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

Judul Karya Ilmiah	:	*Undergraduate Students' Pro-Environmental Behavior in Daily Practice*		
Jumlah Penulis	:	2 orang		
Status Pengusul	:	Penulis ke-2		
Identitas Prosiding	:	a. Judul Prosiding	:	*The 2nd International Conference on Energy, Environmental and Information System (ICENIS 2017). E3S Web of Conferences, Vol 31*
		b. Nomor ISSN	:	2267-1242 (online)
		c. Thn Terbit, Tempat Pelaks.	:	2018,Semarang, Indonesia
		d. Penerbit/Organiser	:	*EDP Sciences*
		e. Alamat Repository/Web	:	https://www.e3s-conferences.org/articles/e3sconf/abs/2018/06/e3sconf_icenis2018_09025/e3sconf_icenis2018_09025.html
		Alamat Artikel	:	https://www.e3s-conferences.org/articles/e3sconf/pdf/2018/06/e3sconf_icenis2018_09025.pdf
		f. Terindeks di (jika ada)	:	Scopus

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Komponen Yang Dinilai	Nilai Maksimal Prosiding		Nilai Akhir Yang Diperoleh
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a. Kelengkapan unsur isi prosiding (10%)	3		3
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c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	9		8
d. Kelengkapan unsur dan kualitas penerbit (30%)	9		8
Total = (100%)	**30**		27
Nilai Pengusul = 40% x ~~27~~ =			10,8

Catatan Penilaian artikel oleh Reviewer :

1. Kesesuaian dan kelengkapan unsur isi prosiding:

Artikel ini ditulis dengan mengikuti sistematika penulisan artikel prosiding. Abstract cukup jelas dan menggambarkan bagaimana penelitian dilakukan. Introduction isinya sudah mereview literature mengenai pro environmental behavior, lebih jelasnya gambaran pro environmental behavior pada mahasiswa. Method telah menjabarkan desain penelitian, partisipan, maupun metode pengumpulan data. Result dan discussion menggambarkan pro environmental behavior. Conclusion menyajikan kesimpulan penelitian.

2. Ruang lingkup dan kedalaman pembahasan:

Artikel ini membahas pentingnya pro environmental behavior pada remaja. Ulasan artikel sudah mencakup deskripsi mengenai pro environmental behavior, teori yang digadikan perspektif untuk menyoroti fenomena ini dan gambaran fenomena ini pada remaja. Meskipun demikian, kebaruan penelitian belum disajikan secara jelas dan implikasinya secara teoritis dan praktis belum dipaparkan.

3. Kecukupan dan kemutakhiran data/informasi dan metodologi:

Artikel ini menyajikan review terhadap literatur secara deskriptif tanpa melibatkan partisipan. Tema pro-environmental behavior cukup menarik, meskipun belum tersampaikan secara komprehensif ketika fenomena ini dilihat pada remaja. Originalitas artikel tergolong cukup baik dengan turnitin similarity = 7%

4. Kelengkapan unsur dan kualitas penerbit:

Artikel ini dimuat dalam prosiding internasional terindeks Scopus yang diterbitkan oleh EDP Sciences dengan kualitas sedang.

Depok, 3 Februari 2020
Reviewer

Prof. Dr. Hamdi Muluk, M.Si.
NIP. 196603311999031001
Unit kerja : Fakultas Psikologi
Universitas Indonesia
Bidang Ilmu: Psikologi

LEMBAR
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		f. Terindeks di (jika ada)	:	Scopus

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Total = (100%)	**30**		**27**
Nilai Pengusul = 40% x 27 = 10,8			

Catatan Penilaian artikel oleh Reviewer :

