

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

Judul karya ilmiah (paper) : *Clustering Analysis of Traffic Accident in Semarang City*
 Jumlah Penulis : 2 orang
 Status Pengusul : Penulis ke-2
 Identitas Makalah : a. Judul Prosiding : International Conference On Energy, Environment And Information System (ICENIS)2018
 b. ISBN/ISSN : 2267-1242
 c. Tahun Terbit, Tempat Pelaksanaan : August 14th – 15th, 2018, Semarang
 d. Penerbit/organiser : EDP Sciences, 2018
 e. Alamat repository PT/web prosiding :

PROSIDING:

<https://www.e3s-conferences.org/articles/e3sconf/abs/2018/48/contents/contents.html>

ARTIKEL:

https://www.e3sconferences.org/articles/e3sconf/abs/2018/48/e3sconf_icenis18_12001/e3sconf_icenis18_12001.html

f. Terindeks di (jika ada) : SCOPUS

Kategori Publikasi Makalah : \surd Prosiding Forum Ilmiah Internasional
 (beri \surd pada kategori yang tepat) Prosiding Forum Ilmiah Nasional

Hasil Penilaian Peer Review :

Komponen Yang Dinilai	Nilai Maksimal Prosiding		Nilai Akhir Yang Diperoleh
	Internasional <input type="checkbox"/>	Nasional <input type="checkbox"/>	
a. Kelengkapan unsur isi prosiding (10%)	3		3
b. Ruang lingkup dan kedalaman pembahasan (30%)	9		8.1
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9		8.1
d. Kelengkapan unsur dan kualitas terbitan/prosiding(30%)	9		9
Total = (100%)	30		28.2
Nilai Pengusul = (40%)*28.2 = 11.28			

Catatan Penilaian Paper oleh Reviewer :

- Kesesuaian dan kelengkapan unsur isi paper: Perlu check grammar dan kejelasan maksud penelitian
- Ruang lingkup dan kedalaman pembahasan: kesimpulan bisa lebih spesifik bagaimana cara mengurangi accidents
- Kecukupan dan kemutakhiran data/informasi dan metodologi: data bias lebih dimunculkan
- Kelengkapan unsur dan kualitas terbitan: unsur cukup lengkap meskipun dengan jumlah halaman yang dibatasi.

Semarang, 1 Maret 2019
Reviewer 1

Prof. Dr. H. Sugeng Wahyudi, MM
 NIP. 195109021981031002
 Unit kerja : Fakultas Ekonomika Dan Bisnis,
 Universitas Diponegoro
 Kelompok Keahlian: Manajemen

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

Judul karya ilmiah (paper) : *Clustering Analysis of Traffic Accident in Semarang City*
 Jumlah Penulis : 2 orang
 Status Pengusul : Penulis ke-2
 Identitas Makalah : a. Judul Prosiding : International Conference On Energy, Environment And Information System (ICENIS)2018
 b. ISBN/ISSN : 2267-1242
 c. Tahun Terbit, Tempat Pelaksanaan : August 14th – 15th, 2018, Semarang
 d. Penerbit/organiser : EDP Sciences, 2018
 e. Alamat repository PT/web prosiding :

PROSIDING:
<https://www.e3s-conferences.org/articles/e3sconf/abs/2018/48/contents/contents.html>

ARTIKEL:
https://www.e3sconferences.org/articles/e3sconf/abs/2018/48/e3sconf_icenis18_12001/e3sconf_icenis18_12001.html

f. Terindeks di (jika ada) : SCOPUS

Kategori Publikasi Makalah : *Prosiding* Forum Ilmiah Internasional
 (beri ✓ pada kategori yang tepat) *Prosiding* Forum Ilmiah Nasional

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Maksimal Prosiding		Nilai Akhir Yang Diperoleh
	Internasional <input type="checkbox"/>	Nasional <input type="checkbox"/>	
a. Kelengkapan unsur isi prosiding (10%)	3		2
b. Ruang lingkup dan kedalaman pembahasan (30%)	9		8
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9		8
d. Kelengkapan unsur dan kualitas terbitan/prosiding(30%)	9		8
Total = (100%)	30		26
Nilai Pengusul = (40%)* = 9.6			

Catatan Penilaian Paper oleh Reviewer :

- Kesesuaian dan kelengkapan unsur isi paper: artikel cukup sesuai dan lengkap antara unsur dan isinya
- Ruang lingkup dan kedalaman pembahasan: pembahasan dalam artikel ini sudah cukup memadai
- Kecukupan dan kemutakhiran data/informasi dan metodologi: metodologi cukup baik dan mutakhir
- Kelengkapan unsur dan kualitas terbitan: kualitas terbitan baik karena sudah terindeks Scopus
- Indikasi plagiasi: tidak ada indikasi plagiat

Semarang, 19 Maret 2019
 Reviewer 2

Prof. Dr. Imam Ghozali, M.Com, Ph.D
 NIP. 195808161986031002
 Unit kerja : Fakultas Ekonomika Dan Bisnis,
 Universitas Diponegoro
 Kelompok Keahlian: Ilmu Ekonomi

