Thursday, December 3, 2026, Conference Room A

International Symposium on Earth Science and Technology 2026
Organised by Cooperative International-Network for Earth Science and Technology (CINEST)

Technical Sessions

10:40-12:00 Biotechnology

Zoom URL: https://zoom.us/j/93628288025?pwd=XXFvSGbj0o78QUdb1nwxA4jgVv9Ovq.1 meeting ID: 936 2828 8025, passcode: 829959

Chairperson: Keishi Oyama, Kyushu University, Japan

A1-1	Potential Role of the Thermoacidophilic Archaeon Acidianus brierleyi in Vanadium Geomicrobiology	**Ryosuke Tokoshima, Jiang Zhao, Mahesh Mannacharaju, Naoko Okibe**
A1-2	Evaluation of the Applicability of Phragmites australis in Constructed Wetlands for Acid Mine Drainage Treatment	**Yuto Nagasako, Akihiro Hamanaka, Yuki Mizunoe, Takashi Sasaoka, Hideki Shimada, Shinji Matsumoto**
A1-3 Online	Sequential Isolation and Identification of Indigenous Thermophilic Hydrocarbonoclastic Bacteria from an Oil Well for MEOR Application	**Tia Fahara, Isty Adhitya Purwasena, Dea Indriani Astuti, Berlian Novenda Muktiadi**
A1-4 Online	Nipa Sap as an Alternative Carbon Source to Molasses for Biostimulation in Microbial Enhanced Oil Recovery	**Adistin Fitrainingtyas Kusuma, Yolla Padmadewi Wiragapa, Isty Adhitya Purwasena, Dea Indriani Astuti**

12:00~13:30 ***Break (No official lunch)***

13:30-14:50 Mineral Processing

Zoom URL: https://zoom.us/j/93628288025?pwd=XXFvSGbj0o78QUdb1nwxA4jgVv9Ovq.1 meeting ID: 936 2828 8025, passcode: 829959

Chairperson: Gde Pandhe Wisnu Suyantara, Kyushu University, Japan

A2-1	Microbial Regulation of Chloride-Assisted Bioleaching of Chalcopyrite and Pyrite	**Wataru Maruta, Keishi Oyama, Naoko Okibe**
A2-2	Sulfide-Mediated Cystine Activation for Selective Leaching of Cobalt and Nickel from Deep-Sea Cobalt-Rich Ferromanganese Crusts	**Heng Ratha, Naoko Okibe**
A2-3	Pb-Zn selective flotation using glutamic acid as a novel zinc depressant	**Sohei Shirai, Hajime Miki, Naoko Okibe, Gde Pandhe Wisnu Suyantara**
A2-4	IMPROVING MOLYBDENUM RECOVERY THROUGH RESTORATION OF MINERALS FLOATABILITY	**Gansukh Gan-Erdene, Jeon Sanghee, Kazutoshi Haga**

14:50~15:20 ***Coffee Break***

15:20-16:40 Geothermal Development

Zoom URL: https://zoom.us/j/93628288025?pwd=XXFvSGbj0o78QUdb1nwxA4jgVv9Ovq.1 meeting ID: 936 2828 8025, passcode: 829959

Chairperson: Keiichi Ishizu, Kyushu University, Japan

A3-1	Challenging Misconceptions: Why Geothermal Development Stalls in Indonesia	**Ali Ashat, Dinda Permatasari**
A3-2	Unlocking Indonesia's Geothermal Potential: A Proposed Energy Pricing Formula for Direct Use	**Ali Ashat**
A3-3	Preliminary study on evaluation of polymer decorated Tiron as silica scale inhibitors	**Ritsu Nishioka, Kotaro Yonezu, Saefudin Juhri, Eiki Watanabe, Naho Inoue, and Takushi Yokoyama**
A3-4 Online	From Volcanic Roots to Renewable Horizons: A Comprehensive Analysis of the Philippine Geothermal Industry's Evolution, Challenges, and Future Pathways	**Kenneth T. Banua**

16:50-18:00 Poster Session

18:30-19:30 Banquet

Friday, December 4, 2026, Conference Room A

International Symposium on Earth Science and Technology 2026
Organised by Cooperative International-Network for Earth Science and Technology (CINEST)

Technical Sessions

10:00-11:40 Civil Engineering

Zoom URL: https://zoom.us/j/93628288025?pwd=XXFvSGbj0o78QUdb1nwxA4jgVv9Ovq.1 meeting ID: 936 2828 8025, passcode: 829959

