

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

Judul Jurnal Ilmiah (paper) : The Influence of Seismic Load to Deformation of Dam
 Jumlah Penulis : 3 orang (Udayani Cita Sari, Abdul Rochim, Windu Partono)
 Status Pengusul : ~~penulis pertama~~/ penulis ke 3 /~~penulis korespondensi~~

Identitas Jurnal Ilmiah : a. Nama Prosiding : Prosiding of The 3rd International Conference on Coastal and Delta Areas ICCDA #3
 b. ISBN/ISSN : ISBN 602-1145-45-3
 c. Tahun Terbit, Tempat Pelaksanaan : Semarang, 26 September 2017
 d. Penerbit/ Organizer : Universitas Sultan Agung (UNISSULA) Semarang
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<http://jurnal.unissula.ac.id/index.php/ICCDA/article/view/2024>
 f. Terindeks di (jika ada) : -

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
	Reviewer I	Reviewer II	
a. Kelengkapan unsur isi prosiding (10%)	0.75	1.40	1.075
b. Ruang lingkup dan kedalaman pembahasan (30%)	3.75	3.00	3.375
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	3.75	4.50	4.125
d. Kelengkapan unsur dan kualitas penerbit (30%)	3.75	3.10	3.425
Total = (100%)	12.00	12.00	12.00

Penulis ke 3 dari 3 = $(12.00 \times 40\%)/2 = 2.40$

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 Tufijono, MS
 NIP .195303091981031005
 Unit kerja : Departemen T.Sipil FT.UNDIP

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Kategori Publikasi Karya Ilmiah (beri ✓ pada kategori yang tepat) :

Prosiding forum ilmiah Internasional
 Prosiding forum ilmiah Nasional

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%)	1,5		0,75
b. Ruang lingkup dan kedalaman pembahasan (30%)	4,5		3,75
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	4,5		3,75
d. Kelengkapan unsur dan kualitas penerbit (30%)	4,5		3,75
Total = (100%)	15		12

Catatan Penilaian artikel oleh Reviewer:

- a) Editor board terbatas, reviewer tidak tampak pd web
- b) Bahasa Inggris kurang sempurna, kesimpulan terbatas namun pekerjaan riset yg mendasari cukup bagus
- c) pustaka cukup dan relevan, sitasi lengkap sumbernya rendah tapi materi belum terobosan baru
- d) Unissula Press tampak makin maju dg diterbitkan jurnal JCAEE, sebagai penerbit prosiding internasional perlu memperhatikan jumlah paper dan reviewer manca negara

Penulis II dari 2

$$\frac{0,4}{2} \times 12 = 2,4$$

Semarang, 19-1-2019
 Reviewer

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

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

Judul Karya Ilmiah (paper) : The Influence of Seismic Load to Deformation of Dam
Jumlah Penulis : 3 orang (Udayani Cita Sari, Abdul Rochim, Windu Partono)
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Identitas Karya Ilmiah : a. Nama Prosiding : Prosiding of The 3rd International Conference on Coastal and Delta Areas ICCDA #3, (Prosiding Internaional)
b. ISBN/ISSN : ISBN 602-1145-45-3
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d. Penerbit/ Organizer : Universitas Sultan Agung (UNISSULA) Semarang
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Kategori Publikasi Karya Ilmiah : Prosiding forum ilmiah Internasional
(beri ✓ pada kategori yang tepat) Prosiding forum ilmiah Nasional

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%)	1,5		1,4
b. Ruang lingkup dan kedalaman pembahasan (30%)	4,5		3
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	4,5		4,5
d. Kelengkapan unsur dan kualitas penerbit (30%)	4,5		3,1
Total = (100%)	15		12,5

Catatan Penilaian artikel oleh Reviewer:

- a. Kelengkapan unsur isi prosiding terpenuhi
- b. Tidak ada pustaka yang dikutip dalam pembahasan
- c. 10 dan 13 pustaka berkaitan 10 tahun terakhir
- d. Penulisan daftar pustaka ada yang salah Penerbit ber ISBN

Penulis II dari 2 = 0,4/2 x 12,0 = 2,4

Semarang,
Reviewer



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

The Influence of Seismic Load to Deformation of Dam

UC Sari, A Rochim, W Partono - International Conference on ..., 2017 - jurnal.unissula.ac.id

Disaster mitigation due to seismic load (earthquake) needs to be considered. This is especially for dam structure used as a reservoir and water resource. Because of the main function, and building dimension is too large, thus if the dam collapse it will cause a ...

