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

Judul karya ilmiah (artikel) : Open-Source WEB GIS Framework in Monitoring Urban Land Use Planning: Partcipatory Solutions for Developing Countries

Jumlah Penulis : 5 penulis

Status Pengusul : Anang W Sejati, **Imam Buchori**, Iwan Rudiarto, Christopher Silver, Kartiko Sulistyio

Identitas Jurnal Ilmiah :

- a. Nama Jurnal : Journal of Urban and Regional Analysis
- b. Nomor ISSN : p.2067-4062 e.2066-9969
- c. Vol, no, bulan, tahun : Vol. 12, Issue 1, 2020
- d. Penerbit : Editura Universitatii din Bucuresti
- e. DOI artikel (jika ada) : <https://doi.org/10.37043/JURA.2020.12.1.2>
- f. Alamat web jurnal : http://www.jurareview.ro/chapters/get_chapter/138
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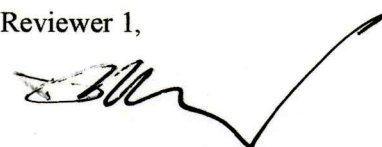
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- b. Isi artikel berkaitan dengan WEBGIS in Land Use Planning cukup lengkap. Dipembahasan ada gambar yang terlalu kecil, kurang jelas.
- c. Artikel memiliki kebaruan yang baik. Ada 58 referensi, 82% terbitan ≤ 10 tahun terakhir. Turnitin Similiarity Index 13%.
- d. Journal of Urban and Regional Analysis terindex Scopus Q2 (2019) dan SJR 0,274 (2019). Penerbit Editura Universitatii din Bucuresti.

Semarang, 20 Juli 2020

Reviewer 1,



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

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Total = (100%)	40			37,0
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- Data dan metode mutakhir dengan menggunakan analisis berbasis Web-Geographic Information System (Web-GIS).
- Kualitas terbitan baik. Terindeks SCOPUS Q2 SJR tahun 2019 0,27. Penerbit Editura Universitatii din Bucuresti.

Semarang,

Reviewer 2,

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

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d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	10,0	11,0	10,50
Total = (100%)	36	37,0	36,50

Semarang,

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Volume 12, Issue 1, 2020, Pages 19-34Open-source web GIS framework in monitoring urban land use planning: Participatory solutions for developing countries (Article) [\(Open Access\)](#)Sejati, A.W.^a  [Buchori, I.^a](#)  Rudiarto, I.^a  Silver, C.^b  Sulistyono, K.^a ^aDiponegoro University, Semarang, Indonesia^bUniversity of Florida, Gainesville, United States

Abstract

This paper presents a Web GIS application development framework through an open-source software which aims to provide reliable open data services, required for policymaking in urban land use planning. The geodatabase model is comprehensively developed. It displayed a user interface using QGIS, MapServer, and Pmapper, with open source tools with PHP MapScript programming languages and integrated DB-5QL, to generate a complete digital map service with information on urban land use policy. The results of this Web GIS development can be publicly used with spatial databases suitable for public consumption, and as decision support systems for stakeholders, especially in the policy of urban land use planning. Thus, this application can serve as a model for land-use monitoring systems based upon the principle of information disclosure toward smart city and smart governance. © 2020, Editura Universitatii din Bucuresti. All rights reserved.

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Scope Urban and regional questions are crucial in understanding the present territorial conditions. From the World Bank's 'rediscovery' in its 2009 Report of the potential of cities in encouraging economic growth, to the multiple ways in which cities are being drawn into the processes of neoliberalism, to the dynamic growth of cities in the developing countries in Asia far outstripping the scale of cities in the older urbanized nations – everywhere there are signs of a rapidly changing urban condition. The same is true for the regions where 'old questions' of regional economic disparity and uneven development are being given a new twist as economic globalization impacts the national and local arenas. JURA, the Journal of Urban and Regional Analysis, working as an Open-access journal (with two issues/year, in February and in August – starting with 2020; previously annually publishing in June and in December, for the period 2009-2019), was launched as a response to the exciting world of urban and regional research emerging in reaction to these changes happening in the real world. JURA represents the initiative of the Interdisciplinary Center for Advanced Research on Territorial Dynamics (CICADIT) at the University of Bucharest working in collaboration with Ronan Paddison at the University of Glasgow. While the intention is that articles published by JURA will draw an example throughout the world, particular emphasis will be given to urban and regional change as it is being experienced in Eastern Europe.

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