Chairperson: Akihiro Hamanaka, Kyushu University, Japan

A4-1	Monitoring-Based Evaluation of Construction Performance in Rectangular Pipe Jacking: A Case Study from Utsunomiya City	**Thema Arrisaldi, Kaho Fujii, Hideki Shimada, Takashi Sasaoka, Akihiro Hamanaka, Yuta Isaka, Tomo Morita, Fumihiko Matsumoto**
A4-2	Underground Behavior around Rectangular Pipes in a Pipe-Jacking Method Using Advanced Excavation of the Upper Section	**Kaho Fujii, Hideki Shimada, Takashi Sasaoka, Akihiro Hamanaka, Fumihiko Matsumoto, Tomo Morita, Yuji Ikeda, Yuta Isaka**
A4-3	Landslide Susceptibility Assessment Using Remote Sensing in Mondulkiri and Ratanakiri Provinces, Cambodia	**Hong Hakly, Chantha Vantheng, Eng Chandoeun, Heng Muoy Yi**
A4-4	Surrogate Modeling of Surface Fault Rupture in Layered Soils	**Onyango Joan Atieno, Wei Xin, Fernando Estéfan T. Garcia**
A4-5	Landslide Susceptibility Assessment by using Remote Sensing in Preah Vihear and Siem Reap Provinces, Cambodia	**Chantha Vanntheng, Eng Chandoeun, Heng Muoy Yi, Hong Hakly**

11:40~13:30 ***Break (No official lunch)***

13:30-15:10 Geothermics

Zoom URL: https://zoom.us/j/93628288025?pwd=XXFvSGbj0o78QUdb1nwxA4jgVv9Ovq.1 meeting ID: 936 2828 8025, passcode: 829959

Chairperson: Mitsuo Matsumoto, Kyushu University, Japan

A5-1	Preliminary Geothermal Resource Characterization of the Kiejo–Mbaka Prospect, Tanzania: Constraints from Three-Dimensional Magnetotelluric Inversion	**Doreen Mlele, Keiichi Ishizu, Kosuke Egawa, Yasuhiro Yamada**
A5-2	Hydrogeochemical characterization and subsurface temperature estimation of the NW Asal rift zone, Djibouti	**Mariam Ali Mahamad, Kotaro Yonezu, Akane Ito, Saefudin Juhri, Akira Imai**
A5-3	Three-Dimensional Integration of Legacy Geoscientific Data to Assess the Deep Thermal Structure and Connectivity of the Fushime and Medipolis Geothermal Fields, Southern Japan	**Chisaki Itera, Jun Nishijima, Suryantini, Heru Berian Pratama**
A5-4	Integrated Structural and Thermal Mapping of Suswa Geothermal Prospect, Narok County, Kenya	**Bett G., J. Ng'ethe, M. Musa, S. Aoki, I. Kanda, R. Mwakira, L. Wamalwa**
A5-5	Hydrogeochemical characterization of geothermal water systems: Case study of Mt. Suswa in Narok County, Kenya	**C. Khanyereri, G. Bett, S. Ombiro, J. Ng'ethe, S. Aoki, I. Kanda**

15:10~15:40 ***Coffee Break***

15:40-17:00 Rock Mechanics

Zoom URL: https://zoom.us/j/93628288025?pwd=XXFvSGbj0o78QUdb1nwxA4jgVv9Ovq.1 meeting ID: 936 2828 8025, passcode: 829959

Chairperson: Arif Widiatmojo, Institute Technology Bandung, Indonesia

A6-1	Fundamental Study on Control of Fragmentation Size of Blasted Rocks at the Ofunato Mine	**Giovanni Kamogawa, Takashi Sasaoka, Akihiro Hamanaka, and Hideki Shimada**
A6-2	Assessment of the Mechanical Stability of Lunar Lava Tubes in a Low-Gravity Environment	**Shunta Fujii, Takahiro Funatsu, Takashi Sasaoka, Hideki Shimada, Akihiro Hamanaka**
A6-3	How Many GSI Points Is a Bolt Worth? Ranking Support Factors in a Fault-Bounded Vein Drift	**Andrés Alejandro GARNICA GONZÁLEZ, Keigo FUKAMI, Hideki SHIMADA, Takashi SASAOKA, Akihiro HAMANAKA**
A6-4 Online	Distribution of Overburden Fractures and Evolution Characteristics of Void Fraction Induced by Coal Seam Mining	**Yuhang Wu, Yongjun Wang, Pengfei Xie, Yicheng Liao, Shouhang Gong, Yuichi Sugai, Kyuro Sasaki**

