

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

Judul karya ilmiah (artikel) : Operationalizing Resilience: A Content Analysis Of Flood Disaster Planning In Two Coastal Cities In Central Java, Indonesia

Jumlah Penulis : 5 penulis

Status Pengusul : Wiwandari Handayani, Micah R Fisher, **Iwan Rudiarto**, Jawoto Sih Setyono, Dolores Foley

Identitas Jurnal Ilmiah : a. Nama Jurnal : International Journal of Disaster Risk Reduction
b. Nomor ISSN : 2212-4209
c. Vol.,no.,bulan,tahun : Vol.35, April 2019, Pages 101073
d. Penerbit : Elsevier
e. DOI artikel (jika ada): 10.1016/j.ijdr.2019.101073
f. Alamat web jurnal : <https://www.sciencedirect.com/science/article/pii/S2212420918306125>
g. Terindeks di SJR Q1 0,964 (2019) dan SNIP 1,756 (2019)

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

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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 | | | 12,0 |
| c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%) | 12 | | | 11,0 |
| d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%) | 12 | | | 12,0 |
| Total = (100%) | 40 | | | 39,0 |

Nilai Pengusul :

Catatan Penilaian artikel oleh *Reviewer*:

- a. Unsur isi artikel lengkap sesuai dengan petunjuk penulisan yang disediakan yang terdiri dari: *title, authors-affiliations, abstract-keywords, theoretical preview, introduction, methods, findings, discussion, conclusion, acknowledgement, dan references*. Komponen artikel dibahas sesuai dengan judul yang diangkat terutama dalam konteks *resilience*.
- b. Pembahasan mendalam berkaitan dengan ketahanan di 2 kota (Tegal dan Semarang) di pesisir Jawa Tengah dan peran *stakeholders* dalam rangka untuk membuat kebijakan ketahanan kota dapat lebih operasional. Bagian *discussion* dalam artikel didukung oleh 9 pustaka (22,5%) yang berupa artikel jurnal.

- c. Penulisan artikel didukung dengan 40 sumber pustaka yang sebagian besar merupakan artikel jurnal dimana 31 diantaranya merupakan artikel terbitan 10 tahun terakhir. Data komprehensif dan metode yang digunakan *up to date* terutama dalam konteks pembahasan *resilience* yang mengkombinasikan pendekatan kualitatif dari kebijakan dan kondisi yang ada. Artikel sesuai dengan bidang ilmu penulis terutama dalam konteks perencanaan kota dan wilayah yang tangguh terhadap bencana.
- d. Jurnal internasional bereputasi tinggi dan terindeks *Scopus* dengan SJR = 0,964 tergolong Q1 yang diterbitkan oleh *Elsevier*. Unsur jurnal lengkap dan tersedia *online* berbayar/berlangganan dan dilengkapi dengan tautan DOI dan *editorial board* bereputasi.

Semarang, 14-01-2020

Reviewer 1,



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

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| | 40 | <input type="text"/> | <input type="text"/> | |
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Nilai Pengusul :

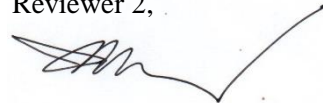
Catatan Penilaian artikel oleh *Reviewer*:

- a. Tulisan lengkap sesuai *template* jurnal yang tersedia secara *online* di laman jurnal. Komponen artikel dan judul artikel terkait dimana komponen isi membahas tentang *resilience* dan peran *stakeholders*.
- b. Substansi artikel berkaitan dengan aspek *Resilience* dimana data dibahas secara komprehensif untuk 2 kota (Tegal dan Semarang) dan sesuai dengan bidang penulis terutama dalam konteks perencanaan kota tangguh. Pembahasan dalam artikel melibatkan 22,5% pustaka dari total pustaka yang dipakai dan semuanya merupakan artikel jurnal.

- c. Dari total 40 referensi yang digunakan terdapat sebesar 78% pustaka yang merupakan terbitan ≤ 10 tahun. Data dan metode yang digunakan *up to date* sesuai dengan konteks yang dibahas dimana data diolah secara kuantitatif dan kualitatif kemudian dirumuskan dalam bentuk konsep atau model *operating resilience*.
- d. Jurnal internasional bereputasi tinggi terindeks Scopus dengan SJR 0,964 dan masuk quartile Q1 yang diterbitkan oleh *Elsevier*. Unsur jurnal lengkap dengan tautan DOI dan tersedia *online* berbayar/berlangganan.

Semarang, 07-02-2020

Reviewer 2,



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

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|---|----------------|-------------|-----------------|
| | Reviewer I | Reviewer II | Nilai Rata-rata |
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| c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%) | 11,0 | 11,0 | 11,0 |
| d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%) | 12,0 | 11,0 | 11,5 |
| Total = (100%) | 39,0 | 37,0 | 38,0 |

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
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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 Yulastuti, MSP
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Operationalizing resilience: A content analysis of flood disaster planning in two coastal cities in Central Java, Indonesia (Article)

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Abstract


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Global concern has sought to connect resilience with the field of disaster risk reduction, which was prominent in the Hyogo Framework for Action (2005–2015) and updated in the Sendai Framework for Disaster Risk Reduction (2015–2030). However, defining disaster risk reduction and resilience as policy goals geared towards reducing vulnerability and minimizing risk requires a closer examination. This research examines operationalization of resilience in programs and budgets of development plans in Indonesian cities. This paper investigates the documentation of planning policies in the Indonesian context, examining National to local level efforts. The research specifically analyzes case studies at two cities, Semarang and Tegal, and highlights how these sites have accommodated the term resilience to address flooding. The scope of the research focuses on flooding as it is the most commonly experienced hazard across Indonesia. Content analysis is applied to assess identified planning documents. The content analysis is further verified through focus group discussions among key stakeholders. Findings indicate that there are fourteen areas of plans/programs in terms of reduced exposure to hazards, lessened vulnerability of people and property, improved management of land and the environment, and improved preparedness to address flooding in the two selected cities. The elaboration of resilience-related programmes provides important lessons, namely that operationalizing resilience should be integrative and comprehensive, and require both short-term actionable initiative(s) and long-term transformative frameworks. © 2019

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