

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

Judul karya ilmiah (paper) : The Effectiveness of Strategy Adaptations on Tidal Flood in the Coastal Areas of Sayung, Demak, Central Java, Indonesia

Jumlah Penulis : 4 orang

Status Pengusul : **I Rudiarto**, H Rengganis, A Sarasadi, E Caesar

Identitas prosiding :

- a. Judul Prosiding : IOP Conference Series:Earth and Environmental Science
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- e. Alamat repository PT/web : <https://iopscience.iop.org/article/10.1088/1755-1315/448/1/012090>
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 (beri ✓ pada kategori yang tepat) ☐ *Prosiding* Forum Ilmiah Nasional

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	Internasional	Nasional	
	30		
a. Kelengkapan unsur isi paper (10%)	3		2,0
b. Ruang lingkup dan kedalaman pembahasan (30%)	9		5,0
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9		7,0
d. Kelengkapan unsur dan kualitas terbitan/prosiding (30%)	9		7,5
Total = (100%)	30		21,5

Nilai Pengusul :

Catatan Penilaian paper oleh *Reviewer*:

- a. Unsur isi cukup dan penulisan sudah mengacu kepada petunjuk penulisan yang tersedia online. Benang merah judul dan IMRaD terletak pada pembahasan strategi adaptasi dari adanya banjir pasang.
- b. Paper membahas tentang tingkat efektifitas strategi adaptasi yang dilakukan masyarakat sebagai tindakan preventif dalam mengatasi bencana banjir pasang di wilayah pedesaan pesisir. Paper sesuai dengan bidang ilmu penulis untuk perencanaan wilayah pesisir pedesaan. Pembahasan hasil didukung oleh 3 sumber pustaka (37,5%) dari total 8 pustaka yang digunakan.
- c. Makalah didukung oleh 8 pustaka dimana 7 di antaranya dari artikel jurnal dan terbitan dibawah 10 tahun terakhir. Data dan metode cukup mutakhir dengan menggunakan teknik skoring untuk menilai tingkat efektivitas.

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

Semarang, 20-07-2020

Reviewer 1,



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

LEMBAR
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Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Maksimal <i>Prosiding</i>		Nilai Akhir Yang Diperoleh
	Internasional	Nasional	
	30		
a. Kelengkapan unsur isi paper (10%)	3		2,5
b. Ruang lingkup dan kedalaman pembahasan (30%)	9		7
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9		7
d. Kelengkapan unsur dan kualitas terbitan/prosiding (30%)	9		6,5
Total = (100%)	30		23,0

Nilai Pengusul :

Catatan Penilaian paper oleh *Reviewer*:

- a. Artikel cukup lengkap dan sudah mengacu pada petunjuk penulisan prosiding. Pembahasan dalam IMRaD dan judul berkaitan dalam hal penilaian tingkat efektivitas dari upaya adaptasi yang dilakukan.
- b. Artikel berkaitan dengan *Strategy Adaptation* kurang dibahas dengan interpretasi cukup dari aspek yang lebih beragam. Makalah sesuai dengan bidang ilmu penulis terutama perencanaan wilayah pesisir. Pembahasan hasil menggunakan sekitar 37,5% dari total daftar pustaka yang ada.
- c. Nilai kemutakhiran kurang dimana hanya didukung oleh 8 referensi saja dimana 88% terbitan 10 tahun terakhir. Metode yang digunakan cukup dengan menggunakan metode skoring dalam penilaian titik efektivitas.

