

**GEOLOGY
2023**

2ND EDITION OF GLOBAL CONFERENCE ON

GEOLOGY AND EARTH SCIENCE

mg magnus
group



21-23
SEPTEMBER 2023
ONLINE EVENT

Scientific **TOPICS**

- Applied Geotechnical Engineering
- Artificial Intelligence in Geosciences
- COVID-19 & Geosciences
- Data and Analysis in 3-D or Quasi-3-D Manners
- Earth Materials, Earth Surfaces and The Earth Processes
- Earth System and Environmental Science
- Economic Geology
- Environmental Geology and Hydrogeology
- Geo-Archaeology
- Geo-Biology & Biodiversity
- Geochemistry and Geochronology
- Geodynamics
- Geoinformatics And Geo mechanics
- Geological and Geo technological Engineering
- Geology and Geodesy
- Geophysics

Our **OCMs**



MYINT WIN BO
Toronto Metropolitan
University , Canada



**KHALED SAID
GEMAIL,**
Zagazig University,
Egypt



DORRIK STOW FRSE
Heriot watt University,
United Kingdom



SHOZO YANAGIDA
Osaka University, Japan



**EMERITUS EL
HASSANE CHELLA**
Paul Sabatier Toulouse
University, France



LEONID ANISIMOV
Volgograd State University,
Russian Federation



ALEXANDER STROM
Geodynamics Research
Center, Moscow



KHORSHED ALAM
Formerly Geological Survey
of Bangladesh, Bangladesh



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TENTATIVE PROGRAM

Keynote Presentations

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| Myint Win Bo Toronto Metropolitan University, Canada | Title: Geotechnical Ground Investigation |
| Leonid Anisimov Volgograd State University, Russian Federation | Title: How subsurface waters record the earth history |
| Alexamder Strom Geodynamics Research Center – Branch of JSC Hydroproject Institute, Russian Federation | Title: Geomorphic evidence of the tectonic delamination of the upper crust in Central Tien Shan |
| Shozo Yanagida Osaka University, Japan | Title: Climate change is caused by radio emission of solar flares: Molecular modeling validation based on density functional theory |
| Lala Behari Sukla Institute of Technical Education and Research-SOA, India | Title: Bioleaching of tungsten from Hutti gold mine overburden sample using the indigenous bacteria |
| khaled said Gemail Zagazig University, Egypt | Title: Water scarcity in the arid-regions under the impact of climatic changes: Challenges and assessment for groundwater management |
| A K M Khorshed Alam Formerly Geological Survey of Bangladesh, Bangladesh | Title: Geo-information for conservation strategy of archaeological heritages in an alluvial terrain (Bangladesh) in the context of climate change |
| El Hassane Chellai Marrakech University, Morocco | Title: A walk through the alpine chain of the high atlas between Marrakech to Ouarzazat and comparison with the chain of the Pyrenees |

Keynote presentation slots are available

Oral Presentations

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| Alexey Yu Kazansky Geological Institute RAS, Russian Federation | Title: Fairy tales and facts about the environmental magnetism of the Siberian loess sequences |
| Alex Asavin Enrnadsky inst. of Geochemistry and Analytical Chemistry RAS Moscow, Russia | Title : New important source of molecular H ₂ and other hydrocarbon gases – great alkaline intrusions. Estimate by new sensor with high-resolution monitoring. |
| Evdokimov Alexandr Nikolaevich Saint-Petersburg Mining University, Russia | Title: Magmatism as a factor in the generation and redistribution of hydrocarbons in the sedimentary cover of the Barents-Kara shelf |
| Martina Gaglioti Freelance researcher, Italy | Title: Geo education exploratory learning at the interface between land and sea |

TENTATIVE PROGRAM

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| Maria Esteller Alberich Universidad Autonoma Del Estado De, Mexico | Title: Groundwater flow and transport modeling for assessing the coastal managed aquifer recharge (MAR). A case study |
| Oscar Andres Cuanalo Campos Universidad Popular Autonoma Del Estado De Puebla, Mexico | Title: Landslides. Rainfall one of the main triggering factors in the mountainous regions of Puebla, Mexico |
| Vaibhava Srivastava Banaras Hindu University, India | Title: Tectonic instability of the Son-Narmada-South Fault as major threat to dams in central India |
| Sukhdeep Kaur Panjab University, India | Title: Indian's stand on inclusive and resilient growth towards climate change |
| Hemant Kumar Geological Survey Of India, India | Title: Shear controlled quartz veins and associated mineralization in mahakoshal belt, central India |
| Ghritartha Goswami North Eastern Regional Institute of Science and Technology, India | Title: A laboratory study on the geohydraulic properties of sand under saline water submergence |
| Kalachand Sain Wadia Institute of Himalayan Geology, India | Title: Geo-hazards in the Himalaya and Plausible mitigation |
| Arun K Shandilya Dr HSG University Sagar, India | Title: The future of hydrocarbon gas reserve in vindhyan sedimenatary basin around souther bundelkhand region, South Ganga Basin, M.P. India |
| Ali Almohammed Pandit Deendayal Energy University, India | Title: Linking between color and element concentration for fluorite: An optical spectroscopic approach |
| Priyank Mandal Indian Institute of Technology, India | Title: Peak ground acceleration prediction for India using the gradient boosting xgboost algorithm |
| Rajkumar Ghosh IIST, Shibppur, India | Title: Water shortage in the Gomti Nagar area as a result of climate change, as well as an assessment of groundwater management |
| Zhongsheng Guo Institute of Soil and Water Conservation, China | Title: Sustainable utilization of land resources and high-quality development |
| S M Mahdi Niktabar Institute of Geonics Czech Academy of Sciences, Czechia | Title: Effect of infill thickness in the joint under cyclic loads |
| Mohamed National Oil Corporation, Libyan Arab Jamahiriya | Title: Applications of multivariate statistical methods on geochemical data to evaluate the hydrocarbons source rocks and oils from ghadames basin, NW Libya |
| Tarek Hodairi National Oil Corporation (NOC), Libyan Arab Jamahiriya | Title: Geochemical investigation, oil-oil and oil-source rock correlation in the Murzuq Basin, Libya |