1. Kesesuaian dan kelengkapan unsur isi prosiding:

Sistematika penulisan artikel ini ditulis dengan mengikuti alur penulisan artikel dalam prosiding yang terdiri dari unsur-unsur yang lengkap, mencakup Title, Abstract, Introduction, Results, Discussion, Conclusion dan References. Title tergolong singkat namun belum menunjukkan desain penelitian. Abstract tergolong cukup jelas dan dapat memberikan gambaran secara keseluruhan mengenai penelitian. Dalam Introduction, penulis menguraikan review terhadap literature mengenai pro-environmental behavior. Pada bagian Method, penulis telah menjabarkan desain penelitian, partisipan, dan metode pengumpulan data. Dalam Results dan Discussion yang tersaji menjadi satu, penulis berupaya menggambarkan fenomena pro-environmental behavior pada mahasiswa. Conclusion menunjukkan kesimpulan dari hasil penelitian. Penulisan references juga sudah sesuai kaidah penulisan ilmiah..

2. Ruang lingkup dan kedalaman pembahasan:

Artikel ini membahas tentang gambaran deskriptif mengenai pro-environmental behavior pada mahasiswa. Alasan pemilihan mahasiswa sudah sesuai karena masih sedikitnya penelitian yang melibatkan mahasiswa sebelumnya. Hasil analisis tergolong dalam mencakup aspek pada perilaku pro environmental yang meunjukan perbedaan perilaku di dalam ataupun diluar lingkungan kampus. Namun, implikasi secara teoritis dan praktis pun belum dipaparkan secara komprehensif.

3. Kecukupan dan kemutakhiran data/informasi dan metodologi:

Penelitian ini melibatkan 364 mahasiswa tahun pertama, jumlah sampel ini relatif banyak. Orisinalitas artikel ini tergolong baik dengan hasil cek plagiasi 7 %. Kemutakhiran artikel ini juga ditunjukkan dengan mayoritas referensi merupakan terbitan 10 tahun terakhir.

4. Kelengkapan unsur dan kualitas penerbit:

Artikel ini dipublikasikan dalam prosiding internasional yang terindeks Scopus, yang diterbitkan oleh EDP Sciences dengan kualitas penerbit yang memadai. Kelengkapan unsur-unsur prosiding tergolong lengkap, dari informasi kepanitiaan seminar, daftar isi, dan artikel-artikel.

Surabaya, 11 Maret 2020
Reviewer

Prof. Dr. Drs. Cholichul Hadi, M.Si., Psikolog
NIP. 196403231989031002
Unit kerja: Fakultas Psikologi Universitas Airlangga
Bidang Ilmu: Psikologi

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2nd International Conference on Energy, Environmental and Information System, ICENIS 2017;
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Undergraduate Students ' Pro-Environmental Behavior in Daily Practice

(Conference Paper) (Open Access)

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[b]Faculty of Psychology, Diponegoro University, Semarang, Indonesia

Abstract

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Pro-environmental behavior is an individual action as a manifestation of one's responsibility to create a sustainable environment. University students as one of the agent of change can adopt pro-environmental behaviors concept, even through simple things to do on daily activities such as ride a bicycle or walk for short distance, reuse the shopping bags, separate waste, learn about environmental issues etc. Many studies have examined pro-environmental behavior from various approaches. However, the study about university students ' pro-environmental behavior is lacking. The aim of this paper is to examine the undergraduate students ' pro-environmental behaviors level. We surveyed 364 first year undergraduate students from a state university in Semarang. The survey included six aspects of pro-environmental behavior in daily practice which include energy conservation, mobility and transportation, waste avoidance, recycling, consumerism, and vicarious behaviors toward conservation. Findings of this study showed the level of pro-environmental behavior of first year undergraduate students is medium. Recommendations for undergraduate students and future researchers are discussed. © 2018 The Authors, published by EDP Sciences.

