

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

Judul Karya Ilmiah (paper) : Bedrock elevation measurement using ambient vibrations and ultra-sonic pulse test
 Jumlah Penulis : 4 Orang (Sri Prabandiyani RW, Masyur Irsyam, Windu Partono, Syamsul Maarif)
 Status Pengusul : penulis pertama/ penulis ke 3 / ~~penulis korespondensi~~

Identitas Karya Ilmiah : a. Nama Prosiding : Geotechnics for Catastrophic Flooding Events, Proceedings of the 4th International Conference on Geotechnical Engineering for Disaster Mitigation and Rehabilitation, GEDMAR 2014
 b. ISBN/ISSN : ISBN 978-1-138-02709-1
 c. Tahun Terbit, Tempat Pelaksanaan : Kyoto, Japan, 16-18 September 2014
 d. Penerbit/ Organizer : Taylo & Francis Gropus London
 e. Alamat repository PT/web prosiding : <http://eprints.undip.ac.id/49552/>
 f. Terindeks di (jika ada) : Google Scholar

Kategori Publikasi Jurnal Ilmiah : Prosiding forum ilmiah Internasional
 (beri ✓ pada kategori yang tepat) Prosiding forum ilmiah Nasional

Hasil Penilaian Peer Review :

Komponen Yang Dinilai	Nilai Reviewer		Nilai Rata-rata /Nilai Akhir yang diperoleh
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a. Kelengkapan unsur isi prosiding (10%)	1.00	1.00	1.00
b. Ruang lingkup dan kedalaman pembahasan (30%)	2.50	2.50	2.50
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	2.50	2.70	2.60
d. Kelengkapan unsur dan kualitas penerbit (30%)	3.00	3.00	3.00
Total = (100%)	9.00	9.20	9.10

Penulis ke 3 dari 4 = $(9.10 \times 40\%) / 3 = 1.21$

Reviewer I

Prof. Dr. Ir. Han Ay Lie, M.Eng
 NIP . 195611091985032002
 Unit kerja : Departemen T.Sipil FT.UNDIP

Reviewer II

Prof. Dr. Ir. Sri Tadjono, MS
 NIP .195303091981031005
 Unit kerja : Departemen T.Sipil FT.UNDIP

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Hasil Penilaian Peer Review :

Komponen Yang Dinilai	Nilai Maksimal Prosiding		Nilai Yang Diperoleh
	Internasional <input checked="" type="checkbox"/>	Nasional <input type="checkbox"/>	
a. Kelengkapan unsur isi prosiding (10%)	1		1
b. Ruang lingkup dan kedalaman pembahasan (30%)	3		2,5
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	3		2,5
d. Kelengkapan unsur dan kualitas penerbit (30%)	3		3
Total = (100%)	10		9

Catatan Penilaian artikel oleh Reviewer:

- a) Kelengkapan unsur prosiding sangat baik, terkesan profesional & berpengalaman dlm bidangnya
- b) Ruang lingkup signifikan, pustaka agak terbatas
 keterangan pada gambar ada yg berbahasa Indonesia
 Tunggakan berdasar
- c) Tulisan menambahi wacana dlm bidang penggunaan
 penggunaan UPU utk evaluasi bahan, namun
 bahan terobosan baru
- d) Institusi penerbit bereputasi internasional & jelas

Penulis II dari 3

$$\frac{0,4}{3} \times 9 = 1,2$$

Semarang,
 Reviewer 19-1-2019

Prof. Dr. Ir. Han Ay Lie, M.Eng.
 NIP.195611091985032002
 Unit kerja : Departemen Teknik Sipil FT UNDIP

**LEMBAR
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	Internasional	Nasional	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
a. Kelengkapan unsur isi prosiding (10%)	1		1
b. Ruang lingkup dan kedalaman pembahasan (30%)	3		2,5
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	3		2,7
d. Kelengkapan unsur dan kualitas penerbit (30%)	3		3
Total = (100%)	10		9,2

Catatan Penilaian artikel oleh Reviewer:

- a. Kelengkapan unsur isi prosiding terpenuhi
 b. Hanya 1 pustaka yang disertai dalam pembahasan
 c. 3 dan 11 pustaka terbitan 10 tahun terakhir
 d. Penerbit ber ISBN.

Penulis II dari 3 = $0,4/3 \times 9,2 = 1,227$

Semarang,
Reviewer

Prof. Dr. Ir. Sri Tadjono, MS.
NIP. 195303091981031005

Unit kerja : Departemen Teknik Sipil FT UNDIP

Bedrock elevation measurement using ambient vibrations and ultra-sonic pulse test.

W Sri Prabandiyani Retno, I Masyhur... - Geotechnics for ..., 2014 - eprints.undip.ac.id

One of the important steps in site specific analysis is finding the elevation of bedrock. Seismic waves in terms of acceleration time histories will be propagated from bedrock elevation to the earth surface. Invasive and non invasive are two methods commonly used ...

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Bedrock elevation measurement using ambient vibrations and ultra-sonic pulse test TURNITIN

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... 4 1% 5 1% 6 1% 7 1% **Bedrock elevation measurement using ambient vibrations and ultra-sonic pulse test ORIGINALITY REPORT PRIMARY SOURCES** www.geologie.ens.fr Internet Source evunix.uevora.pt ... Internet Source eprints.undip.ac.id Internet Source Sylvette Bonnefoy-Claudet ...

