HIGHLIGHTS

WEBINAR (Monthly lecture Series) CONDUCTED ON VARIOUS TOPICS OF EARTH SCIENCE

Beach erosion in Kerala: Securing life of backshore residents by Dr. Thrivikramji. K.P.

Emeritus Professor of Geology, University of Kerala

Climate change and its impacts on India by Dr Sabu Joseph, Professor,

Department of Environmental Sciences, University of Kerala

Applications of Geospatial Technology in Natural resources management by Dr. Girish Gopinath,

Associate Professor and Head, Department of Climate variability and Aquatic Ecosystem,

Kerala university of Fisheries and Ocean studies

Wetlands: Significance and Economic values by Dr Arun Kumar K.S, Associate Professor,

Department of Geology, MES Ponnani College

Geochemical mapping: Methodology and Applications by Dr. Rakhi Gopal,

Senior geologist, GSI, Kolkata

Morphometric analysis and Drainage basin Signatures by Dr Anish A U, Associate Professor,

Department of Geology, Government college, Kottayam.

Mineral Exploration - UNFC Stages with special emphasis on Coal exploration by Dr Frincy

Rajalekshmi M, Director, GSI - State Unit, Kerala & Lakshadweep

Role of Geospatial Technology in Shaping the Techno-Future by Dr Suresh Francis,

Senior Scientist, KSREC

Southern granulite terrain - An Overview by Dr E Shaji, Associate professor and Head,

Department of Geology, University of Kerala

Quarternary Geology of Kerala: An Appraisal by Dr Linto Alappat, Assistant Professor and Head,

department of Geology and Environmental Science, Christ College, Irinjalakuda

Seismotectonics of North east India and Role of GSI in Seismic Hazard studies by

Mr. Arun Bhadran, Senior Geologist, Earthquake division, GSI NE region- Shillong

A Geospatial Analysis of Recent Major landslides in Kerala by Ms. Vineetha P, Assistant Professor, IUCGIST, University of Kerala

Integrated groundwater management: Concepts, approaches, challenges and status by Dr Raicy MC, Scientist B, CWRDM

Geology of Uranium deposits: Indian and Global Scenario by Dr. Akshaya Kumar Sarangi

Former Exec. Dir. (Proj) Uranium Corporation of India Limited

Introduction to Micropaleontology and its applications by Rachna pillai

Senior geologist, Marine & Coastal Survey division, GSI, Kolkata

Material culture of Iron Age- Early historic periods of Kerala by Dr. jaseera C.M

Academic Councellor, IGNOU study centre, Trivandrum, Kerala

Diamond exploration Techniques by Sufija M.V, Director, GSI, Madhyapradesh, Jabalpur

Applications of Geomorphic indices in neotectonic investigations by Dr. Aju C.D,

Post doctoral fellow (KSCSTE, Dept. of Climate variability & Aquatic ecosystem, Kufos, Kochi.

Landscape ecology analysis of Wayanad wild life sanctuary: A GIS based decisionsupport system for biodiversity management by Dr. Vineetha P, Assistant professsor (Contract), IUCGIST, Inter university centre for geospatial information science and technology, University of Kearala

Environmental Radon: Health implications and tracer for hydrogeological and geological studies by Dr Sabu Joseph, Professor, Department of Environmental Sciences, University of Kerala.





THE NEWS LETTER OF GEOLOGICAL SOCIETY OF KERALA

Volume 1/No.1/April 2023



The Geological Society of Kerala is an association of active geologists of Kerala State, India. The society provides a friendly platform for active and enthusiastic geologists of Kerala to share their geoscientific findings, observations, interpretations, experiences for the benefit of the society in general. Further, the Society admits eligible members from the fraternity of geologists from other states of India also. The Geological Society of Kerala is a non profit making registered organization.





Vision

To promote geoscience and scientific thought for improving the quality of living and conservation of the environment, ecology, air, water, land and marine resources. To sustain Kerala as a safe, clean, stable and livable terrestrial segment.

Mission

To create a common platform for the geoscientists, teachers, researchers and students of geosciences, professional geologists and geo-resource based industrialists for sharing scientific knowledge, experiences and know-how without any bias or discrimination based on caste, religion, politics, qualification, social or economic constraints. To use geological knowledge forthe benefit of the country, without any discrimination through the popularization of the basic principles of Geology and creation of public awareness, for the conservation and management of geo-resources, and for the conservation and protection of nature and environment.



