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

Judul karya ilmiah (artikel) : Adaptation to Coastal Flooding and Inundation : Mitigations and Migration Pattern in Semarang City, Indonesia

Jumlah Penulis : 6 penulis

Status Pengusul : Imam Buchori, Anggrengani P, Agung S, M. Maryono Yudi Basuki, Anang W Sejati.

Identitas Jurnal Ilmiah : a. Nama Jurnal : Journal Ocean and Coastal Management
b. Nomor ISSN : 09645691
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d. Penerbit : ELSEVIER Ltd
e. DOI artikel (jika ada):
<http://dx.doi.org/10.1016/j.ocecoaman.2018.07.017>
f. Alamat web jurnal :
<https://www.sciencedirect.com/science/article/pii/S0964569117309845?via%3Dihub>
g. Terindeks di Scimagojr/Thomson Reuter ISI knowledge atau di Scopus; Q1 SJR 2019: 0.82

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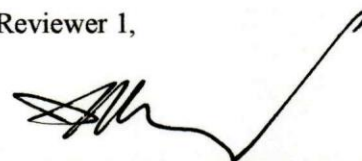
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c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	12			11.5
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	12			12
Total = (100%)	40			39.5
Nilai Pengusul : 40% x 39,5/5				3,16

Catatan Penilaian artikel oleh Reviewer:

- Artikel lengkap dan sesuai bidang ilmu penulis.
- Isi artikel berkaitan dengan *Mitigations and Migration Pattern* telah dibahas dengan data dan analisis yang komprehensif.
- Artikel memiliki kebaruan yang baik. Ada 69 referensi dan 78% terbitan ≤ 10 tahun terakhir. Turnitin Similiarity Index 15%.
- Journal Ocean and Coastal Management terindex Scopus Q1 (2018) dan SJR 0,98 (2018). Penerbit Elsevier.

Semarang, 20 Juli 2020

Reviewer 1,



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

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	Internasional/ internasional bereputasi 40	Nasional Terakreditasi 	Nasional 	
a. Kelengkapan unsur isi artikel (10%)	4			4,0
b. Ruang lingkup dan kedalaman pembahasan (30%)	12			11,0
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	12			12,0
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	12			12,0
Total = (100%)	40			39,0
Nilai Pengusul: 40% x 39/5				3,12

Catatan Penilaian artikel oleh Reviewer:

- a. Kelengkapan unsur isi artikel sangat lengkap dan sangat baik.
- b. Pembahasan sangat mendalam, didukung oleh lebih dari 60 pustaka yang sebagian besar adalah pustaka yang bersumber dari artikel jurnal ilmiah terkini.
- c. Data dan metode sangat mutakhir. Data diperoleh dengan kuesioner dan didukung analisis spasial menggunakan Geographic Information System (GIS).
- d. Unsur dan kualitas jurnal sangat baik. Jurnal terindeks SCOPUS Q1 dengan SJR pada tahun 2018 (tahun terbit) 0.98 dan 2019 0.82. Penerbit Elsevier.

Semarang, 12 Juli 2020

Reviewer 2,



Prof. Dr.-Ing. Gagoek Hardiman
NIP.195308191993031001
Departemen Arsitektur FT. Undip

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Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Reviewer		
	Reviewer I	Reviewer II	Nilai Rata-rata
a. Kelengkapan unsur isi artikel (10%)	4,0	4,0	4,0
b. Ruang lingkup dan kedalaman pembahasan (30%)	12,0	11,0	11,50
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	11,0	12,0	11,50
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	12,0	12,0	12,0
Total = (100%)	39,5	39,0	39,25

Semarang,

Reviewer 1,



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

Reviewer 2,



Prof. Dr.-Ing. Gagoek Hardiman
NIP.195308191993031001
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Ocean and Coastal Management

Volume 163, 1 September 2018, Pages 445-455

Adaptation to coastal flooding and inundation: Mitigations and migration pattern in Semarang City, Indonesia (Article)