TENTATIVE PROGRAM

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| Naoufal Sidi Mohamed Ben Abdellah University, Morocco | Title: The use of remote sensing for the extraction of lineaments and mineral occurrences from the Mesozoic cover, Maghrawa region, Tazekka hercynian massif of Morocco |
| Mohamed Oukhlifa Hassan II University, Morocco | Title: Paleoenvironmental and structural factors that controlled the development and organic matter content of the deposits Cenomano-Turonians in the Tarfaya-Lagouira segment of the Atlantic Moroccan margin |
| Ricardo De Leon Universidad de Oriente, Uruguay | Title: Thermal regime of the northwestern sector of the Norte Basin, Uruguay |
| Vahed Ghiasi Malayer University - Iran | Title: Estimation of support pressure for tunneling under squeezing rock conditions |
| Vahed Ghiasi Malayer University, Iran | Title: Estimation of support pressure for tunneling under squeezing rock conditions |
| Alyaa Shakir Oleiwi University of Baghdad, Iraq | Title: The parameters discharge, salinity and dissolved loads of the Tigris River, Iraq |
| Anthony Kwabena Sarfo GIZ Resilience Against Climate Change (REACH), Ghana | Title: Towards contemporary discourse on climate change studies: Geospatial data, methods, algorithms and inherent producibility and replicability challenges |
| Oumelkhir Tunis El Manar University, Tunisia | Title: Contribution of foraminifers in biostratigraphy and paleoecology interpretations of the basal eocene from the phosphatic Sra Ouertaine basin, in the southern Tethys(Tunisia) |
| Amar Arab USTHB University, Algeria | Title: The first record of Meso-Paleo-Archean ages from the whole Hoggar, U-Pb detrital zircon ages and chemical characteristics of metaquartzites (Tadoumet area, Assodé-Issalane Terrane, South Algeria) |
| Larbi Djabri Badji Mokhtar Annaba University, Algeria | Title: Salinization process of the waters of a coastal lagoon and aquifer in Algeria |
| Sonia Bboudjabi Universite de Tebessa, Algeria | Title: Comparative effectiveness of three bio-solids on carbon sequestration in a soil located in a semi-arid region |
| Aigbedion Isaac Ambrose Alli University, Ekpoma, Nigeria | Title: Delineation of geothermal energy potentials in parts of farin ruwa flank, North Central -Nigeria using aeromagnetic and airborne gravity data. |

Oral presentation slots are available

TENTATIVE PROGRAM

Poster Presentations

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| Ravi Kikarsinha Private Indian Researcher, India | Title: A theory of great utility in earth science and space explorations |
| Phaneendra MV ONGC, India | Title: Advancements in acoustic logging and utilization in basement reservoir characterization using deep shear wave imaging to identify far borehole reflectors - A case study from Cauvery basin, India |
| Tamal Sur Department of Geology, India | Title: An insight into the effective distribution of lineaments over sheared terrains to hydraulically characterize the shear zones in hard rock aquifer system |
| Rajat Kumar Pattanaik IIT Bhubaneswar, India | Title: Landslide susceptibility assessment using frequency ratio model and analytical hierarchy process, in Mahendragiri hill ranges, Odisha |
| Mohsin Noor Department of Geology and Mining, India | Title: A note on the occurrence of first ever discovered sand fulgurite from the northwest Kashmir Himalayas, India |
| G D D Jyotsna ONGC, India | Title: Facies based permeability prediction and reservoir characterization using nuclear magnetic resonance Log in Mesozoic formation - A case study from Kutch Offshore basin, India |
| Khadija Auni Natural Hazards and Geology, Morocco | Title: The risk of flooding in the province of Tetouan (Northern Morocco) |

Poster presentation slots are available
