

**INDONESIAN JOURNAL OF
GEOGRAPHY**

Volume 49, No. 1, June 2017

Indonesian Journal of Geography (Indo.J.Geog.) Is an international journal published twice a year in June and December by The Faculty of Geography Gadjah Mada University in cooperation with The Indonesian Geographers Association. Correspondence concerning the journal should be addressed to the Chief Editor.

The Indonesia Journal of Geography welcomes authoritative, original, ably illustrated, and well-written manuscripts on any topic of geographical importance related to Indonesian cases as well as others areas in the planet. The Journal publishes Articles, Technical Notes, Rapid Communications, Opinion Papers, Comments/Responses and Corrections

Director

Sudibyakto

Chief Editor

Junun Sartohadi

Members

Hartono

Suratman

Eko Haryono

Projo Danoedoro

U.Scholz

Franck Lavigne

Muh.Aris Marfai

Sukamdi

Administrative staff

Andung B. Sekaranom

Purwani Istiana

Winarsih

Accredited Journal, Based on Decree of the Minister of Research, Technology and Higher Education,
Republic of Indonesia
Number 12/M/Kp/II/2015, Dated 11 February 2015

Indonesian Journal of Geography
Official mail address: Faculty of Geography, Universitas Gadjah Mada
Bulaksumur, Yogyakarta 55281, Indonesia.
<http://jurnal.ugm.ac.id/ijg>
Faximile +62.274.589 595; e-mail: ijg.ugm@gmail.com; ijg@ugm.ac.id

CONTENTS

SPATIAL TEMPORAL ANALYSIS OF URBAN HEAT HAZARD ON EDUCATION AREA (UNIVERSITY OF INDONESIA)	
<i>Adi Wibowo, Jarot Mulyo Semedi and Khairulmaini Osman Salleh</i>	1 - 10
INFRASTRUCTURAL FACILITY AND THE STUDENTS' ACADEMIC PERFORMANCE - A CRITIQUE	
Adejompo Fagbohunka	11 - 16
ASSESSING SPATIOTEMPORAL VARIABILITY OF DROUGHT IN TIHAMA PLAIN, YEMEN USING STANDARDIZED PRECIPITATION INDEX (SPI) WITH GEOGRAPHIC INFORMATION SYSTEMS (GIS)	
<i>Ali Ahmed Dhaif Allah, Noorazuan Bin MD. Hashim, Azahan Bin Awang</i>	17 - 27
GIS ANALYSIS OF FLOOD VULNERABLE AREA IN BENIN-OWENA RIVER BASIN NIGERIA	
Adebayo. H. Oluwasegun	28 - 34
REGIONAL MANAGEMENT OF AREAS WITH INDICATIONS OF URBAN SPRAWL IN THE SURROUNDING AREAS OF UNIVERSITAS MUHAMMADIYAH, YOGYAKARTA, INDONESIA	
<i>Sri Rum Giyasih</i>	35 - 41
GEOGRAPHICALLY WEIGHTED REGRESSION MODEL FOR POVERTY ANALYSIS IN JAMBI PROVINCE	
<i>Inti Pertiwi Nashwari, Ernan Rustiadi, Hermanto Siregar, and Bambang Juanda</i>	42 - 50
BUILDING ECOLITERACY THROUGH ADIWIYATA PROGRAM (STUDY AT ADIWIYATA SCHOOL IN BANDA ACEH)	
<i>Mirza Desfandi, Enok Maryani and Disman</i>	51 - 56
THE POLITICAL GEOGRAPHY OF VOTERS AND POLITICAL PARTICIPATION: EVIDENCE FROM LOCAL ELECTION IN SUBURBAN INDONESIA	
<i>Pitri Yandri</i>	57 - 64
SANDBAR FORMATION IN THE MESJID RIVER ESTUARY, RUPAT STRAIT, RIAU PROVINCE, INDONESIA	
<i>Rifardi and Yeeri Badrun</i>	65 - 72
DEVELOPMENT OF TOTAL SUSPENDED SEDIMENT MODEL USING LANDSAT-8 OLI AND IN-SITU DATA AT THE SURABAYA COAST, EAST JAVA, INDONESIA	
<i>Teguh Hariyanto, Trismono C. Krisna, Khomsin, Cherie Bhekti Pribadi and Nadjadji Anwar</i>	73 - 79
LAND CAPABILITY FOR CATTLE-FARMING IN THE MERAPI VOLCANIC SLOPE OF SLEMAN REGENCY YOGYAKARTA	
<i>Rini Widiati, Nafiatul Umami, and Totok Gunawan</i>	80 - 88
GEOGRAPHY AND COMMUNAL CONFLICT IN INDONESIA	
<i>Sujarwoto</i>	89 - 96
USE OF GEOGRAPHICALLY WEIGHTED REGRESSION (GWR) METHOD TO ESTIMATE THE EFFECTS OF LOCATION ATTRIBUTES ON THE RESIDENTIAL PROPERTY VALUES	
<i>Mohd Faris Dziauddin and Zulkefli Idris</i>	97 - 110