

19-20

SEPT 2022



FINAL PROGRAM

Global Conference on
**GEOLOGY AND
EARTH SCIENCE**

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DAY 01

MONDAY, SEPTEMBER 19

KEYNOTE PRESENTATIONS

GMT Timings	Local Timings	
09:30 - 10:00		AV Check
10:00 - 10:10		Introduction
10:10-10:50	19:10-19:50	Shozo Yanagida, Osaka University, Japan Title: Carbon dioxide is by no means the cause of climate change, and solar radio radiation causes climate change. Forecast / Verification by Quantum Chemistry Molecular Modeling.
10:50-11:30	19:50-20:30	Takaji Kokusho, Chuo University, Japan Title: Energy Demand in Surface Soils for Earthquake Engineering based on Vertical Array Strong Motion Records.
11:30-12:10	14:30-15:10	Aaron Yair, Hebrew University in Jerusalem, Israel Title: Contrasting hydrological regimes in two adjoining semi-arid area, with low rain intensities.
12:10-12:50	08:10-08:50	Myint Win Bo, Bo & Associates Inc., Canada Title: Advancement of geotechnical engineering.

ORAL PRESENTATIONS

12:50-13:10	22:50-23:10	Saeed Aligholi, Federation University Australia, Australia Title: Automated mineral identification and its applications in rock mechanics
13:10-13:30	15:10-15:30	Kamilla Pawlowska, Adam Mickiewicz University in Poznan, Poland Title: Animals embedded in quaternary environments
13:30-13:50	20:30-20:50	Mokhamad Nur Cahyadi, Institut Teknologi Sepuluh Nopember (ITS), Indonesia Title: Monitoring of deformation, space observation, and socio-economic impacts due to the 2021 eruption of mount semeru by using geospatial
13:50-14:10	16:50-17:10	Irina Shtangeeva, St. Petersburg state University, Russian Federation Title: Biogeochemistry of new potential toxic trace elements
14:10-14:30	16:10-16:30	Recep Celik, Dicle University, Turkey Title: Assignment of groundwater vulnerability by GIS based DRASTIC method, a case study; determination of Diyarbakir's Basalts aquifer pollution risk
14:30-14:50	16:30-16:50	Mabrouk Sami, Minia University, Egypt Title: Using the monazite U-Th-Pb geochronology for dating the highly fractionated rare metal granites.

14:50-15:10	16:50-17:10	Tugbanur Ozen Balaban, University of Izmir Katip Celebi, Turkey Title: Water-rock interaction and hydrothermal equilibria in the Pertek (Tunceli, Turkey) geothermal system.
15:10-15:30	20:40-21:00	Ranjan Ramasamy, University of Jaffna, Sri Lanka Title: Increasing salinisation and pollution of groundwater resources in a tropical peninsula – causes and implications for human well-being
15:30-15:50	17:30-17:50	Ahmed Hosny, National Research Institute of Astronomy and Geophysic (NRIAG), Egypt Title: Moho undulations and high Poisson's ratio beneath volcanic areas, west of Saudi Arabia: indication of asymmetric lithospheric uplift
15:50-16:10	18:50-19:10	Dmytro Rudakov, Dnipro University of Technology, Ukraine Title: Evaluation of the potential and efficiency of geothermal system performance in closed mines
16:10-16:40	21:40-22:10	Sudip Basack, Elitte College of Engineering, India Chritartha Goswami, North eastern Regional Institute of Science and Technology, India Title: Soft ground improvement techniques: theoretical, laboratory and field based investigations
16:40-17:00	18:40-19:00	Khaled Said Gemal, Zagazig University, Egypt Title: Sustainability of groundwater resources in the Nile delta under the impact of climatic changes: challenges and future directions.
17:00-17:20	18:00-18:20	Angue Minto Charlie Morelle, Ecole Normale Supérieure, Gabon Title: Retreat of the mangrove and risk of marine submersion: the case of Libreville
17:20-17:40	21:50-22:10	Ali Akbar Daya, University of Sistan and Baluchestan, Iran (Islamic Republic of) Title: Application of fractal methods for separating geochemical anomalies from background.
17:40-18:00	22:10-22:30	Abolfazl Rezaei, Institute for Advanced Studies in Basic Sciences (IASBS), Iran (Islamic Republic of) Title: Reactive contaminant transport modeling in a filled-fractured system with intervening rock matrices: Case examples of tritium and uranium
18:00-18:20	23:00-23:20	Zainab Naeem, Fatima Jinnah Women University, Pakistan Title: Correlation of earthquake precursors with soil physico-chemical parameters
18:20-18:40	20:20-20:40	Khalid S Essa, Cairo University, Egypt Title: Global particle swarm optimization method for gravity data interpretation.
18:40-19:00	20:40-21:00	Ashraf Adly, National Research Institute of Astronomy and Geophysic (NRIAG), Egypt Title: Site specific probabilistic seismic hazard for New Malloway, Egypt

POSTER PRESENTATION

19:00-19:10	16:00-16:10	Veronica Florencia Lutri, National University of Río Cuarto and National Council of Scientific and Technical Research (CONICET), Argentina Title: Groundwater pollution by herbicides in the Pampean plain, hydrogeological features related and
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DAY 02

