapan unsur dan kualitas terbitan/prosiding (30%)	8,0	8	8
<b>Total = (100%)</b>	<b>26,5</b>	<b>26</b>	<b>26.25</b>

Reviewer 1,



Dr.Ars.Ir. Rina Kurniati, MT  
NIP.196608221997022001  
FT. Undip Jurusan PWK

Semarang,

Reviewer 2,



Ir. Holi Bina Wijaya, MUM  
NIP. 196711101994031003  
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IOP Conference Series: Earth and Environmental Science  
 Volume 55, Issue 1, 1 March 2017, Article number 012047  
 2nd International Conference on Tropical and Coastal Region Eco-Development 2016, ICTCRED 2016; Bali; Indonesia; 25  
 October 2016 through 27 October 2016; Code 126824

### Vulnerability Assessment: The Role of Coastal Informal Settlement Growth to Social Vulnerability in Genuk Sub-District, Semarang City

(Conference Paper) (Open Access)

Sariffuddin<sup>a</sup>, Astuti, K.D.<sup>b</sup>, Farhaeni, G.<sup>b</sup>, Wahdah, L.<sup>c</sup>

<sup>a</sup>Department of Urban and Regional Planning, University of Diponegoro, Indonesia  
<sup>b</sup>Perum Perumnas, Semarang, Jl. Wilis No.23 Candisari, Semarang, Indonesia  
<sup>c</sup>Master of Environmental Science, University of Diponegoro, Indonesia

#### Abstract

Tidal, land subsidence and flooding in Semarang City brought many consequences to the city's economic and social conditions. In the economic sector, the largest contributor to GDP derives from industries that are located in the coastal area. The environmental problems also affect the ability of social adaptation and vulnerability. This issue encourages the efforts of the public and the government. City conditions are constantly changing force people to adapt for survival, through endogenous. At the same time, the government is trying to help for the same goal, through a variety of urban development. Although it has the same goal, many found gaps, which, if not followed could increase the vulnerability of society and lead social dysfunction. According to of the phenomenon, this article is based on questionnaire surveys, observation, and previous studies in Semarang City. Quantitative data obtained from questionnaire surveys of 133 respondents of the household. The questionnaire distributed in 3 villages in Genuk sub-district, i.e. Terboyo Kulon, Terboyo Wetan, and Trimulyo. Industrialisation in the coastal area is main caused informal settlement hyper growth in the coastal area. For the present study sought to find out how the process of adaptation that naturally affects the vulnerability of communities using qualitative methods. The results showed the social, economic condition is strongly influenced adaptability of society. © Published under licence by IOP Publishing Ltd.

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Field-Weighted Citation Impact  
 3.36

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#### Cited by 5 documents

- Coastal adaptation laws and the social justice of policies to address sea level rise: An Indonesian insight  
 Nurhidayah, L., Meligorm, A. (2019) *Ocean and Coastal Management*
- Integration of multi-parametric fuzzy analytic hierarchy process and GIS along the UNESCO World Heritage: a flood hazard index, Mombasa County, Kenya  
 Hatgekirimana, Y., Yu, L., Nie, Y. (2018) *Natural Hazards*

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