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KARYA ILMIAH : JURNAL ILMIAH

Judul Jurnal Ilmiah (Artikel) : The Planning And Design Of Kampong Pakuncen In Yogyakarta Based On The Green Concept

Jumlah Penulis : 5 orang (Erni SETYOWATI, Septana Bagus PRIBADI, Subrata Aditama K. AIDON UDA, Tiara Rizkyvea DEBBY, **Bangun IR Harsritanto**)

Status Pengusul : penulis ke-5

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- b. Nomor ISSN : ISSN: 2029-7955 (p), 2029-7947 (e)
- c. Vol, No., Bln Thn : Vol. 43 No. 1, Page : 21-35, 2019
- d. Penerbit : Vilnius Gediminas Technical University
- e. DOI artikel (jika ada) : <https://doi.org/10.3846/jau.2019.6123>
- f. Alamat web jurnal : <https://journals.vilniustech.lt/index.php/JAU/article/view/6123>
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c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	11,50	11,4	11,45
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	11,50	11,2	11,35
Total = (100%)	38	37	37,5
Nilai Pengusul = (40%)/4	3,8	3,7	3,75

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 NIP. 196509131998032001
 Unit : Arsitektur FT UNDIP

Reviewer 1

Prof. Dr. Ir. Edi Purwanto, M.T.
 NIP. 196312311990031022
 Unit : Arsitektur FT UNDIP

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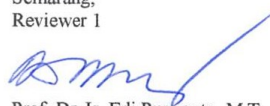
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- Kecukupan dan kemutakhiran data/informasi dan metodologi:**
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 - Metode penelitian → sudah cukup lengkap menjelaskan desain penelitian.
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 Reviewer 1


 Prof. Dr. Ir. Edi Purwanto, M.T.
 NIP. 196312311990031022
 Unit : Arsitektur FT UNDIP

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Total = (100%)	40,00			37,0
Nilai Pengusul = (40% x 37,0)/4 = 3,7				

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3. Kecukupan dan kemutakhiran data/informasi dan metodologi:

Data-data penelitian menunjukkan keterbaharuan informasi. Dari 43 referensi yang di gunakan terdapat 39 referensi *up-to-date* dan 4 referensi sudah kadaluwarsa lebih dari 10 tahun. Terdapat 26 referensi berupa jurnal dan 17 lainnya berupa non jurnal (Buku, lap penelitian, peraturan, standard, dll). Metodologi dijelaskan dengan baik. (Skor = 11,4)

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Hasil scan turnitin menunjukkan similarities 9 %, hal ini berarti tidak ada indikasi plagiarism. Jurnal ini tergolong jurnal internasional bereputasi terindeks di data base Scopus Q2 (Editorial board lebih dari dari 4 negara. Kontributor lebih dari 2 negara, ISSN 2029-7955 (p), 2029-7947 (e), Penerbit VGTU, memiliki kualitas reputasi yang baik. (Skor = 11,0)

Semarang,

Reviewer 2

Agus Suprpti

Prof. Dr. Ir. Agus Suprpti, MTA.

NIP. 196509131998032001

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[Setyowati, Erni^a](#) ; [Pribadi, Septana Bagus^a](#); [Aidon Uda, Subrata Aditama K.^b](#); [Debby, Tiara Rizkyvea^c](#); [Harsritanto, Bangun I. R.^a](#) [Save all to author list](#)^a Architecture Department, Engineering Faculty, Diponegoro University, Semarang, Indonesia^b Civil Engineering Department, Engineering Faculty, Palangka Raya University, Palangka Raya, Indonesia^c Urban and Regional Planning Department, Engineering Faculty, Diponegoro University, Semarang, Indonesia8 80th percentile
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Spatial planning and traditional culture based urban acupuncture concept on upgrading low carbon tourism village

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Budi Sardjono, A.
(2019) *International Journal of Engineering and Advanced Technology*

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THE PLANNING AND DESIGN OF KAMPONG PAKUNCEN IN YOGYAKARTA BASED ON THE GREEN CONCEPT

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Abstract. This study aims to determine the green concept of a slum “kampong” with the green concept and carbon footprint approach based on daily activities, building materials and fuel consumption as well as to deliver the concept of renewable energy. The carbon footprint is the measure of total amount of carbon dioxide gas emissions directly or indirectly caused by daily main activities and accumulation of products used daily. It is the case study of Kampong *Gampingan-Pakuncen*, Yogyakarta. This kampong is known as a densely populated kampong located in the city centre not far from *Malioboro*, the centre of commercial and business districts in Yogyakarta City. The employed methods were the quantitative-comparative method between carbon footprint of existing and planning condition and the quantitative approach of renewable energy. The results showed that the carbon dioxide concentration of Kampong *Pakuncen* in the existing condition is 1,712.767 tonnes CO₂/month while the total amount of carbon dioxide concentration of the design is 1,293.785 tonnes CO₂/month, hence 24.462% carbon dioxide concentration reduction. To save energy consumption in daily activities, it is proposed that water wheel as micro-hydro power should be used for electricity.

Keywords: carbon dioxide concentration, slum, city kampong, sustainable, renewable energy, comparative method.

Analyzing social cohesion in open spaces of multiethnic poor neighborhoods: a grounded theory study (https://journals.vilniustech.lt/index.php/JAU/article/view/6849/7752)

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ANALYZING SOCIAL COHESION IN OPEN SPACES OF MULTIETHNIC POOR NEIGHBORHOODS: A GROUNDED THEORY STUDY

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Abstract. During the past two decades, economic crises and climate change have triggered mass migrations from rural areas to big cities and metropolises. Considering that the destination cities often lack the required capacity to systematically accommodate these newcomers, immigrants settle in unofficially on city margins. Since these immigrants have different ethnicities, the informal settlements constructed by them turn into multiethnic informal Settlements in which development of proper social ties becomes impeded. As a result, social cohesion is weakened and eventually ceases to exist among the residents in open community spaces. In this regard, the present study aims to analyze this process and the effects of multiethnicity on social cohesion in the open community spaces of poor urban areas and the role of environmental factors in this mechanism. The Hesar Imam Khomeini neighborhood, which is located in Hamadan Province and has a rural core, has given shelter to Lurish, Kurdish, Turkish and Persian-speaking immigrants during recent years, which makes it a suitable sample for study. Because of the existing limitations and in order to achieve the goal of the study, the grounded theory was used to conduct the research. In-depth interview was carried out on sixteen residents of the neighborhood, four individuals from each ethnicity. After coding the interviews using the theory, a grounded model of the study was formed. The results indicate that multiethnicity has negatively affected behavior settings, vibrancy and consequently social cohesion.



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FROM SPIRITUALISTIC TOWARD MORE PRAGMATIC PATTERN: RE-ORDERING BALINESE HOUSES AND VIABILITY OF THE HOUSEHOLD TRADITIONS IN TOURISM ECONOMY

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Abstract. The traditional Balinese house, manifested and translated in an agricultural context, has roles to accommodate domestic and socio-cultural activities. Once the house accommodates tourist activities as an additional function, many parts of the house are transformed. The transformation presents a conflict between economic gain and the preservation of Balinese traditions in the house. In order to illustrate this paradoxical phenomenon, this paper first shows how the traditional house has been reconfigured as a response to address the specific challenges of the tourist economy. Then, using architectural examination and interviews, the paper shows that the infiltration of the tourist activities has blurred the house's configuration so that the transformed house is no longer able to express its original characteristics, hierarchy values and symbolic meaning.

Keywords: tourism, transformation, the traditional Balinese house, household traditions, identity, pattern.