SciVal Topic Prominence

Topic: Behavior | Recycling | Green purchase

Prominence percentile: 99.731

Indexed keywords

Engineering controlled terms: Information systems | Information use | Surveys

Engineering uncontrolled terms: Daily activity | Environmental issues | First year | Pro-environmental behaviors | Sustainable environment | Undergraduate students | University students | Waste Avoidance

Engineering main heading: Students

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Dewi, W.; Master Program of Environmental Science, School of Postgraduate Studies, Diponegoro University, Semarang, Indonesia; email:dewiwidiaswati@gmail.com

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KEYNOTE SPEAKER

Prof. Josef Winter
Karlsruhe Institute of Technology KIT, Institute of Biology for Engineers and Biotechnology of Wastewater Treatment, Germany
"Energy supply from wastewater treatment and biowaste digestion to reduce environmental burden"

Dr. Bambang Setiadi
Chairman of National Research Council –
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Himlal Baral, PhD
Center for International Forestry Research (CIFOR)
Bogor, Indonesia
"Potential Of Pongamia For Bioenergy And Restoration Of Degraded Land In Indonesi"

Prof. Dr. Claudia Gallert
University of Applied Science Emden Leer, Faculty of Technology, Division Microbiology Biotechnology, Germany
"Multiresistant bacteria in aqueous environment"

Prof. Peter Gell
Water Research Network
Federation University Australia
"Management to insulate ecosystem services from the effects of catchment development"

Dr. Tri Retnaningsih Soeprobowati, MApp.Sc
- School of Postgraduate Studies, Universitas Diponegoro
-Department of Biology, Faculty of Science and Mathematics, Universitas Diponegoro, Semarang Indonesia
"Find The Future From The Past: Palaeolimnology In Indonesia"

Prof. Dato' Ir. DR. Wan Ramli Wan Daud FASc
-Founding Director and Principal Research Fellow
Fuel Cell Institute
-Department of Chemical & Process Engineering
Faculty of Engineering & Built Environment
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"Microbial Fuel Cells: Simultaneous Power Generation And Wastewater Treatment"

Prof. Dr. Ir. Widodo Wahyu Purwanto, DEA
Sustainable Energy Systems and Policy Research Cluster
Department of Chemical Engineering, Faculty of Engineering, Universitas Indonesia
"Assessing Energy Status and Sustainable Energy System Design in an Archipelagic State"

Prof. Dr. Teddy Mantoro, SMIEEE
Sampoerna University, Faculty Engineering and Technology
"Towards Smart Information Systems: Exploitation on Intelligent Speech News and Tracking User Location Indoor"

PROGRAM

1ST DAY, TUESDAY, 15 AUGUST 2017 – PLENARY SESSION	
Time	**Program**
07.00 – 08.15	Registration
08.15 – 08.45	Opening Ceremony
08.45 – 09.00	Coffee Break 1
09.00 – 11.00	**Plenary Lecture & Discussion (1)** • Prof. Josef Winter (KIT – Germany) • Dr. Bambang Setiadi (Dewan Riset Nasional) • Himlal Baral, PhD (CIFOR, Nepal) Moderator : Prof. Sudharto P. Hadi, MES, PhD (UNDIP)
11.00 – 12.45	**Plenary Lecture & Discussion (2)** • Prof. Claudia Gallert (University of applied science – Emden/Leer – Germany) • Prof. Peter Gell (Federation University Australia) • Dr. Tri Retnaningsih Soeprobowati, MAppSc (UNDIP) Moderator : Dr. Hadiyanto, MSc (UNDIP)
12.45 – 13.45	Lunch

The role of health and safety experts in the management of hazardous and toxic wastes in Indonesia 07011

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- 08. Environmental Conservation

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Published online	21 February 2018

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Management to Insulate Ecosystem Services from the Effects of Catchment Development

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in the form of ecosystem services. These services are grouped into four broad categories: provisioning – food and water production; regulating – control of climate and disease; supporting – crop pollination; and cultural – spiritual and recreational benefits. Aquatic systems provide considerable service through the provision of potable water, fisheries and aquaculture production, nutrient mitigation and the psychological benefits that accrue from the aesthetic amenity provided from lakes, rivers and other wetlands. Further, littoral and riparian ecosystems, and aquifers, protect human communities from sea level encroachment, and tidal and river flooding. Catchment and water development provides critical resources for human consumption. Where these provisioning services are prioritized over others, the level and quality of production may be impacted. Further, the benefits from these provisioning services comes with the opportunity cost of diminishing regulating, supporting and cultural services. This imbalance flags concerns for humanity as it exceeds recognised safe operating spaces. These concepts are explored by reference to long term records of change in some of the world's largest river catchments and lessons are drawn that may enable other communities to consider the balance of ecosystems services in natural resource management.