☆  [Artikel terkait](#) 



The 3rd International Conference
on Coastal and Delta Areas
Semarang, September 26th 2017

ICCDA#3

“Problem, Solution & Development on Coastal and Delta Areas”



Conference Directory

Held by:



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Speakers



Keynote Speaker

DR. (HC) SUSI PUDJIASTUTI

Minister of Maritime and Fisheries Affairs

1st Speaker

Dr. Ir.FLORIS BOOGAARD, MSc

Rotterdam University of Applied Sciences, Netherland



2nd Speaker

Dr.-ING JOEWONO PRASETIJO

Universiti Tun Hussein Onn Malaysia

3rd Speaker

JANNESKA SPOELMAN, MSc

Rotterdam University of Applied Sciences, Netherland



4th Speaker

PROF. Dr. Ir. S. IMAM WAHYUDI, DEA

Sultan Agung Islamic University (UNISSULA)

Programme

TIME	SESSION	PIC	
07.30 - 08.30	REGISTRATION OF PATICIPANT	Lisa Fitriyana, ST.,M.Eng	
08.30 - 09.35	OPENING CEREMONY		
08.30 - 08.45	Recitation of Al Qur'an	Puryanto, S.Ag	
08.45 - 09.00	Welcoming Speech of Rector UNISSULA		
09.00 - 09.20	Keynote Speaker : Dr. (HC). Susi Pudjastuti (Minister of Maritime and Fisheries Affairs)		
09.20 - 09.35	Coffee Break		
09.35 - 11.45	PLENARY SESSION		
09.35 - 09.50	1 st speaker : Dr. Ir. Floris Boogaard, MSc (Rotterdam University of Applied Science)	Moderator :	
09.50 - 10.05	2 nd speaker : Dr. -Ing Joewono Prasetyo, (Universiti Tun Hussein Onn Malaysia)	Dr.Henny Pratiwi Adi, ST, MT	
10.05 - 10.20	3 rd speaker : Janneska Spoelman, MSc (Rotterdam University of Applied Science)	Notulen :	
10.20 - 10.35	4 th speaker : Prof. Dr. Ir. S. Imam Wahyudi, DEA (UNISSULA)	Muh. Rusli Ahyar, ST,M.Eng	
10.35 - 11.45	Discussion Session		
11.45 - 11.55	SOUVENIR DELIVERY SESSION		
11.55 - 12.30	PRAYING AND LUNCH		
12.30 - 15.00	PARAREL SESSION	Moderator :	
		Dr. Abdul Rochim, ST, MT	ROOM A
		Dr. Mila Karmilah, ST, MT	ROOM B
		Dr. Al Aswad, ST, MT	ROOM C
		Ari Sentani, ST, M.Sc	ROOM D
15.00 - 15.20	COFFEE BREAK		
15.20 - 16.00	CLOSING CEREMONY		
15.20 - 15.40	Conclusion of conference	Ari Sentani, ST, M.Sc	
15.40 - 15.50	Announcements of best paper and best presenter	Dr. Abdul Rochim, ST,MT	
15.50 - 16.00	Closing speech by Chairman	Dr. Abdul Rochim, ST, MT	