17:00-17:30 Awards Ceremony* & Closing Session (Room B)

Zoom URL: https://zoom.us/j/98144450102?pwd=ypOw8cJu7JJ0Gnw6ayDhOBAHMBU40n.1 meeting ID: 981 4445 0102, passcode: 472225

* Best Papers, Best Presentations and Best Posters will be announced at the Awards Ceremony.

Thursday, December 3, 2026, Conference Room B

International Symposium on Earth Science and Technology 2026
Organised by Cooperative International-Network for Earth Science and Technology (CINEST)

9:00-9:05 Opening Session

Zoom URL: https://zoom.us/j/98144450102?pwd=ypOw8cJu7JJ0Gnw6ayDhOBAHMBU40n.1 meeting ID: 981 4445 0102, passcode: 472225

9:00-9:05	Opening Address	**Yasuhiro Yamada, Chair of CINEST, Kyushu University**

9:05-10:05 Plenary Lecture

Chairperson: Yuichi Sugai, Kyushu University; Yasuhiro Yamada, Kyushu University, Japan

9:05-9:35	Design of Bifunctional Metal Oxide and Clay Mineral Heterostructures for Enhanced Adsorption and Photocatalytic properties	**Zukhra Kadirova (Uzbek-Japan Innovation Center of Youth, Uzbekistan)**
9:35-10:05	Current State and Challenges of Rock Mechanics and Rock/Mining Engineering in Japan	**Jun-ichi Kodama (Hokkaido University, Japan)**

9:40-9:50 Group Photo

10:05-10:40 ***Coffee Break***

Technical Sessions

10:40-12:00 Economic Geology

Zoom URL: https://zoom.us/j/98144450102?pwd=ypOw8cJu7JJ0Gnw6ayDhOBAHMBU40n.1 meeting ID: 981 4445 0102, passcode: 472225

Chairperson: Syafrizal, Institute Technology Bandung, Indonesia

B1-1	Controlling Factors of Nickel and Cobalt Enrichment in the Pomalaa Laterite Profiles, Southeast Sulawesi, Indonesia	**Muhammad Fatih Qodri, Akane Ito, Kotaro Yonezu, Saefudin Juhri, Okki Verdiansyah, Sufriadin, Elwin Elbur, Abdul Bari, Akira Imai**
B1-2	Preliminary Study on Copper Mineralization around the Tsagaan Suvarga Mine Open Pit, Dornogovi, Mongolia	**Kazushi Ohtani, Kotaro Yonezu, Bilguun Ochir, Akane Ito, Akira Imai**
B1-3	Hydrothermal Alteration and Mineralization in PGP-007 and PGP-011 of the PAGASA Porphyry Copper Prospect, Southeastern Mindanao, Philippines	**Ryosuke Taniguchi, Kotaro Yonezu, Jillian Gabo-Ratio, Eric S. Andal, Ph.D, Jose Norbiel G. Florendo, Fianza T. Lab-oyan, Maria Kristina D. Salientes, Cyren Claire S. Alimento, Jericho G. Duka, Rennes Lyn T. Diaz, Maria Kristina Salientes, Ito Akane, Akira Iami**
B1-4	Mineralogical characteristics and mineralization processes of the Bakal Pit Fe-skarn deposit, Doña Remedios Trinidad, Bulacan, Philippines	**K. Iwamoto, S. Juhri, A. Ito, K. Yonezu, Cecil Martinez, J.A Gabo-Ratio, A. Imai**

12:00~13:30 ***Break (No official lunch)***

13:30-14:50 Economic Geology_Gold

Zoom URL: https://zoom.us/j/98144450102?pwd=ypOw8cJu7JJ0Gnw6ayDhOBAHMBU40n.1 meeting ID: 981 4445 0102, passcode: 472225

