

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

Judul karya ilmiah (paper) : The Mapping on Standards Capability and Response to Standards issues: A Multiple Case Study in Manufacturing Firm-Indonesia

Jumlah Penulis : 4 orang (**Bambang Purwanggono**, Arfan Bakhtiar, Aries Susanty, Nia Budi Puspitasari)

Status Pengusul : Penulis ke-1

Identitas Makalah : a. Judul Prosiding : 2012 IEEE Symposium on Business, Engineering and Industrial Applications

b. ISBN/ISSN : 978-1-4577-1632-4

c. Tahun Terbit, Tempat Pelaksanaan : 23-26 September 2012,

d. Penerbit/organiser : IEEE

e. Alamat repository PT/web prosiding :

PROSIDING : <https://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6416135>

ARTIKEL : <https://ieeexplore.ieee.org/document/6422947>

f. Terindeks di (jika ada) : SCOPUS

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

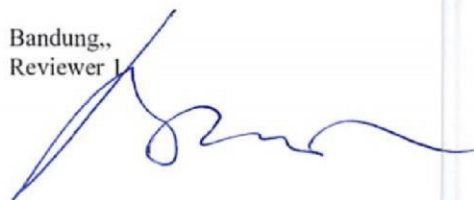
Hasil Penilaian *Peer Review* :

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		3
b. Ruang lingkup dan kedalaman pembahasan (30%)	9		5
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9		5
d. Kelengkapan unsur dan kualitas terbitan/prosiding(30%)	9		7
Total = (100%)	30		20
Nilai Pengusul = (60%)*20 =12			

Catatan Penilaian Paper oleh Reviewer :

- Kesesuaian dan kelengkapan unsur isi paper:** Sesuai Acuan IEEE
- Ruang lingkup dan kedalaman pembahasan:** Model 3 dimension is not clearly stated, which thus score in table 2 is not clear
- Kecukupan dan kemutakhiran data/informasi dan metodologi:** Non explanation on variance/standard error to justify significance of figure 2
- Kelengkapan unsur dan kualitas terbitan:** .Ok

Bandung,,
Reviewer 1



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

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

Judul karya ilmiah (paper) : *The Mapping on Standards Capability and Response to Standards issues: A Multiple Case Study in Manufacturing Firm-Indonesia*

Jumlah Penulis : **Bambang Purwanggono**, Arfan Bakhtiar, Aries Susanty, Nia Budi Puspitasari

Status Pengusul : Penulis ke-1

Identitas Makalah : a. Judul Prosiding : 2012 IEEE Symposium on Business, Engineering and Industrial Applications

b. ISBN/ISSN : 978-1-4577-1632-4

c. Tahun Terbit, Tempat Pelaksanaan : 23-26 September 2012,

d. Penerbit/organiser : IEEE

e. Alamat repository PT/web prosiding :

PROSIDING : <https://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6416135>

ARTIKEL : <https://ieeexplore.ieee.org/document/6422947>

f. Terindeks di (jika ada) : SCOPUS

h. Turnitin Similarity : 11 %

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 Karya Ilmiah (Isikan di kolom yang sesuai)		Nilai Akhir Yang Diperoleh
	Internasional <input type="checkbox"/>	Nasional <input type="checkbox"/>	
e. Kelengkapan unsur isi prosiding (10%)	3		2.5
f. Ruang lingkup dan kedalaman pembahasan (30%)	9		8.5
g. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9		8.5
h. Kelengkapan unsur dan kualitas terbitan/prosiding(30%)	9		8.5
Total = (100%)	30		28.0
Nilai Pengusul = (60%)*28 = 16.8			

Catatan Penilaian Paper oleh Reviewer :

- Kesesuaian dan kelengkapan unsur isi paper:** Paper telah sesuai dengan format IEEE yang terdiri dari Introduction, Methodology, Result, Discussion, dan Conclusion.
- Ruang lingkup dan kedalaman pembahasan:** Paper telah secara mendalam mengupas obyek penelitian secara kualitatif serta mampu menghasilkan hasil yang dapat dikuantifikasi dengan baik.
- Kecukupan dan kemutakhiran data/informasi dan metodologi:** Kurang memasukkan review literature yang terkini, sedangkan metodologi yang dipakai dengan pendekatan mixed method sudah tepat.
- Kelengkapan unsur dan kualitas terbitan:** Kualitas terbitan IEEE memiliki reputasi internasional yang sangat baik

Semarang,
Reviewer 2

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

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

Judul karya ilmiah (paper) : The Mapping on Standards Capability and Response to Standards issues: A Multiple Case Study in Manufacturing Firm-Indonesia

Jumlah Penulis : **Bambang Purwanggono**, Arfan Bakhtiar, Aries Susanty, Nia Budi Puspitasari