List of Presenter Room A

NU	FULL NAME	PAPER-TITLE
01	HERRY HERMAWAN	THE DEVELOPMENT OF INTERMODAL TRANSPORTATION IN CIREBON
02	1. HERMAN PRATIKN0; 2. HARMIN SULISTYANING TITAH; 3. HANDAYANU; 4. BINTANG RESPATI DWI H.	THE ABILITY OF AVICENNIA MARINE (API-API PUTIH) TO UPTAKE HEAVY METAL OF CHROMIUM AT WONOREJO COASTAL IN SURABAYA
03	1. MOHAMMAD ABDUL WAHAB; 2. MOKHAMAD RIZKI R; 3. ABDUL ROCHIM; 4. PRATIKN0	ANALYSIS OF SLOPE STABILITY USING BAMBOO AS AN ALTERNATIVE SLOPE REINFORCEMENT (CASE STUDY IN KALIWUNGU - BOJA STREET, DARUPONO VILLAGE, KENDAL DISTRICT)
04	1. DEDI PRASETIO S; 2. SOEDARSONO; 3. GATA DIAN ASFARI	TECHNICAL ECONOMY STUDY ON JURANG JERO SMALL DAM CONSTRUCTION PROJECT IN BLORA REGENCY
05	1. DWI YULIASARI; 2. SURIPIN; 3. DENNY NUGROHO S.	THE INFLUENCE OF COASTAL PROTECTIVE BUILDING AGAINST IN SAYUNG COASTAL, DEMAK
06	ADOLF SITUMORANG	DEFLECTION OF RIGID PAVEMENT NAILED SLAB SYSTEM WITH LATERAL LOADS
07	1. FAIZAL MAHMUD; 2. PRATIKN0; 3. RACHMAT MUDIYONO	REPAIRS OF EXPANSIVE LAND FOR SUB GRADE ROADS
08	EDY GARDJITO	THE ANALYSIS OF DIMENSIONAL CHANGES AND THE NUMBER OF SIMPLE COMPOSITE GIRDER DIMORO BRIDGE ON THE SOUTHERN COAST ACCESS IN MALANG EAST JAVA
09	1. SULISTYOWATI; 2. UMMI CHASANAH	RISK-BASED MAINTENANCE MODEL FOR ROAD NETWORK
10	HANIEF KURNIAWAN	ANALYSIS OF EFFECT OF HUMAN RESOURCES, ALLOCATION OF FUNDS, MATERIALS, AND CONSTRUCTION EQUIPMENT ON PERFORMANCE OF ROAD MAINTENANCE IN JEPARA REGENCY
11	ABDUL KHAMID	SEDIMENTATION HANDLING MODEL OF SEDIMENT RESERVOIR ON DARMA RESERVOIR DAS CIMANUK – CISANGGARUNG KUNINGAN REGENCY
12	IKHWANUDIN	THE HANDLING OF TIDAL FLOOD (ROB) WITH POLDER SYSTEM
13	1. BAGUS RATNA SAPUTRA; 2. SINGGIH TRI HATMODJO	AN ANALYSIS OF STABILITY SLOPE BY THE USE OF BAMBOO AS AN ALTERNATIVE BRACING (A CASE STUDY: ROAD AREA GROGOL SEMARANG CITY)
14	1. HASTI WIDYASAMRATRI; 2. AL' ASWAD	A PRELIMINARY STUDI: AN AGENT-BASED SPATIAL SIMULATION OF HUMAN-COASTAL ENVIRONMENT INTERACTION IN COASTAL URBAN TROPICAL AREA
15	BOBY RAHMAN	RELATIONSHIP OF CULTURAL ACTIVITY OF RIVER BASIN TO TIDAL RIVER SUSTAINABILITY FUNCTION
16	JAMILLA KAUTSARY	PUBLIC INFRASTRUCTURE PROBLEM FOR DEVELOPING TOURISM DESTINATIONS IN COASTAL AND SMALL ISLANDS AREAS CASE STUDY IN KARIMUNJAWA ARCHIPELAGO
17	1. MOHAMAD ANWAR; 2. S. IMAM WAHYUDI; 3. SOEDARSONO	EVALUATION OF PERFORMANCE IMPLEMENTATION OF SANITATION-BASED COMMUNITY SANITATION PROGRAM (SLBM) IN DISTRICT PEMALANG
18	1. HARIYANTO, 2. AGUSTINUS WASKITO N	OPTIMIZATION OF IMPLEMENTATION OF SYSTEM IRRIGATION FOR IMPROVING AGRICULTURAL RESULTS IN CEPU-BLORA