GEOLOGICAL SOCIETY OF KERALA

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Kerala, India
Email: geosocietykerala@gmail.com

Website: www.geologicalsocietyofkerala.org.in

Aims and Objectives

- •To create opportunities for the presentation of new findings, innovations, reports, explanations and interpretations in geosciences.
- •To conduct geological field works and training programmes.
- •To encourage students of geosciences.
- •To transfer knowledge, experience and expertise in geosciences to the people of Kerala.
- •To conduct seminars, workshops, webinars, etc., for knowledge sharing and to encourage studies in geosciences and to create awareness among public on geosciences, global climatic changes, conservation of environment and mitigation of natural disasters, etc.
- •To strive for the protection and conservation of Geo-heritage sites in India
- •To institute scholarships for students of geosciences based on merit and means.
- •To publish peer reviewed scientific journals and similar scientific reports.
- •To promote Geology as a course of study at school, college and University level.
- •To organize geotechnical extension works when need arises in connection with natural disasters in India.
- •To create public awareness and to organize classes on sustainable development, geo-resource management and conservation, land use optimization, conservation of surface and underground water resources, environmental protection and conservation of marine and inland resources.
- •To install awards and honours of recognition based on achievements and contributions in Geology.
- •To promote Conservation of drainage systems and landforms.
- •To promote geo-ethics and the best practices in Geology.

Membership

Any Indian citizen holding a nationally recognized degree in Geology or in closely related branches of Geology is eligible to become a member of the Geological Society of Kerala. There shall be six categories of membership in the Geological society of kerala.

Annual Membership

The Annual Membership is offered on year basis and should be renewed every year. Annual Membership fee: Rs. 1000/-.

Life Membership

Life membership is awarded to persons by recognizing their contributions to the field of Geosciences. Only the Life Members of the society are eligible to become members of the Executive Committee. Life membership/Fellowship fee: Rs. 6000/-.

Student Membership

Student membership is a temporary membership applicable only to the students (both graduate and postgraduate or similar/equivalent programmes), Research Scholars and Project Fellows and the student membership should be renewed every year. Student membership fee: Rs.200/- for students and Rs.300/- for Research Scholars and Project Fellows

Corporate Membership

Corporate membership is applicable to the Companies (both public and private companies), Boards, Enterprises, etc which should be renewed every year. Corporate Membership Fee: Rs.20,000/- (Rs.1000/- as admission fee and Rs.19000/- as Membership fee)

• Institutional Membership

Institutional Membership is offered to academic institutes, research institutes/ organizations, R & D institutes, etc which has to be renewed every year. Institutional membership Fee: Rs.10,000/- (Rs.1000/- as admission fee and Rs.9000/- as Membership fee)

Honorary Membership

Honorary membership is offered to some distinguished persons of high merit and acceptance, having extreme leadership qualities with a considerable contribution to various fields of geosciences.







From the Editors' Desk

It gives me immense pleasure to reach out to you, from the Editors' desk of the 'Lodestone', the official Newsletter of the Geological Society of Kerala. We believe that the newsletter would be a common platform for the comprehensive involvement of all members of the society and to publish their observations, opinions, contributions, achievements, etc., to the general geologic society. This newsletter also tries to reflect the activities of the society. As we know the geology plays a key role in sustaining our global food supply through identifying ideal growing areas and conditions as well as by monitoring of soil and water quality. Today, geology is used in a wide range of fields, from oil exploration and mining to weather forecasting and disaster prevention. Geology not only shapes our natural surroundings and the environment, but it also plays a significant role in the upkeeping of our health. Geology as a science has advanced significantly over the last several decades. Both state and central Governments do consult Geology fraternity to address or mitigate various terrestrial as well as aquatic challenges. The search for better geo-resources is also gaining tremendous impetus. We have to look at this with great optimism. The global geopolitical scenario is also very vibrant and sensitive. In other words, Earth Scientists have much greater responsibilities to undertake in the present world. Let us join hands for the upliftment of human kind by generating more and more geologic knowledge.

With regards,

Yours Sincerely,

Prof. (Dr.) Rajesh Reghunath

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