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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, Anggrenggani 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
c. Vol, no, bulan, tahun : Vol.163 September 2018
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**

Kategori Publikasi Jurnal Ilmiah (beri ✓pada kategori yang tepat) :
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☐ Jurnal Ilmiah Nasional Terakreditasi
☐ Jurnal Ilmiah Nasional /Nasional di DOAJ,CABI, COPERNICUS

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a. Kelengkapan unsur isi artikel (10%)	4			4
b. Ruang lingkup dan kedalaman pembahasan (30%)	12			12
c. Kecukupan dan kemutahiran 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:
a. Artikel lengkap dan sesuai bidang ilmu penulis.
b. Isi artikel berkaitan dengan *Mitigations and Migration Pattern* telah dibahas dengan data dan analisis yang komprehensif.
c. Artikel memiliki kebaruan yang baik. Ada 69 referensi dan 78% terbitan ≤ 10 tahun terakhir. Turnitin Similiarity Index 15%.
d. 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 Yuliastuti, MSP
NIP. 195407171982032001
Departemen PWK FT. Undip

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Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah			Nilai Akhir Yang Diperoleh
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a. Kelengkapan unsur isi artikel (10%)	4			4,0
b. Ruang lingkup dan kedalaman pembahasan (30%)	12			11,0
c. Kecukupan dan kemutahiran 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

LEMBAR
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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	9,0
b. Ruang lingkup dan kedalaman pembahasan (30%)	12,0	11,0	11,50
c. Kecukupan dan kemutahiran 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 Yuliastuti, MSP
NIP. 195407171982032001
Departemen PWK FT. Undip

Reviewer 2,

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

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Ocean and Coastal Management
Volume 163, 1 September 2018, Pages 445-455

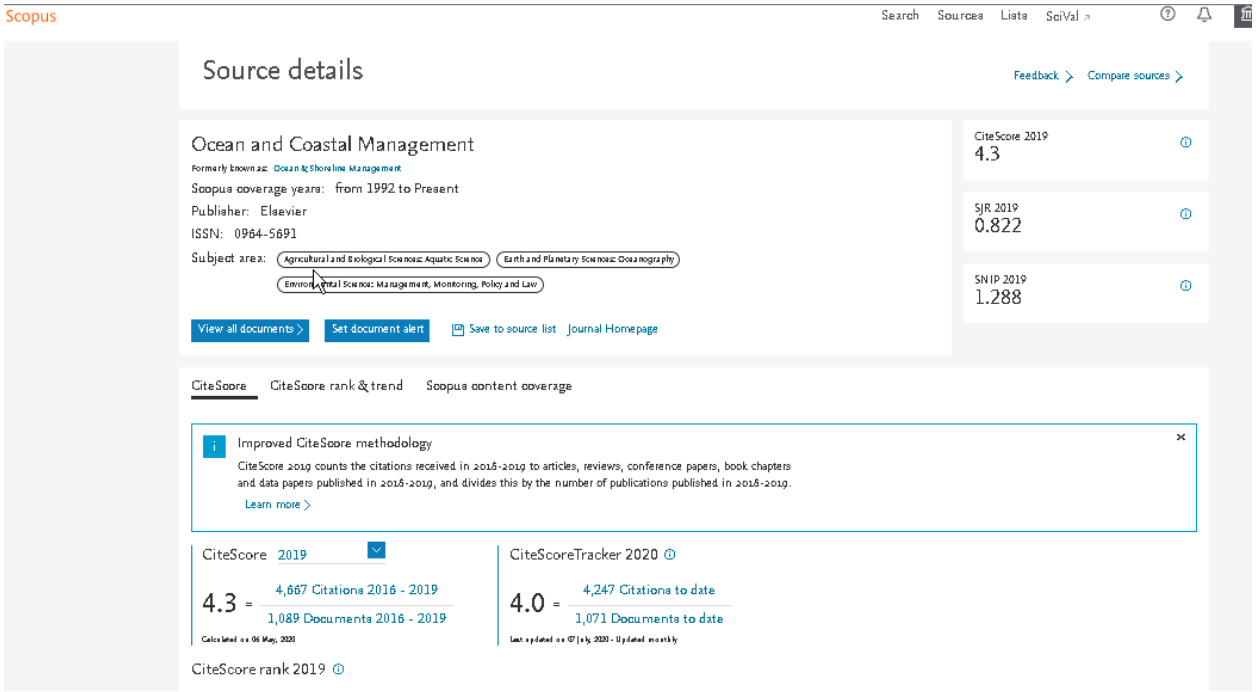
Adaptation to coastal flooding and inundation: Mitigations and migration pattern in Semarang City, Indonesia (Article)