Natural ecosystems in arid wetlands

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Published online	21 February 2018

E3S Web of Conferences **31**, 06002 (2018)

Prevalence of Hookworm infection and Strongyloidiasis in Cats and Potential Risk Factor of Human Diseases

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Abstract

Hookworm infection and Stronyloidiasis are public health problem in the worldwide which both of them could infective in human by penetrated on skin and they have potential risk from Gastrointestinal zoonotic helminths of pets, including cats. We investigated the prevalence soil transmitted helminths infection in human and cats used modified Formal-Ether Concentration and agar plate culture. Fecal samples of 23 cats and human from Naitung and Subua Villages (area study 1), and fecal samples of 15 cats and 17 humans from Thasala Beach villages (area study 2) were collected. Result of study in area study 1 showed prevalence of infection in human was not hookworm and strongyloidiasis but 10% humans have infected Ascaris and Tricuris, and in cats have infected by hookworm 75.2% and S. strercoralis 8.5%, toxocara 13%, spirometra 13% and overall prevalence 82.5%. In area study 2 showed in human has infected by Trichuris 100% and S. stercoralis 29.4% and in cats have infected by hookworm 100% and S. strercoralis 40%, toxocora 20%, and spirometra 20%. Helminth infection found in both humans in two areas study are S. strercoralis. Hookworms were the most common helminth in cats but did not connection with infection in human, while S. strercoralis was helminth infection in cats which has potential zoonotic disease to human.

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The Role of Spatial Analysis in Detecting the Consequence of the Factory Sites : Case Study of Assalaya Factory-Sudan

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Abstract

Spatial analysis is considered as one of the most important science for identifying the most appropriate site for industrialization and also to alleviate the environmental ramifications caused by factories. This study aims at analyzing the Assalaya sugarcane factory site by the use of spatial analysis to determine whether it has ramification on the White Nile River. The methodology employed for this study is Global Position System (GPS) to identify the coordinate system of the study phenomena and other relative factors. The study will also make use Geographical Information System (GIS) to implement the spatial analysis. Satellite data (LandsatDem-Digital Elevation Model) will be considered for the study area and factory in identifying the consequences by analyzing the location of the factory through several features such as hydrological, contour line and geological analysis. Data analysis reveals that the factory site is inappropriate and according to observation on the ground it has consequences on the White Nile River. Based on the finding, the study recommended some suggestions to avoid the aftermath of any factory in general. We have to take advantage of this new technological method to aid in selecting most apt locations for industries that will create an ambient environment.

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Undergraduate Students' Pro-Environmental Behavior in Daily Practice

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Abstract

Pro-environmental behavior is an individual action as a manifestation of one's responsibility to create a sustainable environment. University students as one of the agent of change can adopt pro-environmental behaviors concept, even through simple things to do on daily activities such as ride a bicycle or walk for short distance, reuse the shopping bags, separate waste, learn about environmental issues etc. Many studies have examined pro-environmental behavior from various approaches. However, the study about university students' pro-environmental behavior is lacking. The aim of this paper is to examine the undergraduate students' pro-environmental behaviors level. We surveyed 364 first year undergraduate students from a state university in Semarang. The survey included six aspects of pro-environmental behavior in daily practice which include energy conservation, mobility and transportation, waste avoidance, recycling, consumerism, and vicarious behaviors toward conservation. Findings of this study showed the level of pro-environmental behavior of first year undergraduate students is medium. Recommendations for undergraduate students and future researchers are discussed.

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