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Bedrock elevation measurement using ambient vibrations and ultra-sonic pulse test

W Partono - eprints.undip.ac.id

This book is prepared for sharing knowledge and improving understanding of the geotechnical engineering issues associated with catastrophic flooding events. The book will discuss hurricane, rainstorm and storm surge induced riverine and coastal flooding events ...

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Development of two components acceleration time histories for Semarang, Indonesia, due to Semarang fault earthquake scenarios using 30 meters soil deposit model

W Partono - MATEC Web of Conferences, 2018 - matec-conferences.org

... Fig. 2(a) shows microtremor **test** equipment for **bedrock elevation prediction measurements** ... Seismic Microzonation Map Design for Semarang City by Developing Seismic ... M. Irsyam, W. Partono and S. Maarif, **Bedrock elevation measurement using ambient vibrations and ultra** ...

☆  [Artikel terkait](#) 4 versi

Nondestructive test methods for evaluation of concrete in structures

AG Davis, F Ansari, RD Gaynor, KM Lozen... - ... Concrete Institute, ACI, 1998 - civil.ist.utl.pt

... By calibrating the focus adjustment screw, the investigator can estimate the **elevation** differences in ... and the user should understand the capabilities of the instrument to **measure** the correct ... assessing the quality of bond in overlays; and crack-depth **measurement** (Sansa- lone ...

☆  [Dirujuk 48 kali](#) [Artikel terkait](#) 7 versi

Methods for measuring rock surface weathering and erosion: a critical review



C Moses, D Robinson, J Barlow - Earth-Science Reviews, 2014 - Elsevier

☆  [Dirujuk 68 kali](#) [Artikel terkait](#) 11 versi

Bedrock elevation measurement using ambient vibrations and ultra-sonic pulse test (HASIL REVIEW)

W Partono - eprints.undip.ac.id



Bedrock elevation measurement using ambient vibrations and ultra-sonic pulse test (HASIL REVIEW). Partono, Windu **Bedrock elevation measurement using ambient vibrations and ultra-sonic pulse test (HASIL REVIEW)**. -. (Unpublished). [img] Preview. PDF (**Bedrock** ...

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Bedrock elevation measurement using ambient vibrations and ultra-sonic pulse test (1)(HASIL TURNITIN)

W Partono - eprints.undip.ac.id



Bedrock elevation measurement using ambient vibrations and ultra-sonic pulse test (1) (HASIL TURNITIN). Partono, Windu **Bedrock elevation measurement using ambient vibrations and ultra-sonic pulse test (1) (HASIL TURNITIN)**. Turnitin. [img], PDF (**Bedrock elevation measurement** ...

☆  [2 versi](#) 

Experimental studies of dynamic response of foundations

B Hushmand - 1983 - authors.library.caltech.edu

... placement components of the model, and acceleration amplitudes at different **elevations** of the ... their valuable suggestions and assistance in performing ultrasonic wave propagation velocity **measurement tests** ... of soft soil is underlain by a much stiffer medium or even by **bedrock** ...

☆  [Dirujuk 15 kali](#) [Artikel terkait](#) 8 versi 

[Research & Development in the field of Building and Property Management at SP Swedish National Testing and Research Institute Report to the Formas scientific ...](#)

[PE Petersson - 2004 - diva-portal.org](#)

... **Measurement** Technology - electricity and time - electrical power - optoelectronics, length, and geometry - mass ... strong research environments **in** eg building, energy, materials and **measurements**, - high capacity for project management, research **by** senior researchers ...

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Geotechnics for Catastrophic Flooding Events



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Preface

This book is prepared for sharing knowledge and improving understanding of the geotechnical engineering issues associated with catastrophic flooding events. The book will discuss hurricane, rainstorm and storm surge induced riverine and coastal flooding events, such as the 2004 Sumatra earthquake in Indonesia, the 2005 Hurricane Katrina disaster in New Orleans, USA, Typhoon Morakot, which devastated parts of Taiwan in 2009 and the 2011 earthquake and tsunami disaster in Eastern Japan.

Combined failure mechanism, multiple hazards, and rare event with significant consequence exemplified by Fukushima accident and lessons learned are just a few examples characterizing this book. The book also includes contributions to a workshop on liquefaction experiment and analysis projects (LEAP) and a workshop for developing guidelines and recommendations for local governments to mitigate the risk of coastal and river flooding disasters.

The book is compiled at the Fourth International Conference on Geotechnical Engineering for Disaster Mitigation and Rehabilitation (4th GEDMAR), held on 16–18 September, 2014, Kyoto, Japan. The 4th GEDMAR provided a forum for members of ISSMGE and built on the tradition of previous successful GEDMAR conferences held in Singapore, Nanjin/China, and Semarang/Indonesia since 2005.

The editor hopes that the book will further advance the geotechnics for catastrophic flooding events. In compiling the manuscripts, the assistance by Ms. Chihiro Tsurui, Kyoto University and Ms. Waka Yuyama, FLIP Consortium, are gratefully acknowledged.

Susumu Iai
Editor

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