



39th CONVENTION OF INDIAN ASSOCIATION OF SEDIMENTOLOGISTS



Dec. 06th to 08th, 2023

Tamil Nadu, INDIA

International Conference on

**Voyage of Sedimentology from the Mountains
to the Oceans: An Innovative Trajectory**



IAS@AU - 2023



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MOES



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DEPARTMENT OF EARTH SCIENCES
(DST – FIST Supported)

ANNAMALAI UNIVERSITY
(Accredited with 'A+' Grade by NAAC)





39th CONVENTION OF INDIAN ASSOCIATION OF SEDIMENTOLOGISTS &

International Conference on

**Voyage of Sedimentology from the Mountains
to the Oceans: An Innovative Trajectory**

Organized by

**Department of Earth Sciences
Annamalai University
Annamalai Nagar, Chidambaram, Tamil Nadu, India**

Conveners

**Prof. T. Ramkumar
Dr. S. Vasudevan, Associate Professor**

Organizing Secretaries

**Dr. M.V. Mukesh, Associate Professor
Dr. P. Anandhan, Assistant Professor
Dr. G. Ramesh, Assistant Professor**

Venue

**Tech-Park - Auditorium
Kumararajah Muthiah Chettiar Building
Annamalai University
Annamalai Nagar
Chidambaram – 608 002, Tamil Nadu, India**





About the Conference

*We cordially invite you to the 39th Convention of the Indian Association of Sedimentologists (IAS-2023) and the **International Conference on "Voyage of Sedimentology from the Mountains to the Oceans: An Innovative Trajectory"**. The conference will be held from 6th to 8th December 2023 at Annamalai University, Chidambaram, India. We have thoughtfully selected 10 major themes that encompass diverse disciplines in the field of sedimentology, utilizing multidisciplinary approaches. Our aims is to bring experts, researchers, academicians, and professionals from the field of sedimentology together and to share their innovative research, ideas, and experiences related to sedimentary processes, environments, and resources. The conference will feature plenary sessions, keynote speeches, invited talks, oral presentations, and poster sessions on the identified themes. Post-conference field excursions will also be arranged. The conference is expected to contribute to the advancement of sedimentological research, promote sustainable utilization of sedimentary resources, and enhance our understanding of sedimentary processes and environments in these geologically and environmentally significant regions.*

Sedimentology is a multidisciplinary field that plays a crucial role in understanding Earth's history, identifying and managing energy and mineral resources, addressing environmental issues, mitigating geological hazards, studying climate change, and supporting civil engineering and construction projects. The significance of sedimentology lies in its ability to provide insights into the processes and environments that shape our planet and contribute to various practical applications with societal, economic, and environmental implications.



About the University

Annamalai University has a rich history that dates back to the early 1920s when it was founded by Rajah Sir S. R. M. Annamalai Chettiar with the aim of serving the downtrodden and promoting Tamil literature. Initially, it started as Sri Minakshi College, Sri Minakshi Tamil College, and Sri Minakshi Sanskrit College in a rural setup in Chidambaram. In 1928, Rajah Sir S. R. M. Annamalai Chettiar handed over these institutions to the local Government to establish a university. Thus, on January 1, 1929, Annamalai University was established as per the Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929). Since its inception, Annamalai University has played an incredible role in the lives of people near and far. In 2013, the Annamalai University Act 2013 (Tamil Nadu Act 20 of 2013) was passed and came into force on September 25, 2013, further strengthening the university's governance and administration.

Annamalai University is a true "University" in the sense of the term, offering a diverse range of programs under one roof and sustaining a unified education ecosystem. It is a unitary, multi-faculty institution that has evolved a time-tested system of administration to ensure seamless teaching-learning, research and innovation, and service to society. With ten diverse disciplines and forty nine departments of study, along with sports pavilions, gymnasiums, libraries, yoga/meditation halls, Annamalai University provides a fertile ground and favorable climate for learners to become well-rounded and competent individuals, rather than mere "programmed specialists." Annamalai University has been accredited with 'A+' Grade by the National Assessment and Accreditation Council (NAAC) in 2022, reflecting its commitment to academic excellence and quality education.



About the Department

The Department of Earth Sciences, established in 1953, is committed to excellence in teaching and research across various fields of Earth sciences. With a multidisciplinary approach, the Department Applies Geology concepts to benefit and contribute to the development of society. It undertakes major research projects funded by different organizations like DST, UGC, ISRO, MOES, DOD, BRNS, NLC and ONGC, and is supported by the DST-FIST scheme.