Status Pengusul : Penulis ke-1

Identitas Makalah : a. Judul Prosiding : 2012 IEEE Symposium on Business, Engineering and Industrial Applications

b. ISBN/ISSN : 978-1-4577-1632-4

c. Tahun Terbit, Tempat Pelaksanaan : 23-26 September 2012,

d. Penerbit/organiser : IEEE

e. Alamat repository PT/web prosiding :

PROSIDING : <https://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=6416135>

ARTIKEL : <https://ieeexplore.ieee.org/document/6422947>

f. Terindeks di (jika ada) : SCOPUS

g. Turnitin Similarity : 11 %

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	2.5	2.75
b. Ruang lingkup dan kedalaman pembahasan (30%)	5	8.5	6.75
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	28	24
Nilai Pengusul = 60%	12	16.8	14.4

Semarang,
Reviewer 1



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

Reviewer 2



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

BUKTI SCOPUS

Document details

< Back to results | < Previous 9 of 11 Next >

Export Download Print E-mail Save to PDF Add to List More... >

View at Publisher

ISBEIA 2012 - IEEE Symposium on Business, Engineering and Industrial Applications 2012, Article number 6422947, Pages 548-552
IEEE Symposium on Business, Engineering and Industrial Applications, ISBELA 2012; Bandung; Indonesia; 23 September 2012 through 26 September 2012; Category numberCFP1216R-ART; Code 95695

The mapping on standards capability and response to standards issues: A multiple case study in manufacturing firm-Indonesia (Conference Paper)

Purwanggono, B.^a, Bakhtiar, A.^b, Susanty, A.^a, Puspitasari, N.B.^a

^aIndustrial Engineering Department, Diponegoro University, Semarang, Indonesia
^bTechnology and Management Department, Technical University of Berlin, Berlin, Germany

Abstract

View references (8)

According to the ISO methodology to quantify the benefits of standards, the standards capability is one of the influencing factors to the value creation process of the application of standards. The objectives of this study are twofold, i.e. to observe how the application of standards in manufacturing industry companies is, and to assess both of the standards capability and the respond to standards issues. Based on the case study findings, we concluded that: the application of standards have deeply and systematically been understood and done in all departments and levels of the companies. Meanwhile, figures of the case study objects have explained a reactive response to the issue of new standards and the companies' standards capabilities are scored high. So, they can be categorized as follower. Copyright © 2012 IEEE.

SciVal Topic Prominence

Topic: Industry | Standardization | social media

Prominence percentile: 24.162

Author keywords

Capability ISO methodology Mapping Standards

Indexed keywords

Engineering uncontrolled terms: Application of standards Capability ISO methodology Manufacturing industries Multiple-case study Value creation process

Engineering controlled terms: Industrial applications Industry Mapping Research

Engineering main heading: Standards

Metrics View all metrics >

2 Citations in Scopus
65th percentile
1.83 Field-Weighted Citation Impact



PlumX Metrics Usage, Captures, Mentions, Social Media and Citations beyond Scopus.

Cited by 2 documents

Employee perceptions to standards capability: A cross second order confirmatory factors analysis in manufacturing firms-Indonesia

Bakhtiar, A. (2013) BEIAC 2013 - 2013 IEEE Business Engineering and Industrial Applications Colloquium

The relationships between standards implementation and organizations performance

Bakhtiar, A. , Susanty, A. , Purwanggono, B. (2013) BEIAC 2013 - 2013 IEEE Business Engineering and Industrial Applications Colloquium

View all 2 citing documents

Inform me when this document is cited in Scopus:

Set citation alert >

Set citation feed >

Related documents

The benefits assessment of standards: A cross case analysis in manufacturing industries-Indonesia

Bakhtiar, A.

The relationships between standards implementation and organizations performance

Bakhtiar, A. , Susanty, A. , Purwanggono, B. (2013) *BEIAC 2013 - 2013 IEEE Business Engineering and Industrial Applications Colloquium*

Standardization benefits assessing model of complicated production development program

Hu, Q. , Chu, H. , Liang, D. (2010) *Beijing Hangkong Hangtian Daxue Xuebao/Journal of Beijing University of Aeronautics and Astronautics*

View all related documents based on references

Find more related documents in Scopus based on:

Authors > Keywords >

References (8)

[View in search results format >](#)

All [Export](#) [Print](#) [E-mail](#) [Save to PDF](#) [Create bibliography](#)

- 1 (2009) *The Economic Impact of Standardization: Technological Change, Standards* AFNOR, and, Association Française de Normalisation, Paris

- 2 Creswell, J.W., Plano Clark, V.L. (2011) *Designing and Conducting Mixed Methods Research*. Cited 7001 times. Los Angeles: Sage

- 3 (2000) *Economic Benefits of Standardization: Summary of Results*. Cited 45 times. DIN, Beuth Verlag GmbH and Deutsches Institut für Normung, Berlin

- 4 (2005) *The Empirical Economics of Standards*. Cited 44 times. DTI, Department of Trade and Industry, London