Chairperson: Saefudin Juhri, Kyushu University, Japan

B2-1	Mineralogical and Geochemical Characteristics of Ratatotok Gold Deposit, North Sulawesi, Indonesia	**Husna Thoibah, Kotaro Yonezu, Saefudin Juhri, Doly Simbolon**
B2-2	Does Hydrothermal Overprinting Erase Magmatic Fertility Signatures? Evidence from the Batu Hijau Porphyry Cu-Au Deposit, Indonesia	**Agata Vanessa, Arifudin Idrus, Katsuaki Koike**
B2-3	Overprinting Epithermal Au mineralization in Guinaoang Porphyry Cu–Au System, Mankayan, Northern Luzon, Philippines	**Tomoya Yamashita, Mark Joshua Novero, Akira Imai, Kotaro Yonezu, Akane Ito, Jilian Aira Gabo-Ratio, Carlo Jones Ascaño, Joey Nelson Ayson**
B2-4	Preliminary Study on Gold Mineralization at the Epithermal Gold Deposits and Prospects of the Hoshino Area, Fukuoka Prefecture, Japan	**Jun Goto, Kotaro Yonezu, Akira Imai, Junya Oshika**

14:50~15:20 ***Coffee Break***

15:20-16:40 Geology

Zoom URL: https://zoom.us/j/98144450102?pwd=ypOw8cJu7JJ0Gnw6ayDhOBAHMBU40n.1 meeting ID: 981 4445 0102, passcode: 472225

Chairperson: Ibarra Figueroa Danilo Francisco, Kyushu University, Japan

B3-1	Depositional Environment of Sandstone at Kulen Mountain Plateau, Siem Reap Province, Cambodia	**Chy Kouyseang, Pech Sopheap, Ty Dane, Eng Chandoeun, Heng Muoy Yi, Oy Kimhouy**
B3-2	Tectono-Metamorphic Evolution of the Romblon Metamorphic Complex: Implications for Crustal Architecture and Mineral Systems in the Western Philippine Margin	**John Kenneth B. Badillo, Gabriel Theophilus V. Valera, Andrew Exequiel S. Tabilog, Betchaida D. Payot, Jillian Aira S. Gabo-Ratio**
B3-3	Geochemical Characteristics and Origin of Magnetite-Rich Soils Associated with Ultramafic Rocks in the Lojing Highlands, Kelantan, Malaysia	**Athirah Rosli, Akane Ito, Akira Imai, Kotaro Yonezu, Saefudin Juhri, Nazrin Rahman, Najmiah Rosli, Farid Najmi Rosli**
B3-4	Rare Earth Element Prospectivity Mapping of Alluvial Tin Tailings Using Integrity of Field Radiometry, Sentinel-2, Regional Geology, and Machine Learning in the Bangka-Belitung Islands, Indonesia	**Guskarnali, Mohamad Nur Heriawan, Arie Naftali Hawu Hede, Syafrizal, Komang Anggayana**

16:50-18:00 Poster Session

18:30-19:30 Banquet

Friday, December 4, 2026, Conference Room B

International Symposium on Earth Science and Technology 2026
Organised by Cooperative International-Network for Earth Science and Technology (CINEST)

Technical Sessions

10:00-11:40 Mineralogy

Zoom URL: https://zoom.us/j/98144450102?pwd=ypOw8cJu7JJ0Gnw6ayDhOBAHMBU40n.1 meeting ID: 981 4445 0102, passcode: 472225

Chairperson: Akane Ito, Kyushu University, Japan

B4-1	Preliminary Mineralogical and Textural Insights into Hydrothermally Magmatic Evolution and Hydrothermal Overprinting in Peralkaline Rocks from the Olkaria Volcanic Complex, Central Kenya Rift	**Benard Omwenga, Kotaro Yonezu, Saefudin Juhri**
B4-2	Preliminary Mineral Assemblage and Whole-rock Characteristics of HFSE Enrichment of the Guerioune Rare-metal Granitic Complex, Laouni Terrane (Central Hoggar) Algeria	**Imed Eddine Tadjerouni, Kotaro Yonezu, Akira Imai, Akane Ito, Abdelhak Boutaleb, Youcef Cherfi**
B4-3	Scandium and Rare Earth Elements in Nickel HPAL Residues: Integrated Geochemical and Mineralogical Characterization of a Secondary Resource from Morowali, Indonesia	**Fisyabillah, Andy Yahya Al Hakim, Mohamad Nur Heriawan, Syafrizal**
B4-4	Petrology and Geochemistry of Sandstone Quarries in the Southeast Phnom Kulen Plateau, Siem Reap Province, Cambodia	**Hak Sophanun, Pech Sopheap, Eng Chandoeun, Ly Rathdane, Ty Dane**
B4-5	Occurrence and Grain-size-Dependent Distribution of Gold in Sediments Deposits Derived from the Kasuga High-Sulfidation Epithermal System	**Ayaka Nakase, Akane Ito, Gen Saito, Jun-ichiro Ishibashi, Kenta Deguchi, Hisao Yoshinaga, Kotaro Yonezu, Akira Imai**