Buchori, I.[a] ✉, Pramitasari, A.[b] ✉, Sugiri, A.[a] ✉, Maryono, M.[a] ✉, Basuki, Y.[a] ✉, Sejati, A.W.[a] ✉

[a]Department of Urban and Regional Planning, Diponegoro University, Indonesia
[b]Center of Geomatics Application for Sustainable Development, Diponegoro University, Indonesia

Abstract View references (69)

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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Publisher: Elsevier
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Country	United Kingdom - SJR Ranking of United Kingdom
Subject Area and Category	Agricultural and Biological Sciences Aquatic Science Earth and Planetary Sciences Oceanography Environmental Science Management, Monitoring, Policy and Law
Publisher	Elsevier BV
Publication type	Journals
ISSN	09645691
Coverage	1992-2020
Scope	Ocean & Coastal Management is the leading international journal dedicated to the study of all aspects of ocean and coastal management from the global to local levels. We publish rigorously peer-reviewed manuscripts from all disciplines, and inter-/trans-disciplinary and co-designed research, but all submissions must make clear the relevance to management and/or governance issues relevant to the sustainable development and conservation of oceans and coasts. Comparative studies (from sub-national to trans-national cases, and other management / policy arenas) are encouraged, as are studies that critically assess current management practices and governance approaches. Submissions involving robust analysis, development of theory, and improvement of management practice are especially welcome.

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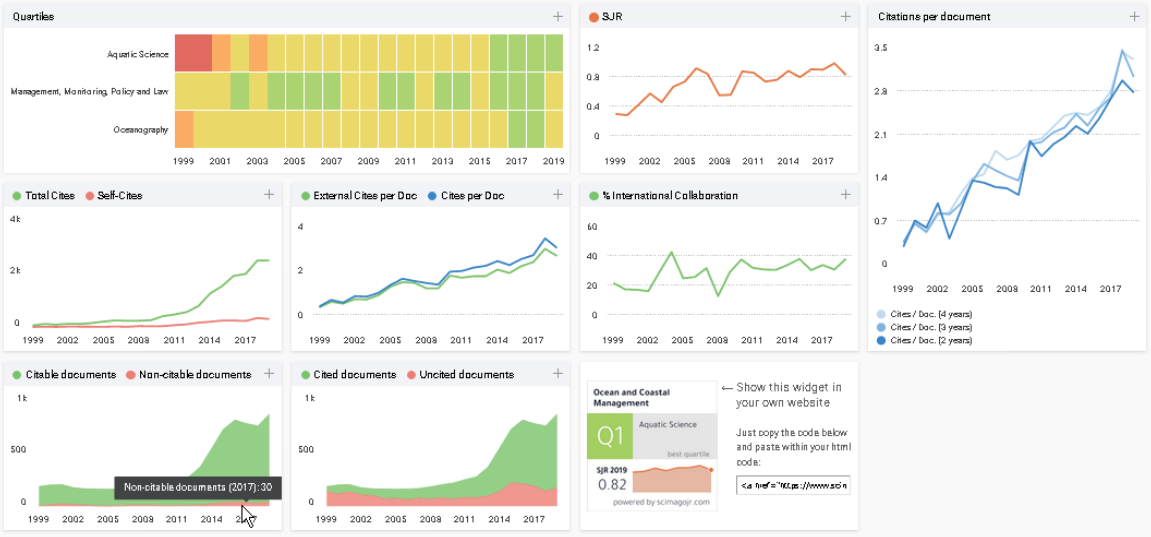

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