- 5 The impact of ICT Standards: Three Views (2006) *Standardization As A Strategic Tool*, pp. 155-165. Cited 2 times. IEC, in, Geneve, IEC

- 6 (2010) *Economic Benefit of Standards*. Cited 4 times. ISO, ISO 2010, Geneve

- 7 (2007) *Standards, Innovation and the Australian Economy*. Cited 4 times. Standards Australia www.standards.org.au/downloads/11-04-2007-standards_and_innovation.pdf

 Bakhtiar, A.; Technology and Management Department, Technical University of Berlin, Germany; email:arfbakht@yahoo.com
 8 (2007) *Economic Value of Standardization*. Cited 9 times. Standards Council of Canada, Standards Council of Canada, Ottawa
© Copyright 2013 Elsevier B.V., All rights reserved.

[About Scopus](#)

[What is Scopus](#)

[Content coverage](#)

[Scopus blog](#)

[Scopus API](#)

[Privacy matters](#)

[Language](#)

[日本語に切り替える](#)

[切换到简体中文](#)

[切换到繁體中文](#)

[Русский язык](#)

[Customer Service](#)

[Help](#)

[Contact us](#)

ELSEVIER

[Terms and conditions ↗](#) [Privacy policy ↗](#)

Copyright © 2019 Elsevier B.V. ↗. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies.

 RELX

COVER DAN DAFTAR ISI

2012 IEEE Symposium on Business, Engineering and Industrial Applications, September 23-26, 2012, Bandung, Indonesia

ISBEIA 2012

IEEE Symposium on Business, Engineering and Industrial Applications

**Hyatt Regency Bandung Hotel, Indonesia
23 to 26 September 2012**

CONTENT

WELCOME MESSAGE.....	iii
ORGANISING COMMITTEE.....	iv
REVIEWERS.....	v
TECHNICAL PROGRAM.....	xiv
Sunday, September 23.....	xv
Monday, September 24.....	xvii
Tuesday, September 25.....	xxi
Wednesday, September 26.....	xxviii
AUTHOR INDEX.....	xxxiv
MANUSCRIPT.....	1

Affiliation

- Faculty of Applied Sciences, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia (10)
- Faculty of Applied Sciences, Universiti Teknologi MARA, 40450 Shah Alam, Malaysia (8)
- Faculty of Accountancy, Universiti Teknologi MARA, Shah Alam, Malaysia (6)
- Faculty of Pharmacy, UiTM Puncak Alam, 42300, Bandar Puncak Alam, Selangor Malaysia (4)
- Pusat Penyelidikan Dasar dan Kajian Antarabangsa (CenPRIS), Universiti Sains Malaysia (USM), Pulau Pinang (3)
- Legal Aspects in Built Environment Initiative Group (3)
- Faculty of Information Management, Universiti Teknologi MARA, P. O Box 187, 08400 Merbok, Kedah Malaysia (3)
- Faculty of Applied Sciences, Universiti Teknologi MARA, 40450, Shah Alam, Selangor, Malaysia (3)
- School of Computer and Communication Engineering, Universiti Malaysia Perlis, No. 12 & 14, Jalan Satu, Taman Seberang Jaya Fasa 3, Kuala Perlis 02000, Perlis, Malaysia (2)
- Faculty of Administrative Science & Policy Studies, Universiti Teknologi MARA, P. O Box 187, 08400 Merbok, Kedah, Malaysia (2)
- Faculty of Administrative Science and Policy Studies, Universiti Teknologi MARA, 40450 Shah Alam, Selangor Malaysia (2)
- Institute of Forensic Science, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia (2)
- Industrial Design Department, Faculty of Arts & Design, Universiti Teknologi Mara (2)
- College of Arts and Science, Universiti Utara Malaysia, 06010 Sintok, Kedah, Malaysia (2)
- Centre for Biodiversity and Sustainable Development, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia (2)
- Faculty of Plantation and Agrotechnology, Universiti Teknologi MARA, 40450 Shah Alam, Malaysia (2)
- Faculty of Administrative Science & Policy Studies, Universiti Teknologi MARA, Shah Alam, Selangor, Malaysia (2)
- Faculty of Business Management, Universiti Teknologi MARA Pahang, Bandar Tun Abdul Razak Jengka, 26400

- Pahang, Malaysia (2)
- NANO-SciTech Centre, Institute of Science (2)
 - Faculty of Applied Sciences (2)
 - Department of Industrial Ceramics, Faculty of Art and Design, Universiti Teknologi MARA, 40450 Shah Alam, Malaysia (2)
 - Faculty of Applied Sciences, Universiti Teknologi MARA, Shah Alam, Malaysia (2)
 - Faculty of Business Management, Universiti Teknologi MARA, 40450 Shah Alam, Selangor Darul Ehsan, Malaysia (2)
 - Universitas Bakrie, Jakarta, Indonesia (2)
 - Forestry Faculty, Universiti Putra Malaysia (2)