



PERIYAR UNIVERSITY

NAAC 'A++' Grade - State University - NIRF Rank 59 - NIRF Innovation Band of 11-50

DEPARTMENT OF GEOLOGY

UGC-NON SAP & DST-FIST Sponsored Department
Salem – 636 011, Tamil Nadu, India



DST - SERB Sponsored International Conference on ***"Climate Change and Environmental Sustainability*** ***CCES-2024"***

January 24th & 25th, 2024

Hybrid Mode



Organized by

DEPARTMENT OF GEOLOGY

UGC-NON SAP & DST-FIST Sponsored Department
Salem – 636011, Tamil Nadu, India



The present is the key to the past – James Hutton

BACKGROUND

Climate Change and its impacts have become topical issues of global news, scientific research and conferences. Environmental Sustainability is important for the wellbeing of current and future generations. Climate Change presents a variety of complex environmental, social, and economic challenges for countries across the globe. Research discussions on the interaction of climate change, geosciences and environment may often be blur, and Schmidt-Thomé et al. (2010) stated that “Often past climate changes that can be deduced from geological records may help in understanding the speed of potential climate change effects, i.e. how quickly have sea levels changed, how drastic has nature reacted to ups and downs in temperature, etc. These analyses of past events help in giving outlooks on potential changes in our living environment. It is also of important to understand the magnitude and potential effects of extreme events, such as droughts and floods”

The International Conference on “Climate Change and Environmental Sustainability - CCES-2024” aims to reflect on Earth systems, environmental processes, natural hazards and environmental sustainability, revealing the complexities of changes impacted by climate. It attempts to contribute to the ongoing discussions on climate impacts, by providing insights into some of these impacts on environmental geosciences from the perspective of local dynamic interactions with or driven by climate change. In line with this, 'Climate Change and Environmental Sustainability - CCES-2024' has been chosen as the theme for international Conference with an aim to capture the prevailing challenges and opportunities for geology discipline. CCES-2024 is expected to host around 300 delegates, from India and abroad including, geoscientist, engineers, industry professionals, NGO, and academia experts, along with leading R&D and service companies. In addition to, the various themes in geosciences have been discussed in this International Conference.

TARGET AUDIENCE

- Geologists and Geo Scientists
- Academies
- Climatologists
- Researchers and Innovators
- Agricultural Scientists
- Industries
- Students
- Ecologists
- Meteorologist
- Marine biologist
- Oceanographer
- Environmental researchers
- Business entrepreneurs
- Training institutes
- Microbiologists
- Environmental and Climate Change Policy Analysts
- Non - Governmental Organizations

PERIYAR UNIVERSITY

The Government of Tamil Nadu established Periyar University in Salem on 17th September 1997 as per the provisions of the Periyar University Act, 1997. The University covers the area comprising four districts namely Salem, Namakkal, Dharmapuri, and Krishnagiri. The University obtained 12(B) and 2(f) status from the University Grants Commission, New Delhi and it was reaccredited by the NAAC with “A++” Grade in 2021. The University secured 33rd rank among Indian Universities by MoE NIRF 2022. The University is named after the Great Social Reformer E.V. Ramasamy, affectionately called as “Thanthai Periyar”. The University aims at developing knowledge in various fields to realize the maxim inscribed in the logo “Arival Vilayum Ulagu” (Wisdom Maketh the World). “Holistic development of the students” is the primary objective of the University. Periyar University imparts higher education through three modes: Departments of Study and Research, the affiliated Colleges, and Periyar University Centre for Online and Distance Education (PUCODE). The University has 27 departments and 113 affiliated colleges.

ABOUT THE DEPARTMENT OF GEOLOGY

Periyar University, is rightly located in the mineral enriched southern granulite terrain. Salem is known as the Geologist's Paradise, Museum of Geology and Singhbhum of Tamil Nadu. The Department of Geology was established as a P.G. extension centre of University of Madras at Salem in 1984. The P.G. extension centre has been upgraded as Periyar University in the year 1997. It is one of the pioneer Department in Periyar University. M.Sc., Applied Geology, M.Phil., Geology and Ph.D., Geology programmes were started in the year 2005. The Department is supported by UGC NON-SAP & DST-FIST programme. The Department carried out research in Hydrogeology, Petrology, Geo informatic Modelling, Remote Sensing and GIS, Applied Geomorphology, Micropaleontology, Stratigraphy and Environmental Geology, Mineralogy, Sedimentology, Geochemistry, Coastal Studies, Mining Geology, Mineral Exploration and Application of Geospatial Techniques.

