

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

Judul karya ilmiah (paper) : Bus Trans Semarang toward Sustainable Transportation in Semarang City

Jumlah Penulis : 3 penulis

Status Pengusul : Anita Ratnasari Rakhmatulloh , **Diah Intan K.D**, DMK Nugraheni

Identitas prosiding : a. Judul Prosiding : The 1st International Conference on Urban Design and Planning
b. ISBN/ISSN : 1755-1307, EISSN (1755-1315)
c. Tahun Terbit/tempat pelaksanaan : 2020 / Semarang
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(beri ✓ pada kategori yang tepat) *Prosiding* Forum Ilmiah Nasional

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Maksimal <i>Prosiding</i>		Nilai Akhir Yang Diperoleh
	Internasional 30	Nasional <input type="text"/>	
a. Kelengkapan unsur isi paper (10%)	3		3
b. Ruang lingkup dan kedalaman pembahasan (30%)	9		7
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9		7
d. Kelengkapan unsur dan kualitas terbitan/prosiding (30%)	9		8
Total = (100%)	30		25
Nilai Pengusul :			

Catatan Penilaian paper oleh Reviewer :

- Kesesuaian dan kelengkapan unsur isi artikel:
Artikel lengkap dan sesuai dengan template, tema yang dibahas sesuai dengan tema konferensi dan publikasi
- Ruang lingkup dan kedalaman pembahasan:
Ruang lingkup artikel relevan dengan pembahasan konferensi, metode yang digunakan dalam penelitian tidak dijelaskan dalam abstrak, kedalaman artikel cukup. Namun akan lebih baik jika keterkaitan antara sustainable transport dan keberadaan BRT ditegaskan lagi di diskusi dan kesimpulan, karena kurang terlihat jelas
- Kecukupan dan kemutakhiran data/informasi dan metodologi:
Data referensi banyak, akan lebih memberikan hasil maksimal dengan menambahkan hasil penelitian dari berbagai kota di negara lain yang memiliki karakteristik kota yang hampir sama. Metode penelitian bisa lebih diteliti tentang jumlah sampel, kapan dilakukan survei serta bagaimana menganalisis, termasuk variabel yang dipilih.
- Kelengkapan unsur dan kualitas terbitan:
Artikel telah terindex scopus. Namun terdapat kekurangan kecil seperti penulisan asal instansi yang semestinya bisa disempurnakan sebelumnya. Dengan similarity index Turnitin 4%, dapat digunakan sebagai prasyarat untuk pengusulan ke Lektor Kepala

Semarang, 1 April 2020

Reviewer 1,



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(beri ✓ pada kategori yang tepat) Prosiding Forum Ilmiah Nasional

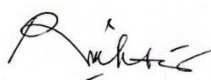
Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Maksimal <i>Prosiding</i>		Nilai Akhir Yang Diperoleh
	Internasional 30	Nasional □	
a. Kelengkapan unsur isi paper (10%)	3		2,5
b. Ruang lingkup dan kedalaman pembahasan (30%)	9		7,5
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9		7,5
d. Kelengkapan unsur dan kualitas terbitan/prosiding(30%)	9		8,5
Total = (100%)	30		
Nilai Pengusul :			26,0

Catatan Penilaian paper oleh Reviewer :

- Kesesuaian dan kelengkapan unsur isi artikel: artikel lengkap dan sesuai dengan template, tema yang dibahas sesuai dengan tema konferensi. Pada bagian abstract analisis dan hasil kurang jelas, tidak ada outcome/manfaat penelitian tsb.
- Ruang lingkup dan kedalaman pembahasan: ruang lingkup dan kedalaman pembahasan jelas, metode kurang deskripsi operasionalnya, pembahasan toward Sustainable Transportasion tidak jelas. Kesimpulan tidak membahas secara jelas hasil penelitiannya sesuai judul.
- Kecukupan dan kemutakhiran data/informasi dan metodologi: data referensi cukup dan terbaru. Metodologi deskripsinya kurang operasional, masih teori yang dibahas.
- Kelengkapan unsur dan kualitas terbitan: kelengkapan dan kualitas prosiding baik. Similarity index Turnitin 4%, dapat digunakan sebagai prasyarat untuk pengusulan ke Lektor Kepala

Semarang, 04 April 2020
Reviewer 2,



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IOP Conference Series: Earth and Environmental Science
 Volume 409, Issue 1, 3 January 2020, Article number 012021
 1st International Conference on Urban Design and Planning, ICDUP 2019; Semarang; Indonesia; 10 September 2019 through ; Code 156934

Bus Trans Semarang toward Sustainable Transportation in Semarang City (Conference Paper) (Open Access)

Rakhatulloh, A.R.^a, Kusumo Dewi, D.I.^a, Nugraheni, D.M.K.^b

^aDepartment of Urban and Regional Planning, Faculty of Engineering, Diponegoro University, Semarang, Indonesia
^bDepartment of Computer Science, Faculty of Science and Mathematics, Diponegoro University, Semarang, Indonesia

Abstract

Semarang is a metropolitan city with population of 1.6 million. Due to heavy use of private vehicle, Semarang also experiences traffic congestion problems like other metropolitan cities. To deal with this problem, Government of Semarang provides public transportation, one of which is Bus Trans Semarang. Passengers of Bus Trans Semarang increase every year. In 2017, on average there was 287,738 passengers per month, the number increases to 301,678 passengers per month in 2018. Bus Trans Semarang route was also developed into seven corridors. The service has reached almost entire city of Semarang. Purpose of this research is to find out effectiveness of Bus Trans Semarang as a sustainable public transportation service which supports mobility of the people and a solution to solve congestion problems in the next few years. Results of this study suggest that Bus Trans Semarang reduces congestion problems. © Published under licence by IOP Publishing Ltd.

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2020

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Accepted papers received: 03 December 2019
Published online: 03 January 2020

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Komponen Yang Dinilai	Nilai Review		
	Review I	Review II	Nilai Rata-Rata
a. Kelengkapan unsur isi artikel (10%)	3	2,5	2,75
b. Ruang lingkup dan kedalaman pembahasan (30%)	7	7,5	7,25
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	7	7,5	7,25
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	8	8,5	8,25
Total = (100%)	25	26,0	25,5

Reviewer I,



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Semarang, 04 April 2020
Reviewer II,



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