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

Judul karya ilmiah (paper) : *Clustering Analysis of Traffic Accident in Semarang City*
 Jumlah Penulis : Wiwik Budiawan, Bambang Purwanggono
 Status Pengusul : Penulis ke-2
 Identitas Makalah : a. Judul Prosiding : International Conference On Energy, Environment And Information System (ICENIS)2018
 b. ISBN/ISSN : 2267-1242
 c. Tahun Terbit, Tempat Pelaksanaan : August 14th – 15th, 2018, Semarang
 d. Penerbit/organiser : EDP Sciences, 2018
 e. Alamat repository PT/web prosiding :

PROSIDING:

<https://www.e3s-conferences.org/articles/e3sconf/abs/2018/48/contents/contents.html>

ARTIKEL:

https://www.e3sconferences.org/articles/e3sconf/abs/2018/48/e3sconf_icenis18_12001/e3sconf_icenis18_12001.html

f. Terindeks di (jika ada) : SCOPUS
 g. Turnitin Similarity : 12 %

Kategori Publikasi Makalah : *Prosiding Forum Ilmiah Internasional*
 (beri ✓ pada kategori yang tepat) *Prosiding Forum Ilmiah Nasional*

Hasil Penilaian Peer Review :

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah		Nilai Yang Diperoleh
	Reviewer 1	Reviewer 2	
a. Kelengkapan unsur isi prosiding (10%)	3	2	2.5
b. Ruang lingkup dan kedalaman pembahasan (30%)	8.1	8	8.05
c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	8.1	8	8.05
d. Kelengkapan unsur dan kualitas penerbit (30%)	9	8	8.5
Total = (100%)	28.2	26	27.1
Nilai Pengusul = 40%	11.28	10.4	10.84

Semarang,
Reviewer 1



Prof. Dr. H. Sugeng Wahyudi, MM
 NIP. 195109021981031002
 Unit kerja : Fakultas Ekonomika Dan Bisnis,
 Universitas Diponegoro
 Kelompok Keahlian: Manajemen

Reviewer 2



Prof. Dr. Imam Ghozali, M.Com, Ph.D
 NIP. 195808161986031002
 Unit kerja : Fakultas Ekonomika Dan Bisnis,
 Universitas Diponegoro
 Kelompok Keahlian: Ilmu Ekonomi

SERTIFIKAT



MINISTRY OF RESEARCH, TECHNOLOGY AND HIGHER EDUCATION
DIPONEGORO UNIVERSITY
SCHOOL OF POSTGRADUATE STUDIES



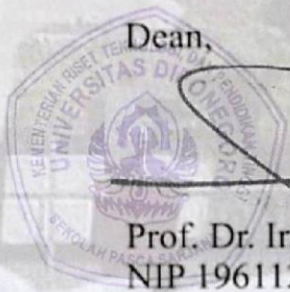
CERTIFICATE

Number : 4197/UN7.5.12/TU/2018

This is to certify that
Bambang Purwanggono

Has participated as
Presenter

in "The 3rd International Conference on Energy, Environment and Information System (ICENIS) 2018"
Held by School of Postgraduate Studies, Diponegoro University
Semarang, August 14th - 15th, 2018



Dean,

Prof. Dr. Ir. Purwanto, DEA
NIP 196112281986031004



Chair of Organizing Committee,

Dr.Eng. Maryono, S.T., M.T.
NIP 197508112000121001

COVER DAN DAFTAR ISI



3rd INTERNATIONAL CONFERENCE ON ENERGY, ENVIRONMENT AND INFORMATION SYSTEM 2018 (ICENIS 2018)

Tuesday - Wednesday, August 14th - 15th, 2018

Theme:

“Strengthening Planning and Implementation on Energy, Environmental and Information System Toward Low Carbon Society”

Keynote Speakers



Prof. Dr. Takayuki Shimaoka
Kyushu University, Japan



Prof. Dr. Nasrudin
University of Malaya, Malaysia



Prof. Ho Ching Siong
Universiti Teknologi Malaysia, Malaysia



Dr. Junichi Fujino
IGES - Japan



Dr. Kanawut Inkaew
Rajamangala University of Technology Phra Nakhon, Thailand



Dr.-Ing. Sudarno
School of Postgraduate Studies Diponegoro University, Indonesia

A Call for Participant

After Successful in the previous event with 200 selected paper, we invite for 3rd ICENIS 2018 on August 14th - 15th, 2018 at Santika Premier Hotel Semarang, with the theme “Strengthening Planning and Implementation on Energy, Environmental and Information System Toward Low Carbon Society”

Topics of Conference

1. Energy
 - Energy Management and Policy
 - Energy Planning and Education
 - Energy Conservation and Efficiency
 - Energy Conversion Technology
 - Renewable Energy
 - Nonrenewable Energy / Fossil Energy
2. Environments
 - Environmental Conservation
 - Environmental Policy, Planning and Education
 - Environmental Technology
 - Environmental Health and Toxicology
 - Environmental Epidemiology
 - Pollution Control
 - Waste Management
 - Green Infrastructure and Resilience
3. Information System
 - Business Intelligence
 - Supply Chain Information Systems
 - Industrial Information Systems
 - Decision Support Systems
 - Smart Information Systems
 - Health, Safety and Environment Information Systems
4. Societal Change, Culture and Low Carbon Development
 - Infrastructure Development and Low Carbon Society
 - Economic Perspective in Low Carbon Society
 - Government and International Relation
 - Public Policy
 - Labour and Formal- Informal Worker
 - Health and Gender
 - Media
 - Culture and Development

Publication

All accepted papers will published in **Scopus - Indexed** E3S Web of Conferences Series.