TUESDAY, SEPTEMBER 20

KEYNOTE PRESENTATIONS

GMT Timings	Local Timings	
09:30 - 10:00		AV Check
		Jillian Huntley, GCSCR and ARCHE, Griffith University, Australia
10:00-10:40	20:10-20:50	Title: Salt in the wound: Rock art degradation and climate change in the Australasian Monsoon Domain
		Giorgio S Senesi, CNR - Istituto per la Scienza e Tecnologia dei Plasmi (ISTP), Italy
10:40-11:20	12:40-13:20	Title: A powerful analytical tool for geosciences, environmental systems and their potential contaminants: Laser-Induced Breakdown Spectroscopy
		Roman Alvarez, National Autonomous University of Mexico (UNAM), Mexico
11:20-12:00	06:20-07:00	Title: Visualizing the plumbing system of hunga tonga hunga haapai volcano, tonga
		Peddada Jagadeeswara Rao, RGUKT (IIIT), Srikakulam campus, Andhra Pradesh, India
12:00-12:40	17:30-18:10	Title: Sustainable groundwater management in greater Visakhapatnam Municipal Corporation, andhra pradesh- a hydro-informatics

ORAL PRESENTATIONS

		Yetong Wang, University of Chinese Academy of Sciences, China
12:40-13:00	20:40-21:00	Title: Detrital Zircon U-Pb Dating and Geochemistry of the Paleogene-Neogene sediments in the Qaidam Basin (China): Implications for Provenance and Tectonics
		Naser Golsanami, Shandong University of Science and Technology, China
13:00-13:20	21:00-21:20	Title: Investigating the impact of clay minerals on the fluid flow of sandstone hydrocarbon reservoirs based on LBM
		Simon Peter Michaux, Geological Survey of Finland, Finland
13:20-13:40	16:20-16:40	Title: Minerals are the new oil
		Saikat Sengupta, Indian Institute of Tropical Meteorology, India
13:40-14:00	19:10-19:30	Title: Understanding daily/monthly scale variation in hydro-meteorological processes during Indian Summer Monsoon through observed and model water isotope data
		Elena Ivanova, Shirshov Institute of Oceanology, Russian Federation
14:00-14:20	17:00-17:20	Title: The deep-sea terrigenous and calcareous contourites as records of the Neogene-Quaternary bottom water circulation in the South-Western Atlantic

14:20-14:40	19:50-20:10	Debashish Sengupta, Indian Institute of technology Kharagpur, India Title: Potential rare earth resource estimation based on thorium exploration in the eastern coastal part of India using thermal imagery and instrumental neutron activation analysis
14:40-15:00	20:10-20:30	Prijitha R G, CORAL, Indian Institute of Technology Kharagpur, India Title: The Indian monsoon rainfall and associated climate drivers
15:00-15:20	16:00-16:20	Nesrine Frifita, University of Gabes, Tunisia Title: Applied geophysics using gravity and electrical resistivity method to study deep and shallow structures related to aquifers system
15:20-15:40	16:20-16:40	Youssef Taib, Cadi Ayyad University, Morocco Title: The Taourirte Cu, Pb, Zn (\pm Ag-Au) and Ba (Western High Atlas, Morocco): example of carbonates hosted polymetallic mineralization in a polyphase magmatic context
15:40-16:00	21:10-21:30	Lala Behari Sukla, Siksha 'O' Anusandhan, India Title: Recovery of nickel and cobalt from low-grade Ni-laterite ore of Sukinda, Odisha using microorganisms
16:00-16:20	19:00-19:20	Jima Asefa, Addis Ababa University, Ethiopia Title: Magmatic intrusions and faulting play a central role in facilitating seismicity of the main Ethiopian rift (MER)
16:20-16:40	20:50-21:10	Vahed Ghiasi, Malayer University, Iran (Islamic Republic of) Title: Tunnel squeezing potential classification based on rock mechanics properties
16:40-17:00	21:10-21:30	Parisa Imani, Shahrood University, Iran (Islamic Republic of) Title: Investigating the ability of delay-time method to illustrate accurate uneven horizons on post-sliding sites
17:00-17:20	21:30-21:50	Aida H Baghanam, University of Tabriz, Iran (Islamic Republic of) Title: Deep (CNN) or shallow (FFNN) learning for statistical downscaling of climate data?
17:20-17:40	19:20-19:40	Bahia M Ben Ghawar, University of Tripoli, Libyan Arab Jamahiriya Title: Lithology investigation of Shaly sand reservoir by using wire line data, "Nubian Sandstone" Case study, SE Sirte
17:40-18:00	20:40-21:00	Aklilu Assefa Tilahun, Arba Minch University, Ethiopia Title: Impact of watershed management on vegetation cover and LULC dynamics using remote sensing in Wonba Micro-watershed, Omo Gibe Basin, Ethiopia
18:00-18:20	23:30-23:50	Arindam Dey, Indian Institute of Technology (IIT) Guwahati, India Title: Influence of digital elevation models on the simulation of rainfall-induced landslides
18:20-18:40	15:20-15:40	Lucia Helena Xavier, CETEM, Brazil Title: The urban mining challenge in recovering value from secondary material in anthropogenic stocks
18:40-19:00	20:40-21:00	S M Mahdi Niktabar, Institute of Geonics Czech Academy of Sciences, Czech Republic Title: Behavior of rock joints under cyclic loads

UPCOMING CONFERENCES

2nd Edition of Global Conference on
Geology and Earth Science
September 25-26, 2022 | Paris, France
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