SALEM CITY

The name 'Salem' appears to have been derived from 'Sela' or 'Shalya' by which the term refers to the country around the hills, as in the inscriptions. Salem is one of the major Agro, Mining and Textile Centre of India. Salem hosts mining corporates such as SAIL/Salem Steel Plant, JSW-Salem Works, SAIL Refractory Company Ltd., Tamil Nadu Magnesite Limited (TANMAG), Dalmia Magnesite Corporation (DMC), Tamil Nadu Minerals Ltd (TAMIN), The Ramco Cements Ltd and India Cements Ltd (ICL). Apart from above, Salem hosts various Mining companies involved in mining Magnesite, Limestone and Granite. Salem is well connected by rail and road. Salem is 200 Kms away from Bangalore and 350 km away from Chennai. Frequent buses and trains are available from Coimbatore, Chennai and Bangalore. Nearest airport is Coimbatore Airport, which is 160 kms from Salem.

ABSTRACT AND FULL PAPER SUBMISSION

Abstract invited in MS word in 12 font size, single space in the following format: Title, authors name, affiliation and e-mail ID. Key words may be included not more than five words. The abstract should be submitted to the conference email:cces2024@gmail.com. Abstract will be reviewed for acceptance and intimated on or before the last date. A separate communication will be sent for full paper submission. Accepted papers will be published in refereed journal after review.

MODE OF PRESENTATION

Oral Presentation

- We recommend maximum 1 slide per minute of speaking time. This means approximately 10-15 slides maximum for your 15 minutes oral presentation.
- Make sure the letters on your slides are large enough
- There is no official conference template; e.g. a Power point template from your own organization.
- Please arrive well in advance of your presentation.

Poster Presentation

- Poster size is A1
- Poster orientation: vertical/portrait
- Should be readable at a distance of 2-3 meters
- Includes a reasonable amount of text and uses visual means to convey the message
- Text should include: Background, methods, findings, and conclusions
- Includes names of authors, affiliations, country, and contact information

Location of Poster

Each poster presentation will be numbered, and poster walls are numbered accordingly. Upon arrival at the conference, please notify the conference staff that you have a poster presentation. They will inform you of your poster location. We recommend attaching the poster with power strips (double sided poster tape) to the poster wall. The poster can also be attached with e.g. regular tape or blu-tack adhesive.

Best oral and poster presentation awards

3 awards of best oral presentation

3 awards of best poster presentation

IMPORTANT DATES

The last date of submission of abstract	: 15 th January, 2024
Communication of acceptance	: 20 th January, 2024
The last date of submission of full paper	: 20 th January, 2024

CONFERENCE THEMES

- Agricultural Sustainability and Climate Change
- Climate Change and Environmental Sustainability
- Ocean and Climate Change
- Biodiversity and biological Conservation
- Climate and landscape change
- Climate Hazards
- Ecology and Ecosystems
- Climate Change and Water Resources
- Global Warming
- Natural Hazards and Disaster Management
- Climate issues and challenges
- Application of Geospatial Technology in Climate change

REGISTRATION

All the participants and delegates are requested to register their names on or before 15th January 2024 using the google form link <https://forms.gle/qNjFxW7vmivYDRJ2A>. All payments have to be made in A/c. payee/demand draft /NEFT favouring of Head of the Department, Department of Geology, Periyar University, Salem - 11 payable at Salem.

BANK DETAILS

Account Number	: 8450101001411
Bank Name	: Canara Bank, Periyar University, Salem - 636011
IFSC code	: CNRB0008450

REGISTRATION FEES:

Foreign delegates	: US \$100 + GST 18%
Foreign scholars & students	: US \$50 + GST 18%
Indian delegates	: Rs. 1000 + GST 18%
Indian scholars & students	: Rs. 500 + GST 18%

Registration fee includes Conference materials, working lunch and refreshment.

ACCOMMODATION

Accommodation for delegates shall be made on request and on payment basis in the nearby hotels & guest houses on a first come first serve basis. Free accommodation is available for the students whose papers accepted for presentation at the conference.

ORGANIZING COMMITTEE

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Chairman	:	Prof. Dr. K. THANGAVEL Registrar (FAC), Periyar University
Convener	:	Prof. Dr. S. VENKATESWARAN Professor and Head
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All communications have to be sent to email: cceg2024@gmail.com