11:40~13:30 ***Break (No official lunch)***

13:30-15:10 Miscellaneous

Zoom URL: https://zoom.us/j/98144450102?pwd=ypOw8cJu7JJ0Gnw6ayDhOBAHMBU40n.1 meeting ID: 981 4445 0102, passcode: 472225

Chairperson: Kosuke Egawa, Kyushu University, Japan

B5-1	Critical Minerals Exploration in Southern Madagascar: Interpretable Deep Learning for Multi-Scale Hyperspectral and Satellite Mapping of Graphite, Copper and Manganese	**Toviana Urnissa Juanica, Natsuo Okada, Kosuke Egawa, Yoko Ohtomo, Youhei Kawamura, Keiichi Ishizu, Yasuhiro Yamada**
B5-2	Promoter Effects on Ni-Based Catalysts for Dry Reforming of Methane	**Maryam A. Abdulrazzaq, Yuichi Sugai, Takehiro Esaki, Theodora Noely Tambaria**
B5-3	Integrating Canopy Height and Geomorphometric Parameters to Predict Weathering Thickness in Ion-Adsorption REE Terrain: Case Study of the Rantedoda Block, West Sulawesi	**Aniz Amanulloh, Arie Naftali Hawu Hede**
B5-4	Influence of Oil Interfacial Chemistry and Apparent Shear Plane Selection on Modeled Carbonate Wettability Indicators for CCUS	**Amir Ubaidah, Yogarajah Elakneswaran, Kadoya Haru, Angelo Kennedy Lino Limaluka**
B5-5 Online	Preliminary Assessment of Coal-Bearing Strata for CO_2 Storage: Evidence from the Warukin Formation, South Kalimantan, Indonesia	**Nodyka Elkawi Hawinu, Muhammad Fatih Qodri**

15:10~15:40 ***Coffee Break***

15:40-17:00 Coal

Zoom URL: https://zoom.us/j/98144450102?pwd=ypOw8cJu7JJ0Gnw6ayDhOBAHMBU40n.1 meeting ID: 981 4445 0102, passcode: 472225

Chairperson: Theodora Noely Tambaria, Kyushu University, Japan

B6-1 Online	CO2 Absorption Saturation Threshold and Two-Stage Strengthening Mechanism in Carbonated Coal-Based Solid Waste Backfill	**Peng Chengkun, Ichhuy Ngo and Ma Liqiang**
B6-2 Online	Experimental and Numerical Investigation of Scale-Dependent Self-Heating of Lignite Stockpiles Using an EOET-Based Model	**Liu Juntong, Hemeng Zhang, Shijie Zhao, Zhang Bokang, Kyuro Sasaki**
B6-3 Online	Predicting Coal Pillar Spontaneous Combustion via Aging Effect Multiphysics Analysis: A Dimensionless Assessment Based on Timescale Competition	**Hemeng Zhang, Siying Kang, Xiaoli Lu, Hengxu Che, Yongjun Wang, Kyuro Sasaki**
B6-4 Online	Seasonal Background Distribution and Reference Upper Limits of Surface CO2 Flux in Non-Spontaneous-Combustion Goaf of Abandoned Coal Mine	**Yunzhu Shan, Yongjun Wang, Xiaoman Yang, Zhan Sun, Mingze Guo, Yuichi Sugai, Kyuro Sasaki**

17:00-17:30 Awards Ceremony* & Closing Session (Room B)

Zoom URL: https://zoom.us/j/98144450102?pwd=ypOw8cJu7JJ0Gnw6ayDhOBAHMBU40n.1 meeting ID: 981 4445 0102, passcode: 472225

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Thursday, December 3, 2026, Conference Room C

International Symposium on Earth Science and Technology 2026
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Technical Sessions

10:40-12:00 Geotechnical Engineering

Zoom URL: https://zoom.us/j/96872621771?pwd=QiDozi3GB8x5wtoowXOIBVCQSd27b3.1 meeting ID: 968 7262 1771, passcode: 737934