- 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, 29-07-2020

Reviewer 2,



Prof. Dr. Ir. Nany Yulastuti, MSP
NIP. 195407171982032001
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	
a.Kelengkapan unsur isi paper (10%)	2,0	2,5	2,25
b.Ruang lingkup dan kedalaman pembahasan (30%)	5,0	7,0	6,0
c.Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	7,0	7,0	7,0
d.Kelengkapan unsur dan kualitas terbitan/prosiding (30%)	7,5	6,5	7,0
Total = (100%)	21,5	23,0	22,25

Semarang, 30-07-2020

Reviewer 1,



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

Reviewer 2,



Prof. Dr. Ir. Nany Yulastuti, MSP
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Komponen Yang Dinilai	Nilai Maksimal <i>Prosiding</i>		Nilai Akhir Yang Diperoleh
	Internasional 30	Nasional 	
a. Kelengkapan unsur isi paper (10%)	3		2,25
b. Ruang lingkup dan kedalaman pembahasan (30%)	9		6,0
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9		7,0
d. Kelengkapan unsur dan kualitas terbitan/prosiding (30%)	9		7,0
Total = (100%)	30		22,25
Nilai Pengusul :			

Semarang, 30-07-2020

Reviewer 1,



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

Reviewer 2,



Prof. Dr. Ir. Nany Yulastuti, MSP
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IOP Conference Series: Earth and Environmental Science
Volume 448, Issue 1, 3 April 2020, Article number 012090
1st International Conference on Environment, Sustainability Issues and Community Development, INCRID 2019; Santika Premiere Hotel Semarang, Central Java Province; Indonesia; 23 October 2019 through 24 October 2019; Code 159006

The Effectiveness of Strategy Adaptations on Tidal Flood in the Coastal Areas of Sayung, Demak, Central Java, Indonesia (Conference Paper) [\(Open Access\)](#)

[Rudiarto, I.](#), [Rengganis, H.](#), [Sarasadi, A.](#), [Caesar, E.](#)

Department of Urban and Regional Planning, Diponegoro University, Indonesia

Abstract

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Sayung is one of sub-district of Demak Regency which located in the northside of the coastal area. For the last few decades, the coastal area has become a tidal flood cause of climate change, and human activities that have had an impact on social, economic and environmental aspects. The various adaptation efforts had been done to confronting the tidal flood phenomena. The purpose of this study to identify the effectivity of adaptation's strategy which related to the tidal flood phenomena. The required data includes the adaptation's activities, the financial adaptation's activities, the socio-cultural adaptation's activities that have obtained more than 100 household samples. Those samples have distributed in the four villages namely as Sriwulan, Bedono, Timbulsloko and Surodadi villages in the northside of Sayung sub-district coastal area. The data are obtained by scoring method through the questionnaires. This study can be provided as the effectivity level description of the completed adaptation efforts to decreasing the tidal flood risks or impacts. So that, the results of the efforts were landfill, floor elevations, household-furniture raising, highly effective. But, Sriwulan local people argued that the household-furniture raising was ineffectively being the solution, if it cannot be balanced with the others adaptations for solving the tidal flood phenomena. © 2020 IOP Publishing Ltd.

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[Spatial exposure and livelihood vulnerability to climate-related disasters in the North Coast of Tegal City, Indonesia](#)

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Preface

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PREFACE

The International Conference on Environment, Sustainability Issues, and Community Development 2019 (INCRID 2019) is the first international conference hosted by the Department of Environmental Engineering, Diponegoro University. INCRID 2019 was held at Santika Premiere Hotel, Semarang, Indonesia, from 23rd-24th October 2019. The program provides a unique platform for professionals, researchers, and academicians to share their experiences and explore the possible influence of sustainable living environment in the future. With the theme of "Discovering Innovations and Opportunities for Sustainable Living Environment", this forum will promote the close relationship between environment, sustainable development, and community development in order to achieve the desired goals to build the living environment.

Published papers in this proceeding has themed with various topics including Environment, Health, & Safety, Environmental Technology, Green Infrastructure, Energy Conservation and Efficiency, Urban Development and Resilient Community, and Sustainable Development. All of participants in this conference were come from various parts of the country, with background of either academia or industry.

The organizing committee is gratefully acknowledging for the support from various parties who contributed in successfulness of this event. We hope that INCRID 2019 will become a means of discussion that to improve and develop by promoting new ideas and strengthening networks among researchers. We believe that proceedings will serve the role of scientific reference and advancing knowledge in the future.

M. Arief Budihardjo, S.T., M.Eng.Sc., PhD.

Chief Organizer of INCRID 2019



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