

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

Judul karya ilmiah (paper) : Risk Assessment of Underpass Infrastructure Project Based On ISO 31000 And ISO 21500 Using Fishbone Diagram And RFMEA (Project Risk Failure Mode And Effects Analysis) Method

Jumlah Penulis : 2 orang: **Bambang Purwanggono** dan Anastasia Margarete2

Status Pengusul : Penulis ke-1

Identitas Makalah : a. Judul Prosiding : 10th International Seminar on Industrial Engineering and Management: Sustainable Development In Industry and Management, ISIEM 2017

b. ISBN/ISSN : 17578981

c. Tahun Terbit, Tempat Pelaksanaan : 07-09 November 2017, Tanjung Pandan - Belitung; Indonesia,

d. Penerbit/organiser : IOP Publishing Ltd

e. Alamat repository PT/web prosiding :

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f. Terindeks di (jika ada) : SCOPUS

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

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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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d. Kelengkapan unsur dan kualitas terbitan/prosiding(30%)	9		7
<b>Total = (100%)</b>	<b>30</b>		<b>20</b>
<b>Nilai Pengusul = (60%)*20 =12</b>			

**Catatan Penilaian Paper oleh Reviewer :**

- Kesesuaian dan kelengkapan unsur isi paper: Sesuai Acuan
- Ruang lingkup dan kedalaman pembahasan: Discussion pada result tidak jelas, bagaimana kaitann antara fishbone dengan pareto yang di hasilkan
- Kecukupan dan kemutakhiran data/informasi dan metodologi: Metodologi tidak dijelaskan sepenuhnya
- Kelengkapan unsur dan kualitas terbitan: Penjelasan total & gambar tidak lengkap

Bandung,,  
Reviewer 1



Prof Dr Dradjad Irianto  
NIP. 196206231988021001  
Unit kerja : Dept. Teknik Industri ITB  
Kelompok Keahlian Sistem Manufaktur ITB  
GB bidang Rekayasa Kualitas

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a. Kelengkapan unsur isi prosiding (10%)	3		2.6
b. Ruang lingkup dan kedalaman pembahasan (30%)	9		8.0
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9		8.5
d. Kelengkapan unsur dan kualitas terbitan/prosiding(30%)	9		8.5
<b>Total = (100%)</b>	<b>30</b>		<b>27.6</b>
<b>Nilai Pengusul = (60%)*27.6= 16.56</b>			

**Catatan Penilaian Paper oleh Reviewer :**

- Kesesuaian dan kelengkapan unsur isi paper:** unsur paper sudah lengkap dan sesuai dengan standard
- Ruang lingkup dan kedalaman pembahasan:** paper ini membahas secara mendalam tentang faktor risiko keterlambatan pembangunan salah satu proyek infrastruktur. Lingkup pembahasan adalah salah satu kasus pembangunan underpass segmen Jatingaleh Semarang. Hasil penelitian ini adalah bagaimana melakukan mitigasi risiko keterlambatan.
- Kecukupan dan kemutakhiran data/informasi dan metodologi:** Data yang digunakan sudah memadai dan cukup, namun penelitian ini belum menyampaikan dengan jelas bagaimana teknik pengambilan datanya. Demikian juga untuk tahapan/langkah terakhir dari metode RFMEA tidak dilaksanakan yaitu re-evaluasi skor risiko.
- Kelengkapan unsur dan kualitas terbitan:** . Unsur penerbit sudah baik dan berkualitas

Semarang,  
Reviewer 2

Prof Ir. Moses Laksono Singgih, MSc, PhD  
 NIP. 195908171987031002  
 Unit kerja : Dept. Teknik Industri ITS  
 Bidang Ilmu: Produktivitas dan Kualitas

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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	2.6	2.8
b. Ruang lingkup dan kedalaman pembahasan (30%)	5	8.0	6.5
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	5	8.5	6.75
d. Kelengkapan unsur dan kualitas penerbit (30%)	7	8.5	7.75
Total = (100%)	20	27.6	23.8
Nilai Pengusul = 60%	12	16.56	14.28

Semarang,  
Reviewer 1

Prof Dr Dradjad Irianto  
NIP. 196206231988021001  
Unit kerja : Dept. Teknik Industri ITB  
Kelompok Keahlian Sistem Manufaktur ITB  
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Reviewer 2

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Kelompok Keahlian: Produktivitas dan Kualitas

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## PREFACE

This issue is published in line with the Tenth International Seminar on Industrial Engineering and Management (10<sup>th</sup> ISIEM). The articles cover a broad spectrum of topics including Quality Engineering Management, Decision Support System and Artificial Intelligent, Ergonomics, Supply Chain Management, Production System, Operation Research, and Industrial Management. The 87 articles provide an overview of critical research issues reflecting on past achievements and future challenges. Those papers were selected from 77 out of 87 abstracts. This statistics shows the high competition to get published on this proceeding.

This issue and the seminar become special as more delegates come and join us from various countries as well as universities compared to previous years. We host 82 delegates both from abroad and local. The 10<sup>th</sup> ISIEM is hosted by seven universities, i.e. Esa Unggul University, Trisakti University, Tarumanagara University, Al Azhar Indonesia University, Atma Jaya Catholic University of Indonesia, Pasundan University and Pancasila University.

Special thanks go to Prof. Matteo Mario Savino from University of Sannio, Italy; Dr. Nutthapol Asadathorn, Executive Director of TRR Sugar Refinery Group, Thailand; and Dr. Syuhaida Ismail from University of Technology Malaysia, for their contribution as keynote speakers. We are also grateful to all reviewers, for their commitment, effort and dedication in undertaking the task of reviewing all of the abstracts and full papers. Reviewing a large number of submissions in a relatively short time frame is always challenging. Without their help and dedication, it would not be possible to produce this proceeding on time. I highly appreciate all members of ISIEM committees (advisory, steering, and organizing committees) for their mutual efforts and invaluable contribution for the success of the seminar.

Have a pleasant seminar

Dr. Iphov Kumala Sriwana  
Chair



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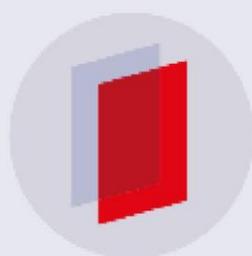
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The 10th ISIEM  
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