List of Presenter Room B

NU	FULL NAME	PAPER-TITLE
01	C.D.C. SCHMIDT OORBEEK	IMPACT OF ACCENTED SPEECH ON THE CREDIBILITY OF INTERNATIONAL EXCHANGE COURSE; CHALLENGES FOR EXCHANGING KNOWLEDGE AND EXPERIENCE IN THE ERASMUS+PROGRAM
02	1. PURWANTO; 2. IMAM SATYARNO; 3. ANDREAS TRIWIYONO	BENDING CAPACITY OF REINFORCED CONCRETE BEAM WITH A ROUGH AGGREGATE OF 2/3 TEAK PIECES
03	1. SUTARNO; 2. T.A. PRAYITNO; 3. ANDREAS TRIWIYONO	THE INFLUENCE OF POSITION AND NUMBER OF LONGITUDINAL CONNECTION OF SENGON GLUGAM BEAMS TOWARD STRENGTH AND STIFFNESS
04	1. TRI WAHYU KUNINGSIH; 2. RINI KUSUMAWARDANI	THE ANALYSIS OF LIQUEFACTION POTENTIAL BASED ON A COMPARATION OF VARIOUS CYCLIC RESISTANCE RATIO
05	ANIK KUSTIRINI	ECO STEREOASH CONCRETE LIGHTWEIGHT CONCRETE NON-STRUCTURAL AS AN ECO-FRIENDLY BRICK
06	1. KHOIRIYA LATIFAH; 2. IKA AYU AMELIA P.	PASSPORT DATA BASED ON NEURAL NETWORK TIME SERIES PREDICTION
07	1. AHSAN HABIB; 2. SURIPIN; 3. DENNY NUGROHO SUGIANTO	SIMULATION OF COASTAL EROSION MODEL TO SUPPORT DISASTER MITIGATION IN COASTAL SAYUNG, DEMAK DISTRICT
08	1. BEDJO SANTOSO; 2. SITI AISIYAH SUCININGTYA 3. PROVITA WIJAYANTI	TOWARD GREEN, CLEAN AND SUSTAINABLE ENVIRONMENT
09	1. LATIFUN; 2. ANTONIUS	EFFECTS OF MIXED ASPHALS WITH FELDSPAR FILLER MODIFICATION ON OIL ASPHALS
10	SUPOYO	REVIEW OF RECYCLED ASPHALT UTILIZATION (RAP) FOR ROAD PAVEMENT RECYCLING
11	1. UNDAYANI CITA SARI; 2. ABDUL ROCHIM; 3. WINDU PARTONO	THE INFLUENCE OF SEISMIC LOAD TO DEFORMATION OF DAM
12	EKO MULIAWAN SATRIO	FEASIBILITY ANALYSIS OF SOUTH JAVA ROAD LINK IN JOYAKARTA PROVINCE
13	1. PRATIKSO; 2. SOEDARSONO	DEALING WITH ISSUES IN CONSTRUCTION IN THE COASTAL AREA OF SOFT CLAY: SOLUTION, STRATEGY & IMPLEMENTATION
14	1. TRI HARTADI; 2. SOEDARSONO; 3. M. FAIQUN NI'AM	STUDY ON THE FEASIBILITY OF CONSTRUCTION OF LOGUNG DAM IN KUDUS REGENCY
15	1. HN. NURUFL HUDA P.E; 2. ETIKA SUKMA A; 3. ARDEFIAN PIRADIPTA S.	ONE BUILDING AT A TIME FOR TAMBAK LOROK
16	EPHY YULIANI	INVENTORY OF ENVIRONMENTAL ISSUES RELATED TO THE UTILIZATION OF NATURAL RESOURCES IN COASTAL AREAS (CASE STUDY: WEDUNG DISTRICT, DEMAK REGENCY)
17	IKOSA ARDIYANTO	ANALYSIS OF CAUSE FACTORS OF DELIVERY OF IMPLEMENTATION OF CONSTRUCTION PROJECTS IN TEGAL CITY
18	SELVIA AGUSTINA	THE POTENTIAL LIQUEFACTION IN YOGYAKARTA AND BANTUL
19	1. ARDIANA Y.P 2. YUNIA ALFIANTI 3. M. AGUNG RIDLO	THE EFFECT OF MIDDLEMAN BEHAVIOR TO THE ECONOMIC SPACE ON TPI TAWANG VILLAGE GEMPOLSEWU ROWOSARI DISTRICT KENDAL REGENCY