Scientific Themes

- | | | | |
|----|-----------------------------------|---|---|
| 1 | Ancient Earth | : | Unveiling the Climate & Environment of Deep Time |
| 2 | Forces Beneath | : | Exploring Tectonics & Volcano-Sedimentology |
| 3 | Life Through Layers | : | Understanding Biological Processes in Sedimentation |
| 4 | From Land to Sea | : | Decoding Continental Depositional Systems |
| 5 | Oceanic Mysteries | : | Unraveling Marine Depositional Systems |
| 6 | Shaping the Present | : | Modern Sedimentary Processes Unveiled |
| 7 | Treasures of the Earth | : | Unlocking Resources through Sedimentology |
| 8 | Earth's Vulnerability | : | Investigating Environmental & Hazard Sedimentology |
| 9 | Chemical Clues | : | Insights into Sedimentary Geochemistry |
| 10 | Cutting-Edge Sedimentology | : | Exploring New Technologies in the Field |



Abstracts and Full Papers

*The conference will feature oral presentations, poster presentations, and invited talks by renowned scientists and experts. Abstracts with a maximum limit of 500 words, formatted in A4 paper size, Times New Roman font, size-12, and spacing 1.5, with normal margins of 1" on all sides, on the proposed conference themes should be sent to the Convener /Organizing Secretary via email: ias2023conferencedoesau@gmail.com on / before **10/11/2023**.*

Poster templates should be in A0 size (118.9cm x 84.1cm) and should include the title, author(s) with affiliation(s) and email, followed by introduction, objective, methodology, results, discussion and conclusions, references, and acknowledgement.

Accepted abstracts will be published in the pre-conference abstracts volume and made available to registered delegates. Papers presented at the conference will be considered for publication in the Scopus Indexed Journal / UGC listed Journal of Indian Association of Sedimentologists. Delegates are required to submit full paper(s) in the format of the Journal of IAS to the Convener/Organizing Secretary.

*Full manuscripts should be submitted to the Convener/Organizing Secretary on or before **27th November, 2023**. The manuscripts will be scrutinized by a panel of experts for oral presentation in a special session during the convention.*



Selection of the best paper presentation will be based on the content of the manuscript (25%), documentation (25%), presentation (25%), and defense (25%). The presentation shall be of 20 minutes duration, followed by a 10-minute defense.

Young Sedimentologists Award

The Young Sedimentologists Award is open to unpublished original research works authored by research scholars and/or co-authored with their supervisor. Authors must strictly follow the guidelines available at: [http://journal.indiansedimentologists.com/ojs/index.php/1/about/submission#author Guidelines](http://journal.indiansedimentologists.com/ojs/index.php/1/about/submission#author%20Guidelines) for preparing the manuscript. Candidates should be below 35 years of age as of 1st July 2023 and must submit a date of birth certificate duly verified by the Head of the Department of the concerned Institution/University as proof of age.

Post-conference Field-excursion

Post-conference Field-excursion Options (Payment basis, open to all):

- ✓ *Coastal Geomorphology: Explore the unique mangrove forests of Pichavaram and the picturesque Pondicherry Beach.*
- ✓ *Lignite Opencast Mining, Neyveli: Gain firsthand experience of lignite mining and power generation by visiting Neyveli, home to NLC India Limited.*

Registration Fees Details and Important Dates



Registration Fees details:		Important Dates:	
IAS members	₹ 2000/-	Last date for submission of Abstract	10-11-2023
University/College/Institute Delegate	₹ 2500/-		
Industry Delegate	₹ 3000/-	Last date for submission of Full Paper	27-11-2023
Student Delegate	₹ 1500/-		
Field Trip Fee	₹ 3000/-	Last date for the submission of full paper for the Young Sedimentologists Award	15-11-2023
Accompanying Member	₹ 1000/-		
Delegates from SAARC countries	₹ 3000/-	Confirmation of Acceptance of the Abstract	12-11-2023
Foreign Delegate	US\$100	Last date for Registration fee	20-11-2023

Bank Account Details for Registration

Institution Account Name: The Registrar, Annamalai University

Account No: 621201156619

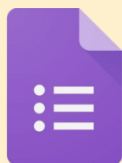
IFSC Code: ICIC0006212

Bank Name: ICICI Bank

Branch: Annamalai Nagar

Note: Indicate purpose of transaction as [“39th IAS Registration fee”](#).