Buchori, I.^a , Pramitasari, A.^b , Sugiri, A.^a , Mayono, M.^a , Basuki, Y.^a , Sejati, A.W.^a ^aDepartment of Urban and Regional Planning, Diponegoro University, Indonesia^bCenter of Geomatics Application for Sustainable Development, Diponegoro University, Indonesia

Abstract

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As a global issue, climate change has been significantly influencing coastal areas and causing changes in marine and terrestrial environments. The increase in sea-level rise (SLR), for example, has worsened the quality of life of coastal communities, and this risk increases especially in coastal cities of the developing world. This paper aims to comprehend the variety of self-mitigations and the patterns of local migrations of communities in the northern part of Semarang City, Indonesia. The delineation of the risk areas for Rob, a local term for inundation and flooding caused by sea water overflow, was accomplished with the application of GIS. Interviews with the inhabitants were conducted to investigate the scale and frequency of Rob and the variety of mitigation, adaptation, and responses at the individual, household or community level. Further investigation was done to comprehend the reasons why people moved away from their current residence to their intended locations. The results show that most inhabitants prefer to stay and to adapt rather than to leave, due to social factors such as being comfortable with their community relationships. Those who wanted to move chose diverse locations spread across various areas of the city. Safer places in the hilly areas of southern Semarang and other residences close to their family or relatives were the most preferable. Based on this understanding, local government should encourage people to be more aware of the potential hydro-meteorological hazards threatening their environment. © 2018 Elsevier Ltd

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[Primary Valuation of Coastal Flood Impact to Fish Farming in Brebes, Central Java](#)N Inwansyah, A.W., Suwarsito
(2020) *Journal of Physics: Conference Series*[Coastal disaster mitigation through shoreline changes analysis in Paripaman city](#)Donal, A.P., Andriani
(2020) *E3S Web of Conferences*

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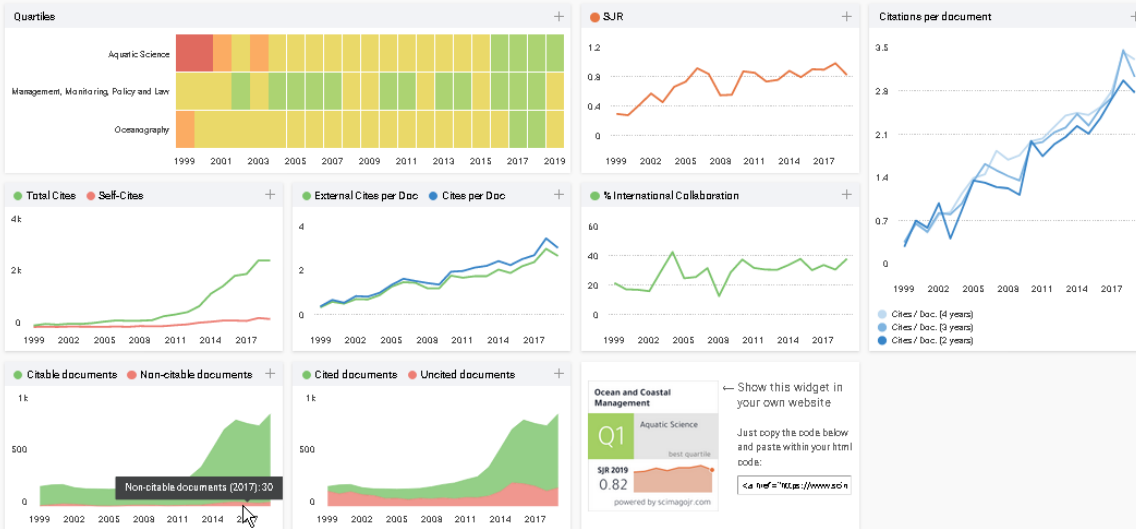
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