List of Presenter Room C

NU	FULL NAME	PAPER-TITLE
01	1. OKTARINA HERIYANI; 2. DAN MUNGISIDI; 3. HAMDY FATUROHMAN	EFFECT OF MATERIAL CONDUCTIVITY THERMALTO SEA WATER EVAPORATION IN SOLAR DESALINATION
02	1. HARMIN SULISTYANING TITAH; 2. HERMAN PRATIKNO; 3. ATIEK MOESRIATI; 4. RIZKY ISLAMI PUTERA; 5. MUHAMMAD FAUZUL IMRON	IDENTIFICATION OF DIESEL RESISTANT BACTERIA THAT ISOLATED FROM SHIP DISMANTLING AREA IN MADURA COASTAL
03	1. AJIE SETIAWAN; 2. RACHMAT MUDIYONO; 3. NINA ANINDYAWATI	EVALUATION OF TRANSPORTATION PERFORMANCE OF CITY TRANSPORT IN TEGAL CITY
04	1. ANDRI KURNIAWAN; 2. PRATIKSO; 3. SOEDARSONO	ANALYSIS OF LAND SUBSIDENCE AFFECTS AGAINST WATER PUDDLE IN SEMARANG CITY
05	1. AYU FITRIANTI; 2. RIZAL PALEFI HIDAYA; 3. GATOT RUSBINTARDJO; 4. ABDUL ROCHIM	BITUMEN MODIFICATION USING BUTON NATURAL ROCK ASPHALT
06	1. MUHAMAD RUSLI AHYAR; 2. RACHMAT MUDIYONO	THE FLEXURAL BEHAVIOR OF FULL HEIGHT RECTANGULAR OPENING CASTELLATED STEEL BEAM WITH DIAGONAL STIFFENER
07	1. DIAN INDAH PERMATASARI; 2. PRATIKSO; 3. RACHMAT MUDIYONO	ANALYSIS OF CHANGE IN THE AREA OF INUNDATION DUE TO LAND SUBSIDENCE IN SEMARANG
08	DWI WAHYU HIDAYAT	THE TRAFFIC ANALYSIS ON THE SIGNED T-JUNCTION (A CASE STUDY OF PURWOKERTO INDAH (PURIN) T-JUNCTION, KENDAL)
09	1. EKY SULISTIYO HARIAWAN; 2. PRATIKSO; 3. SOEDARSONO	THE INFLUENCE OF LAND SUBSIDENCE TO THE CHANGES OF INUNDATION WIDTH IN SEMARANG CITY ALLUVIAL PLAINS (CASE STUDY: NORTHERN DISTRICTS OF SEMARANG)
10	1.MUHAMMAD TAUFIK 2.KARTONO WIBOWO 3.ABDUL ROCHIM	THE ANALYSIS OF RISK MANAGEMENT OF PROJECTS WITH LUMP SUM CONTRACT SYSTEM AND UNIT PRICE CONTRACT SYSTEM USING AHP METHOD (CASE STUDY OF CONTRACTORS IN SEMARANG CITY)
11	1. MUHAMMAD TAUFIQ; 2. WAHYU KURNIAWAN	ANALYSIS SLOPE STABILITY AND SEEPAGE LOGUNG DAM - KUDUS CENTRAL JAVA
12	1. RAHMAT AKBAR BADARU; 2. RANDY YUDISTIRA; 3. GATOT RUSBINTARDJO; 4. M. FAIQUN NI'AM	BUTON NATURAL ASPHALT (BNRA) MODIFIED BASE COURSE MATERIAL
13	1. ANIDA CHAERUNISA; 2. ASRIANA	ANALYSIS ON SOIL LIQUEFACTION POTENTIAL IN PANGANDARAN COASTAL AREA WEST JAVA
14	1. BUDHI ANTOYO; 2. SOEDARSONO; 3. M. FAIQUN NI'AM	DECLINING ANALYSIS OF SERVICE FUNCTION AREA IRRIGATION SRAGI PEKALONGAN REGENCY
15	1. LISA FITRIYANA; 2. ANTONIUS	ASSESSMENT OF GEOTECHNICAL FEASIBILITY IN DEVELOPMENT OF STIE BPD SEMARANG
16	IMMANUEL J.A. SARAGIH	STUDY OF VARIABILITY OF HIGH AND PERIOD OF SIGNIFICANT OCEAN WAVE IN SABANG
17	FATCHUR ROEHMAN	EFFECTIVENESS OF RUBBER DAMAGE MANAGEMENT CONTAIN WATER ON FLOOD DISTRIBUTION DUE TO RAIN AND SEA WATER INSTRUSION (ROB) IN DEMAK REGENCY
18	RIANDY SHOLEH SETIAWAN	PLANNING ANALYSIS OF DEVELOPMENT PORTS TEGAL