Important Dates

Abstract Submission : before July 05th, 2018
Full Paper Submission : before July 15th, 2018
Early Registration Payment : before July 10th, 2018

Registration Fee

Before July 10 th , 2018	
Indonesian Presenter	IDR 2.500.000,00/paper
International Presenter	USD 250/paper
Student Presenter	IDR 2.000.000,00/paper
Indonesian Participant	IDR 1.000.000,00
International Participant	USD 150
After July 10 th , 2018	
Indonesian Presenter	IDR 2.750.000,00/paper
International Presenter	USD 300/paper
Student Presenter	IDR 2.500.000,00/paper
Indonesian Participant	IDR 1.250.000,00
International Participant	USD 200

Venue / Place

Santika Premiere Hotel – Semarang
Pandaranan Street, Number 116-120, Semarang,
Central Java - Indonesia
Phone / Fax: +62 24 8413115 / +62 24 8413113

More Information

Conference Website:

www.icenis.org

e-mail:

icenis2018@live.undip.ac.id

Secretariat:

School of Postgraduate Studies Diponegoro University
Phone & Fax. : +62248449608

Contact Person:

Dr. Budi Warsito, S.Si., M.Si. : 0812 2691 363
Fauziyah Mastuti : +62248449608
Rahayu : 0878 3091 7461
Eko Pujiyanto : 0813 9085 6514

SCHOOL OF POSTGRADUATE STUDIES DIPONEGORO UNIVERSITY
Jl Imam Bardjo No 3-5, Campus UNDIP Pleburan, Semarang 50241
www.pasca.undip.ac.id

Organizing Committee :
UNDIP DIPONEGORO UNIVERSITY
The excellent research university
SPPS SCHOOL OF POSTGRADUATE STUDIES

Preface

This is the proceeding of the 3 International Conference on Energy, Environmental and Information System 2018. The theme of ICENIS 2018 is “Strengthening Planning and Implementation Energy, Environment, and Information System Toward Low Carbon Society. ICENIS 2018 discussing the sustainability of the natural system, i.e energy management and policy, energy conservation, environmental education and planning, environmental conservation, environmental technology, environmental health, pollution control, waste management, green infrastructure and resilience, system information of supply chain and decision support system. Moreover the ICENIS 2018 introducing discussion of social aspect in low carbon society such as economic perspective, government, public policy and international relation, formal informal worker, gender, media and culture development

ICENIS 2018 organized by school of Postgraduate Studies, Diponegoro University has been conducted 14-15th August 2018 The conference has successfully performing forum to transferring and discussing research result among the researcher, students, government, private sector or industries. More than 390 participants and presenters from several countries such as Indonesia, Malaysia, Germany, Sudan, Australia, Japan, Libya have attended the conference to share their significant contribution in research related to energy, environment

and information system. This proceeding contains 334 selected paper from the conference. We would like to express our gratitude to all authors and members of scientific committee, reviewers and also organizing committee for their contribution to the success of the conference.

Guest
Editors

Prof. Hadiyanto

Dr. Eng. Maryono

Dr. Budi Warsito

E3S Web of Conferences

Volume 73 (2018)

The 3rd International Conference on Energy, Environmental and Information System (ICENIS 2018)

Semarang, Indonesia, August 14-15, 2018
Hadiyanto, Maryono and Budi Warsito (Eds.)



Open Access

[Gender Wage Gap and Education: Case in Indonesia's Labor Market](#) 11019

Rr. Retno Sugiharti and Akhmad Syakir Kurnia

Published online: 21 December 2018

DOI: <https://doi.org/10.1051/e3sconf/20187311019>

[PDF \(1.244 MB\)](#) | [References](#) | [NASA ADS Abstract Service](#)

- *Health, Safety and Environment Information Systems*



Open Access

[Clustering Analysis of Traffic Accident in Semarang City](#) 12001

Wiwik Budiawan and Bambang Purwanggono

Published online: 21 December 2018

DOI: <https://doi.org/10.1051/e3sconf/20187312001>

[PDF \(1.956 MB\)](#) | [References](#) | [NASA ADS Abstract Service](#)



Open Access

[Modelling Infant and Maternal Mortality Rate based on slum household uses Bivariate Spline Regression Method](#) 12002

Alan Prahutama, Budi Warsito and MochAbdul Mukid

Published online: 21 December 2018

DOI: <https://doi.org/10.1051/e3sconf/20187312002>

[PDF \(757.7 KB\)](#) | [References](#) | [NASA ADS Abstract Service](#)