Chairperson: Sugeng Wahyudi, NITTOC CONSTRUCTION CO., LTD, Japan

C1-1	Influence of Spatial and Geomechanical Property Variability on the Stability of Waste Rock Dumps: A Probabilistic Assessment Using RLEM	**LUNA, Stephanie Ivy1, SHIMADA, Hideki, ESCOTO, Adrian, QUITO, Rogelio, BATAN, Rodante, BAT-ERDENE, Bugunei**
C1-2	Dynamic Angle of Repose and Granular Flow Dynamics of Lunar and Martian Regolith Simulants	**Takuma Ishii, Arata Kioka, Takeshi Tsuji, Mitsuhisa Baba, Kazutoshi Sakamoto**
C1-3	Ophiolite and arc-proximal heat coupling controls magnetic signature beneath Samar Island (Central Philippines)	**Glenn Y. Vallespin, Chae Ann V. Malipol, Carla B. Dimalanta, D.Sc., Jillian Aira S. Gabo-Ratio, D.Eng.**
C1-4	Mapping of Shallow Fault Damage Zones by Analyses of Drilling Loss Zones- A Case Study of Olkaria East & North-East Geothermal Fields	**Emmanuel Rutto Ngetich**

12:000~13:30 ***Break (No official lunch)***

13:30-14:50 CoPRE

Zoom URL: https://zoom.us/j/96872621771?pwd=QiDozi3GB8x5wtoowXOIBVCQSd27b3.1 meeting ID: 968 7262 1771, passcode: 737934

Chairperson:

C2-1

C2-2

C2-3

C2-4

C2-5

14:50~15:20 ***Coffee Break***

15:20-16:40 Mineral Carbonation

Zoom URL: https://zoom.us/j/96872621771?pwd=QiDozi3GB8x5wtoowXOIBVCQSd27b3.1 meeting ID: 968 7262 1771, passcode: 737934

Chairperson: Takehiro Esaki, Kyushu University, Japan

C3-1	Co-Injection Strategy of Supercritical CO2 and Water for Enhanced CO2-EGR and Storage in a Depleted Gas Reservoir	**Adeltus Novat Rweyemamu, Yuichi Sugai, Theodora Tambaria, Esaki Takeiro**
C3-2	Data-Driven Reaction-Set Optimization for Geochemical Simulation of CO_2 Mineral Trapping in Basaltic Reservoirs	**A. Nishizaki, Y. Sugai**
C3-3	Enhancing Carbon Storage in Coal Mine Goafs through Combined Injection of CO_2 Micro–Nanobubble Water, Blast Furnace Slag, and Fly Ash	**Kyosuke Suzuki, Akihiro Hamanaka, Ken-ichi Itakura, Gota Deguchi, Kazuhiro Takahashi, Jun-ichi Kodama, Yukio Hama, Ji-Hyun Kim, Takehiro Esaki, Takashi Sasaoka, Hideki Shimada**
C3-4	Ambient-Pressure Mineral Carbonation through CO_2–Water–Rock Interaction in Ultramafic Bedrock and HPAL Tailings	**Karin Nadira Dauwani, Irwan Iskandar, Lilik Eko Widodo, Salmawati**

16:50-18:00 Poster Session

18:30-19:30 Banquet

Friday, December 4, 2026, Conference Room C

International Symposium on Earth Science and Technology 2026
Organised by Cooperative International-Network for Earth Science and Technology (CINEST)

Technical Sessions

10:00-11:40 Water Treatment

Zoom URL: https://zoom.us/j/96872621771?pwd=QiDozi3GB8x5wtoowXOIBVCQSd27b3.1 meeting ID: 968 7262 1771, passcode: 737934

Chairperson: Shinji Matsumoto, National Institute of Advanced Industrial Science and Technology, Japan