List of Presenter Room D

NU	FULL NAME	PAPER-TITLE
01	1. VERA ROHMADONIATI; 2. NAURA ALIF AMALIA; 3. SOEDARSONO; 4. PRATIKSO	CHARACTERISTIC OF EXPANSIVE CLAY SOIL (CASE RESEARCH AT BUGEL VILLAGE, GODONG SUBDISTRICT, PURWODADI REGENCY, CENTRAL JAVA PROVINCE)
02	1. AHMAD HIDAYAWAN; 2. S. IMAM WAHYUDI; 3. M. FAIQUN NI'AM	THE STUDY OF ECONOMIC FEASIBILITY PROJECT OF EMBUNG'S ESTABLISHMENT IN THE CASE TO SUPPLY PEOPLE NEEDS OF WATER SOURCES
03	ARI SENTANI	INFLUENCE OF ANGULARITY OF GRAINS ON SUFFUSION PROCESS IN CLAYEY SAND
04	1. BAGAS WAHYU ADHI; 2. PRATIKSO; 3. RACHMAT MUDIYONO	THE PREDICTION OF BROAD PUDDLE CHANGE BASED ON LAND SUBSIDENCE ANALYSIS IN SEMARANG
05	1. LELY RIZKIYAWATI; 2. WILUJENG ASHRI NASTITI; 3. GATOT RUSBINTARDJO; 4. PRABOWO SETIYAWAN	DESIGN OF PAVEMENT USING BUTON NATURAL ROCK ASPHALT STABILIZED SUBGRADE SOIL
06	1. MASRURUTUN; 2. ANTONIUS; 3. RACHMAT MUDIYONO	ANALYSIS OF EFFECT OF PERFORMANCE OF PUBLIC WORKS DEPARTMENT IN JEPARA WITH BALANCED SCORECARD METHOD AND REGRESSION ANALYSIS METHOD
07	1. MAHMUDI AMIR; 2. S. IMAM WAHYUDI; 3. GATA DIAN ASFARI	FLOOD/ROB HANDLING STUDY WITH POLDER SYSTEM IN PORT OF TANJUNG EMAS AREA SEMARANG
08	1. DECKY ROCHMANTO; 2. PRABOWO SETIAWAN; 3. SUMIRIN	COST OF STUDY REINFORCED CONCRETE STRUCTURES, STRUCTURAL STEEL AND STEEL COMBINATION STRUCTURE - CONCRETE (DEPO ARCHIVES BUILDING CASE STUDY DISTRICT JEPARA)
09	1. MUJI RIFAI; 2. PRATIKSO; 3. SOEDARSONO	FEASIBILITY STUDY DEVELOPMENT OF RANDUGUNTING DAM BY TAKING LARAP FACTOR
10	1. PROSIS SETIYAWAN; 2. S. IMAM WAHYUDI; 3. KARTONO WIBOWO	STRATEGY OF NATURAL DISASTER MANAGEMENT OF ROB IN TANJUNG EMAS PORT AREA BASED ON VALUE ENGINEERING AND STAKEHOLDER EXPECTATIONS
11	1. SOCHIS; 2. SOEDARSONO; 3. M. FAIQUN NI'AM	INTEGRATED IMPLEMENTATION CONSERVATION IN DAS SERANG (STUDY CASE INSTITUTIONAL GROUP OF LAND AND WATER CONSERVATION SAMPETAN VILLAGE SUBDISTRICT AMPEL, DISTRICT BOYOLALI
12	EKA YANI ASTUTI	ANALYSIS OF PROJECT DELAY ON THE WORK OF ABRASION HANDLING OF PAJANG ISLAND OF JEPARA
13	1. WIDYA AYU PRAWESTHI; 2. LELITA PRATIWI SANTOSA	STABILIZATION OF THE SHEAR STRENGTH OF CLAY SOIL WITH LIMESTONE POWDER
14	NURUL FADHILAH	THE EFFECT OF CONTRACTOR MANAGEMENT ON THE QUALITY OF CONSTRUCTION WORK IN DISTRICT OF DEMAK
15	WAN OKTO ARIYANSAH	FEASIBILITY REVIEW OF INVESTMENT DEVELOPMENT OF PARKING BUILDINGS (Case Study at Telogorejo Hospital Semarang)
16	1. MUHAMMAD AFIF R; 2. HENNY PRATIWI A; 3. DJOKO SUSILO A	THE VALUE ENGINEERING ANALYSIS OF DRAINAGE JOB (STUDY CASE AT CLUSTER NARAYA PROJECT OF BUKIT SEMARANG BARU)
17	PRAMODYA	FEASIBILITY STUDY AND INVESTMENT ANALYSIS OF MIX USE SENTRALAND SEMARANG
18	1. HELMY FIVE A; 2. SOEDARSONO; 3. DJOKO SUSILO A.	VARIABLES STUDY CAUSE OF DELIVERY OF THE BOYOLALI ROAD IMPROVEMENT - JRAKAH / SELO ON 2015

