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

Judul karya ilmiah (artikel) : Community-Based Disaster Management: Assessing Local Preparedness Groups (LPGS) to Build A Resilient Community in Semarang City, Indonesia

Jumlah Penulis : 4 penulis

Status Pengusul : **Wiwandari Handayani**, Intan Hapsari Surya Putri, Mega Anggraeni, Jawoto Sih Setyono

Identitas Jurnal Ilmiah : a. Nama Jurnal : Disaster Advances  
b. Nomor ISSN : 0974-262X  
c. Vol.,no.,bulan,tahun : Vol. 12(5), 2019, hal. 23-36  
d. Penerbit : Disaster Advances  
e. DOI artikel (jika ada): -  
f. Alamat web jurnal : [https://worldresearchersassociations.com/Archives/DA/Vol\(12\)2019/May2019.aspx](https://worldresearchersassociations.com/Archives/DA/Vol(12)2019/May2019.aspx)  
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Semarang, 12-04-2020  
Reviewer 1,



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

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- Isi artikel tentang *Build A Resilient Community* telah dibahas secara komprehensif dengan interpretasi yang baik. Artikel jurnal sesuai dengan bidang penulis terutama dalam konteks perencanaan dan ketahanan yang dalam tulisan ini fokus pada pengelolaan bencana di level komunitas dengan mengambil kasus di Kota Semarang.
- Artikel ini memiliki nilai kebaruan yang baik. Kebaruan tidak hanya dari praktek-praktek ketahanan yang dilakukan dilakukan komunitas, tetapi juga kebaruan dari sisi metode yaitu

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Semarang, 09-07-2020

Reviewer 2,



Prof. Dr. Ir. Nany Yulastuti, MSP

NIP. 195407171982032001

Departemen PWK, FT. Undip

**LEMBAR  
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c.Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	10	11,5	10,75
d.Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	10	11,5	10,75
<b>Total = (100%)</b>	<b>35</b>	<b>39</b>	<b>37</b>
<b>Nilai = (60% x 37)</b>			<b>22,2</b>

Reviewer 1,



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

Semarang, 17-07-2020

Reviewer 2,



Prof. Dr. Ir. Nany Yulastuti, MSP  
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Disaster Advances  
Volume 12, Issue 5, 1 May 2019, Pages 23-36

## Community-based disaster management: Assessing local preparedness groups (LPGs) to build a resilient community in Semarang City, Indonesia (Article)

Handayani, W.<sup>a</sup>, Hapsari, S.P.I.<sup>b</sup>, Mega, A.<sup>c</sup>, Sih, S.J.<sup>a</sup>

<sup>a</sup>Department of Urban and Regional Planning, Diponegoro University, Indonesia

<sup>b</sup>Institute for Regional Development and Environmental Management, Indonesia

<sup>c</sup>Initiative for Urban Climate Change and Environment, Indonesia

### Abstract

View references (38)

Semarang is prone to flooding due to tidal flood from the sea and flash flood from the upper inland area. Several studies have noted that a community is an important element in the reduction of disaster (flood) risk. The purpose of this study is to examine the capacity of community formed as Local Preparedness Groups (LPGs) in Semarang. The analysis was designed by comparing perceptual-and evidence-based questions to assess the capacity of the LPGs to contribute to better comprehension of the strengths and emerging challenges in engaging the community/local people in Disaster Management (DM). The questions were derived from six main variables including knowledge, skill/capability, communication and collaboration, financial resources, leadership and organizational system. A mini FGD was conducted in each LPG and the participants were asked to form a consensus to answer the questions. The scoring system was applied to calculate the capacity value ranging from 0 to 1. We found an average capacity value of 0.64. © 2019, World Research Association. All rights reserved.

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Topic: Tornadoes | Disaster Preparedness | Evacuation

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### Author keywords

Disaster management Local preparedness group Perceptual and evidence-based Resilient community Semarang

### Indexed keywords

GEOBASE Subject Index: assessment method disaster management flooding local participation perception

Regional Index: Central Java Indonesia Semarang

### Funding details

Funding sponsor Funding number Acronym

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**Vol. 12(5) May 2019**

## A critical analysis of the competency of UNIFIL militaries in disaster response

Malla Shrijan Bahadur, Dahal Ranjan Kumar and **Hasegawa Shuichi**

Page No. 1-9

From the humanitarian prospective, the multinational military peacekeepers deployed in UNIFIL are also the tool for disaster response. But they lack preparedness. It is because legally they are only liable to provide a secure and stable environment within which humanitarian actors may carry out response activities. In that sense their disaster response competency is questionable. Three aspects of their disaster response competency - disaster management knowledge, disaster response engagement's perception and involvement in preparedness activities (training and exercise) - have been studied.

The result showed that one-third of the UNIFIL militaries are not aware of fundamental issues of disaster management. Most of them are confused on disaster response operational issues. Even they do not agree that the militaries should be engaged in disaster response operations. They have neither participated in any kind of disaster-related training nor in any disaster related exercise. A clear gap is evident in their disaster response competency that needs proper address.

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## Disaster, Development and Livelihood with Special Reference to Floods in India

Keyoor, Raja Meenakshi J. and Chittaranjan Subudhi

Page No. 59-64

The demographic map of India has been rewritten due to intense urbanization, technological development, motorization as the globalization has set platform for enormous unpredictable changes. Modernity has come all over the world under the guise of development. Flood, a consequence of environmental degradation has a direct impact on the development and livelihood. Flood could be either natural or manmade disaster that can be defined as an overflow of large quantities of water into a normally dry land. It could happen due to overflow of streams, rivers, lakes or oceans, melting of glaciers and mountain tops or as a result of excessive rain. India is highly prone to floods as National Disaster Management Authority states that out of the total geographical area of 329 million hectares (mha), more than 40mha is flood prone. The flood disaster creates damage to the social, political and economic development of the nation.

The basic purpose of development is to enhance the quality of life in long term where it is being affected all of a sudden by flood. Flood directly restricts the income generating factors of people. Notable movements in India always struggled for their livelihood which had been affected by various reasons and flood disaster is a major among it. This review attempts to study the link among the disaster, development and livelihood with specific reference to flood in India and it would bring out the existence scenario relating to flood and its impact on the livelihood of people of different sectors.

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