C4-1	Mechanistic Insights into Coupled As(III) Oxidation and Cr(VI) Reduction by Cr(VI)-loaded Fe-sludge	**Ichigo Fukumoto, Peiyu Liu and Naoko Okibe**
C4-2	Geochemical Controls and Reactive Transport in Near-Neutral Uranium In-Situ Recovery: Environmental Considerations	**Patrycja Sanecka, Patrice Creux, Sébastien Hocquet**
C4-3	The hydrogeochemistry of thermal and non-thermal waters at Rukwa Rift Basin, Southwestern Tanzania. Implication to geothermal resources potential	**Ariph Ole Kimani, Kotaro Yonezu, Saefudin Juhri, Albano Mahecha, Obedi Lemna, Ernest Mulaya**
C4-4 Online	Mixed Waste Seashells as a Green Adsorbent for Water Quality Improvement: Removal and Stabilization of Toxic Metals	**Airi Matsushita, Rara Murakami, Frances Chikanda, Walubita Mufalo**
C4-5 Online	Comparative Adsorption of Cerium(III) and Yttrium(III) on Untreated Coal Fly Ash and Coconut-Shell Activated Carbon under Acidic Conditions	**Sendy DWIKI, Intan Nurul RIZKI, Aprilia F. RAMADANI, Abdul KHOLIK, Ginting Jalu KUSUMA**

11:20~13:30 ***Break (No official lunch)***

13:30-15:10 Geophysics

Zoom URL: https://zoom.us/j/96872621771?pwd=QiDozi3GB8x5wtoowXOIBVCQSd27b3.1 meeting ID: 968 7262 1771, passcode: 737934

Chairperson: Tatsunori Ikeda, Kyushu University, Japan

C5-1	Integrated Analysis of Structural Controls on the Te Tuek Pus Geothermal System, Kampong Speu Province, Cambodia, Using Remote Sensing and Seismic Refraction Tomography	**Samphet CHUON, Chandoeun ENG, Muoy Yi HENG**
C5-2	Investigation of The Shallow Geological Structure at Kbal Spean, Kulen Area Using Seismic Refraction Tomography (SRT)	**Khut Phalla, Heng Muoyyi, Eng Chandoeun**
C5-3	Detection of artisanal gold mining extraction sites over Tamaya and Tasiast in Mauritania based on spatial heterogeneity of SAR backscatter	**Mohamed Mamoune Maha, Atsushi Sainoki, Norikazu Shimizu**
C5-4 Online	UAV-Assisted Selection of Field Observation Sites Using Multispectral Vegetation Indices: A Preliminary Maize Field Study	**Jieling Wu, Takamitsu Kurusu, Kazuo Ishii, Bishnu Prasad Gautam**
C5-5 Online	GIS-Based Comparative Screening of River Corridors for UAV Operations in the Lake Suwa Basin	**Shouyi Gao, Jieling Wu**

15:10~15:40 ***Coffee Break***

15:40-17:00 Mining

Zoom URL: https://zoom.us/j/96872621771?pwd=QiDozi3GB8x5wtoowXOIBVCQSd27b3.1 meeting ID: 968 7262 1771, passcode: 737934

Chairperson: Takashi Sasaoka, Kyushu University, Japan

C6-1	Ore Blending Optimization Strategy to Increase Revenue Based on the HPM Formula of Kepmen 144K/MB.01/MEM.B/2026 Using Python-based Genetic Algorithm: A Case Study at PT Gag Nikel	**Gembong S Wibowo0, Mifta Adhi Rohman, Elis Nathania Carisawati Nisa, Firly R Baskoro**
C6-2 Online	Strategic Decision-Making in Nickel Laterite Mining: A Techno-Economic and Risk-Benefit Analysis of Owner versus Contract Mining	**Hanif Ikhsan Pratama, Firly Rachmaditya Baskoro, Fadhila Achmadi Rosyid**
C6-3 Online	Economic Analysis and Royalty Tariff Optimization under Indonesia's Revised Mineral Benchmark Pricing Regulation: Evidence from a Lateritic Nickel Mining Project	**Rafi Naufal Syah, Nashaura Jilan A. Adityawarman, Firly Rachmaditya Baskoro, Fadhila Achmadi Rosyid**
C6-4 Online	Evaluation of the Convective Heat Transfer Coefficient in a Laboratory-Scale Mine Tunnel Using the Computational Fluid Dynamics Method with Variations in Virgin Rock Temperature, Wall Roughness, and Inlet Air Velocity	**Yudi Arya Wiguna, Nuhindro Priagung Widodo, Ririn Yulianti**

17:00-17:30 Awards Ceremony* & Closing Session (Room B)

Zoom URL: https://zoom.us/j/98144450102?pwd=ypOw8cJu7JJ0Gnw6ayDhOBAHMBU40n.1 meeting ID: 981 4445 0102, passcode: 472225

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