THE INFLUENCE OF SEISMIC LOAD TO DEFORMATION OF DAM

Undayani Cita Sari

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Abstract- Disaster mitigation due to seismic load (earthquake) needs to be considered. This is especially for dam structure used as a reservoir and water resource. Because of the main function, and building dimension is too large, thus if the dam collapse it will cause a significant catastrophe for the surrounding community and environment. One of the seismic damages to the dam is deformation. This paper presents the effect of seismic load on deformation of dam model simulation. This study took place on the Sermo Dam, Yogyakarta which is located close to Opak Fault -as the suspicious cause of the earthquake in Yogyakarta. Seismic loads used in this study in terms of acceleration time histories. Therefore model can be carried out using PLAXIS simulation. This selected seismic load variations are on the range 5.0-7.0 Mw and epicentrum distance is also restricted in 15-31 Km based on the nearest epicentrum distance between Sermo Dam and Opak Fault.

Keywords: *seismic load, deformation, dam, modeling*

CERTIFICATE

No. 4802/SA/D.1/IX/2017

presented to

Dr. Ir. WINDU PARTONO, MSc

as

PRESENTER

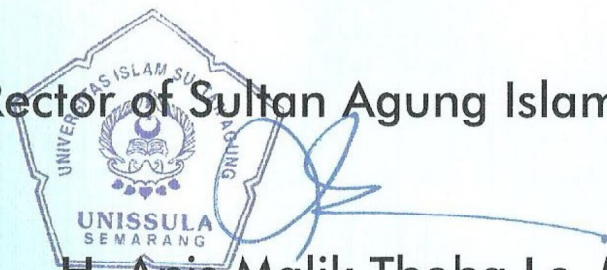
The 3rd International Conference on Coastal and Delta Areas

Problem, Solution & Development of Coastal and Delta Areas

26th September 2017

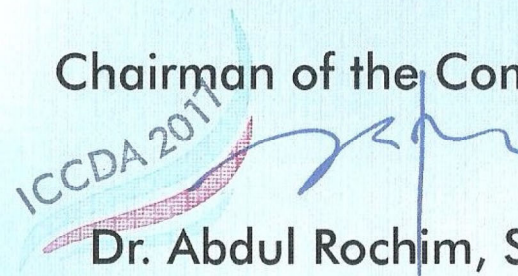
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Rector of Sultan Agung Islamic University



H. Anis Malik Thoha Lc. MA. Ph.D

Chairman of the Committee



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