



SEE-Mie 2022

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AWARD CEREMONY

The Eighth Int. Conf. on Structure, Engineering & Environment (SEE2022), Mie, Japan

Keynote Paper Award

Best Paper Award



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Keynote Paper Award

Prof. Dr. Hiroyuki Ii

Wakayama University, Japan



**EFFECTIVENESS OF BRYOPHYTES AND CICADA SHELLS
AS A BIO-INDEX FOR HEAVY METAL
CONTAMINATION OF RIVER WATER AND SOIL**



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Keynote Paper Award

Prof. Dr. John Smith

RMIT University, Australia



**CURRENT CHALLENGES IN GEOLOGICAL STORAGE OF
CARBON DIOXIDE**



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Keynote Paper Award

Prof. Dr. Hiroyuki Yaguchi

Tohoku Gakuin University, Japan



**DEVELOPMENT OF A NEW VIBRATION ACTUATOR FOR
INSPECTION OF LARGE IRON STRUCTURES**



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Best Paper Award

Originality: 5points

Quality: 5points

Relevance: 5points

Presentation: 5points

Recommendation: 5points



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Best Paper Award

s8508

**A NEW TYPE OF ELECTROMAGNETIC-VIBRATION PUMP
WITH HIGH EFFICIENCY AND FLOW RATE**

**Hiroyuki Yaguchi, Takuya Watanabe and Toshiki
Mishina**



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Best Paper Award

s8510

**GEOPHYSICAL INVESTIGATION OF GROUNDWATER
RESOURCES USING ELECTRICAL RESISTIVITY AND
INDUCED POLARIZATION METHOD**

**Jannatul Hasni Omar, Nordila Ahmad, Jestin Jelani,
Zuliziana Suif and Maidiana Othman**



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Best Paper Award

s8536

**CONSTANT VOLUME SHEAR TESTS ON COMPACTED
SILTY SOIL UNDER CONSTANT WATER CONTENT
CONDITION**

Tufail Ahmad, Riko Kato and Jiro Kuwano



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Best Paper Award

s8552

**EXAMINATION OF GRAIN-SIZE OF SEDIMENT AT
MULTIPLE POINTS ON THE SANDBAR IN CLASS B
RIVER**

**Yoshitaka Jiken, Kazuya Watanabe and Noritoshi
Saito**



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Best Paper Award

s8554

**RESIDUAL STRUCTURAL CAPACITY EVALUATION OF
BRIDGE PIERS AFFECTED BY THE LOCAL SCOURING WITH
A WATER LEVEL FORECASTING MODEL USING MACHINE
LEARNING**

Ryosuke Takahashi, Takuma Kadono and Shinichiro Okazaki



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Best Paper Award

s8590

**INTRODUCING THE GROOVED GUSSET PLATE DAMPER
FOR CROSS-BRACED FRAMES**

M. Almohammad-albakkar and F. Behnamfar



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Best Paper Award

s8603

**QUANTIFICATION OF HYDRATION PRODUCTS IN RICE
HUSK ASH (RHA)-BLENDED CEMENT CONCRETE WITH
CRUMB WASTE RUBBER TIRES (CWRT) AND ITS
CORRELATION WITH MECHANICAL PERFORMANCE**

John Mark L. David, Richard M. De Jesus and Rodolfo P. Mendoza



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Best Paper Award

s8610

PHYSICAL AND MORPHOLOGICAL PROPERTIES OF POLYURETHANE MODIFIED BITUMEN UNDER AGEING CONDITIONS

Faridah Hanim Khairuddin, Siti Zubaidah Mohd Asri, Noor Aina Misnon, Nur Izzati Md Yusoff and Ahmad Nazrul Hakimi Ibrahim



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Best Paper Award

s8644

**FIXATION OF SOYBEAN EXTRACT METHOD FOR
BIOCATALYST IN CALCITE PRECIPITATION METHOD AND
ITS APPLICABILITY AS A SOIL IMPROVEMENT TECHNIQUE**

**Heriansyah Putra, Baiq Heny Sulistiawati, Hideaki Yasuhara,
Minson Simatupang and Dede Heri Yuli Yanto**



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Best Paper Award

s8667

APPLICATION OF DESIGN FOR MANUFACTURING AND ASSEMBLY ON TEMPORARY SHELTERS IN THE PHILIPPINES

**Cheryl Lyne C. Roxas, Orlean G. Dela Cruz, Rhem Leoric C. Dela
Cruz, John Paul Q. De Pedro, Jonathan R. Dungca, Bernardo A.
Lejano and Jason Maximino C. Ongpeng**