

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

Judul karya ilmiah (paper) : Mapping Urban Population Behavior in Using Private Transportation at City Center of Semarang

Jumlah Penulis : 4 orang

Status Pengusul : SL Hanida, AW Sejati, AR Rakhmatulloh, **I Rudiarto**

Identitas prosiding :

- a. Judul Prosiding : IOP Conference Series:Earth and Environmental Science
- b. ISBN/ISSN : 1755-1315
- c. Tahun Terbit/tempat pelaksanaan : 2019
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- e. Alamat repository PT/web : <http://iopscience.iop.org/article/10.1088/1755-1315/313/1/012036>
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Semarang, 20-02-2020

Reviewer 1,



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

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b. Ruang lingkup dan kedalaman pembahasan (30%)	9		7,0
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9		7,0
d. Kelengkapan unsur dan kualitas terbitan/prosiding (30%)	9		9,0
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- d. Prosiding diterbitkan IOP Conference Series. Terindeks Scopus. SJR = 0,17 (2018)

Semarang, 03-03-2020

Reviewer 2,



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

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Total = (100%)	24,0	26,0	25,0

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 Yulastuti, MSP
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Semarang, 09-03-2020

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Reviewer 2,



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IOP Conference Series: Earth and Environmental Science
Volume 313, Issue 1, 28 August 2019, Article number 012036
3rd Geoplanning-International Conference on Geomatics and Planning; Gumaya Tower Hotel-Semarang; Semarang, Indonesia; 29 August 2018 through 30 August 2018; Code 152076

Mapping Urban Population Behavior in Using Private Transportation at City Center of Semarang (Conference Paper) (Open Access)

Hanida, S.L., [Sejati, A.W.](#), [Rakhmatulloh, A.R.](#), [Rudiarto, I.](#) [🔗](#)

Urban and Regional Planning Department, Universitas Diponegoro, Indonesia

Abstract [View references \(13\)](#)

This paper aims to describe the identification of urban society behavior based on gender in using private transportation modes in the City Center of Semarang. The city center is the center of economic growth so that it has a high level of mobility and accessibility, especially in the use of private vehicles. This study uses GIS for Mapping and a quantitative approach to find out the most influential factors. The instrument uses a questionnaire and uses quantitative descriptive analysis techniques. The sample distributed was 100 respondents with an analysis unit, namely land use in the City Center such as trade and service areas, office centers, and government centers. The results of this study indicate that out of 100 research respondents, 66% were female gender. In addition, of the 11 variables used, only 5 variables have relevance; there area age, income, mode of transportation, ownership of the driving license, and commuter costs. From these variables found, one variable that most influences, which is the respondent's age, so it can be concluded that the dominant gender using private vehicles is women with productive age. © Published under licence by IOP Publishing Ltd.

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PREFACE: Proceedings of the 3rd Geoplanning International Conference

To cite this article: 2019 *IOP Conf. Ser.: Earth Environ. Sci.* **313** 011001

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PREFACE: Proceedings of the 3rd Geoplanning International Conference

3rd Geoplanning Conference is an international conference covering research and development in the field of applied geomatics' technologies for spatial planning, including GIS, Remote Sensing, and Satellite Image Processing. Bringing "Geomatics' and Spatial Planning in Big Data Era" as title, the 3rd International Geoplanning Conference took place in Semarang, Central Java-Indonesia, on 29-30 August, 2018. This Conference held by Diponegoro University in cooperation with Center of Geomatic's Application for Sustainable Development (Cegas).

More than 200 abstract were submitted and after an initial review 87 papers were presented. Through peer review process, more than 40 papers were accepted for publication in the IOP Earth and Environmental Sciences.

This Annual Event is addressed jointly to academics and practitioners and provides a forum for a number of perspectives, based on either theoretical analyses or empirical case studies that fosters the dialogue and the exchange of ideas.

The Conference offered a number of sessions under its patronage, providing a concise overview of the most current issues and hands-on experience in Geomatics' and Spatial Planning - related fields:

Theme 1: Spatial Modelling

Theme 2: GIS Mapping

Theme 3: Urban and Regional Planning

Theme 4: Remote Sensing and Image Processing

We would like to thank all the reviewers for their time and effort in reviewing the documents. The published papers have passed the process of improvement accommodating the discussion during the conference as well as the reviewers' comments who have guided any necessary improvement. Besides, we would like to thank all members that participated in any way in the 3rd Geoplanning Conference and especially the sponsors:

- ⇨ Diponegoro University
- ⇨ MAPIN (Indonesian Society for Remote Sensing)
- ⇨ Technische Universiteit Munchen
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- ⇨ Esa Unggul University
- ⇨ Enagic Kangen Water

Hopefully this proceeding could bring new perspectives in Applied Geomatic's and Urban Regional Planning.

3rd Geoplanning Committee



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Gumaya Tower Hotel-Semarang, Indonesia**

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