Online Registration Form



<https://forms.gle/HkuD6tCaBNSyBpzA9>

Resource Persons



Prof. Ganapathy Shanmugam

Adjunct Professor
Department of Earth and
Environmental Sciences
University of Texas at
Arlington



Prof. S.M. Ramasamy

Professor of Eminence
Department of Remote
Sensing, Bharathidasan
University,
Tiruchirappalli



Prof. G. N. Nayak

President
Indian Association of
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Goa University, Goa



Prof. B P Singh

Joint Secretary
Indian Association of
Sedimentologists
BHU, Varanasi, UP



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Adviser / Scientist G
Ministry of Earth Science
Government of India



Dr. R.K. Singhal

Scientist
Analytical Chemistry
Division, Bhabha
Atomic Research Centre
Trombay, Mumbai



Prof. M E A Mondal

General Secretary
Indian Association of
Sedimentologists
AMU, Aligarh, UP



Dr. D. Gnanasundar

Sr. Joint Commissioner-
III, National Hydrology
Project, Ministry of Jal
Shakti, India



Prof. A. V. Joshi

General Secretary
Indian Association of
Sedimentologists
M.S. Baroda University,
Vadodra, Gujrat



Dr. Binita Phartiyal

Scientist-F
Birbal Sahni Institute of
Palaeosciences,
Lucknow, U.P



Resource Persons



Dr. Rajat Mazumder
Department of Applied
Geosciences, German
University of Technology
in Oman



Dr. D. Padmalal
Scientist G, Group Head,
Hydrology Group (HyG)
National Centre for Earth
Science Studies,
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Dr. S. M. Hussain
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Department of Geology
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Chennai, Tamil Nadu



Dr. K. Srinivasamoorthy
Professor
Department of Earth
Sciences, Pondicherry
University



Dr. Himanshu Bali
Assistant Professor
Department of Geology
Central University of
Tamil Nadu



Workshops

Prof. T. Ramkumar

Convener IAS@AU - 2023

Department of Earth Sciences, Annamalai University, Tamil Nadu

Workshop on:

Chemical Clues; Coastal Sediment Geochemistry



Dr. Alexander Brasier

School of Geosciences, University of Aberdeen, King's College,
Scotland, UK.

Workshop on:

How to publish in Sedimentology



Professor Daniel Ariztegui

School of Earth and Environmental Sciences, University of Geneva, Switzerland.



Lecture Titles:

1. Distinctive biotic and abiotic signatures in modern lacustrine carbonates and their application to the Earth and planetary fossil record
2. Re-discovering the subsurface biosphere: Living microbes in lacustrine sediments and their role on sedimentation
3. Amorphous calcium carbonate in biological/geological systems: An overlooked calcium carbonate polymorph?

Dr. Matthieu Cartigny

Royal Society Dorothy Hodgkin Fellow, Departments of Geography and Earth Sciences, University of Durham, United Kingdom (UK)



Lecture Titles:

1. Direct monitoring of sediment density flows on the ocean floor
2. Froude supercritical flows and their deposits

Professor Tracy Frank

Department of Earth Sciences, University of Connecticut, United States America (USA).



Lecture Titles:

1. Origin, distribution, and significance of brine in the subsurface of Antarctica
2. Pace, magnitude, and nature of terrestrial climate change through the end-Permian extinction in southeastern Gondwana.
3. Cold-water carbonates: deposition and diagenesis

Seminar Organizing Committee



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Prof. RM. Kathiresan
Vice-Chancellor
Annamalai University

Patron



Prof. R. Singaravel
Registrar
Annamalai University

Vice Patron



Dr. V. Ramaswamy
Dean, Faculty of Science
Annamalai University

Chairman



Dr. G. R. Senthilkumar
Professor and Head
Dept. of Earth Sciences
Annamalai University

Conveners



Prof. T. Ramkumar
Dept. of Earth Sciences
Annamalai University



Dr. S. Vasudevan
Dept. of Earth Sciences
Annamalai University

Organizing Secretaries



Dr. M.V. Mukesh
Dept. of Earth Sciences
Annamalai University



Dr. P. Anandhan
Dept. of Earth Sciences
Annamalai University



Dr. G. Ramesh
Dept. of Earth Sciences
Annamalai University



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Dr. N. Ganesh, Assistant Professor of Earth Sciences, AU

Dr. K. Sujatha, Assistant Professor of Earth Sciences, AU

Supporting Researchers:

Dr. P. Balamurugan, Dr. R. Selvaganapathi, Dr. G. Sathiyamoorthy

Mr. S. Baranidharan, Mr. J. Vigneshwar, Mr. P. Sivaranjan, and

Mr. S. Pravinraj

University Map



Department of Earth Sciences



Tech-Park - Auditorium



University Guest House

Contact Details

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