

About the Conference:

Earth's climate was changing slowly due to the natural causes prior to 1800 while the human induced changes were limited. Climate change is a long-term alteration in temperatures and weather patterns. Later, the main driver of climate change is human mediated activities i.e., population explosion and industrialization. The major sources of climate change are due to burning of fossil fuels including some industrial products.

The continuous emission of greenhouse gases increases the global atmospheric temperature about 1.1 (± 0.13) °C above pre-industrial era levels and the warmest year reported was 2021. The temperature is a starting point for climate change whereas it links to influence in all over the earth's climate. The atmospheric greenhouse gases built-up due to anthropogenic activities change in the climate subsequently, resulting in intense droughts, water scarcity, severe fires, rising sea levels, flooding, melting polar ice, catastrophic storms and declining biodiversity including human health. The ecosystems and communities are being affected by climate change.

The changes in the ocean due to Global Climate Change (GCC) are the continuous process. The increased absorption of atmospheric carbon dioxide by ocean increases acidity affecting the marine life including corals, and other organisms. On the other hand, rise in temperature results melting of ice cover and glaciers, which increase the sea level and finally it creates a high risk to the coastal regions. The climate change is a complex issue which is linked to each other in the earth's environments. It affects the ecological processes and threatens the security of billions of people and linked each one. It is necessary to take meaningful actions against the climate change and its subsequent problems and solutions. Therefore, it is planned to discuss the actions to be taken to protect our planet earth by Climate change linked with Ocean, Soil and Atmosphere associated Socio-cultural and Economic issues with the leading scientists, researchers, ecologists, conservation scientists, environmental scientists and policy makers in the areas of specializations. Due to these reasons, a two day "National Conference on CLIMATE CHANGE ON EARTH'S ENVIRONMENT (CCEE-2023) will be organized during 14th & 15th September, 2023 in the Department of Marine Biotechnology, Academy of Maritime Education and Training (AMET) Deemed to be University, Kanathur, Chennai, Tamil Nadu, India.

Major Scientific Themes / Thrust Areas

- | | |
|---|---|
| 1. Global Warming and Climate Change | 10. Solid Waste and Management |
| 2. Ocean Sciences | 11. Environmental Health, and Risk Assessment |
| 3. Environmental Biotechnology | 12. Natural Hazards and Disaster Management |
| 4. Environmental Toxicology and Pollution | 13. Urban Environmental Planning and Management |
| 5. Nano-Biotechnology | 14. Bio-Resources and Biodiversity Impacts |
| 6. Bioactive Natural Products | 15. Environmental Sustainability |
| 7. Bioremediation and Biodegradation | 16. GIS and Remote Sensing |
| 8. Carbon Sequestration | 17. Social, Economic and Cultural impacts |
| 9. Clean Energy Production | |

Who should attend?

Academicians / Scientists | Ph.D. & M. Phil. Researchers | U.G. & P.G. Students | Industry Experts Policy Makers

Paper Presentation : Proposed conference will be on 'Off-Line Mode' (Oral & Poster Presentations) only.

Oral Presentation: Oral presentation will be allowed to the selected papers only.

Poster Presentation

Suggested font sizes (A0 portrait): Height: 46.8 inches & Width 33.1 inches; Main title: 78 pt (bold, upper case); Author: 72 pt (bold, title case); Affiliation(s): 48 pt (normal, title case) Email address: 36 pt (bold); Subheading: 36 pt (bold upper case); Body of text: 24 pt (normal); Smaller fonts may be used in citations and acknowledgement.

Call for Abstract Submission

Authors are invited to submit original papers on thrust areas related to the conference. You must submit the original research that is not published or currently under review by any journals or conference. Abstract must first pass a double-blind peer review and if it is accepted, the abstract acceptance notification will be sent to the corresponding author within a week. Upon payment of the registration fee, your presentation will be confirmed.

About AMET University

The Academy of Maritime Education and Training (AMET) was established in the year 1993 at Chennai and elevated as a Deemed to be University during 2007. AMET is India's first Maritime Deemed University for maritime-related education, training and research. During these three decades of journey, AMET has become a Global Maritime Knowledge Hub which is suitably recognized by both National and International Authorities. AMET is ranked as one among the TOP3 Maritime Universities of the World in the PIMET ranking by the International Association of Maritime Universities (IAMU). The Directorate General of Shipping (DGS), Ministry of Shipping, Government of India has accredited AMET with Grade A1 (Outstanding) for the past five consecutive terms through its Comprehensive Inspection Programme. In addition, the National Assessment and Accreditation Council (NAAC) of India has accredited AMET with A Grade and National Board of Accreditation (NBA) has accredited selected Engineering and Management Programmes. AMET is also ranked high both in ARIIA and NIRF Ranking by the Government of India. The University is recognized as a Scientific and Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research (DSIR) Government of India. The University is offering joint degrees with world renowned Universities such as James Cook University, Australia, Edge Hill University, United Kingdom etc. With specific MoUs from major shipping companies like AP Moller Maersk and V Ships, AMET is providing appointment orders along with admission to meritorious students. Around 22,000 of our passed out graduates occupy exalted positions in Shipping Companies, globally and proudly sail all over the world spreading the message of the quality education imparted at AMET which made them to occupy such coveted ranks in Shipping Companies in India and abroad.

About The Department

The Department of Marine Biotechnology, AMET deemed to be University is established during 2008-2009 with the aim of imparting world class higher education in Marine Biotechnology. Marine Biotechnology is an important field which is still in its infancy and the scope in future is enormous. New pharmaceutical companies are focusing on developing new drugs from marine resources. The enhanced focus on aquaculture will generate thousands of jobs for the trained Marine Biotechnologists. The growing use of marine products in the food, cosmetic, and agriculture industries has created a demand that we can barely meet. The Department of Marine Biotechnology is offering M.Sc. and Ph.D. Degree Programmes in Marine Biotechnology and M.Sc Biotechnology Programme. The Department identified "biologically active molecules from marine organisms" as its core theme of approach, in teaching, research and consultancy. We have developed our course curriculum, syllabus and other prospectuses to focus on our identified emerging theme. The Department has conducted 10 exclusive workshops on techniques related to "biologically active molecules from marine organisms" at National Level. Besides we have also conducted 40 national level academic events such as conferences and seminars to disseminate the knowledge on Marine Biotechnology and Marine Microbiology. Due to the significance of Marine Biotechnology studies and its attributes to the society, AMET University is currently offering 100% Fee Waiver for students who wish to pursue M.Sc Marine Biotechnology Programme Degree in the Department of Marine Biotechnology.



NATIONAL CONFERENCE ON "CLIMATE CHANGE ON EARTH'S ENVIRONMENT" CCEE-2023

14th & 15th September, 2023

Organized by

DEPARTMENT OF MARINE BIOTECHNOLOGY



Academy of Maritime Education and Training

Deemed to be University

#135, East Coast Road, Kanathur - 603112 Chennai, Tamil Nadu, India

Tel : 91 44 2744 4625 / 627 / 628

E-mail: office@ametuniv.ac.in Website : www.ametuniv.ac.in

How to Submit

- Please submit your abstract to convenerCCEE2023@ametuniv.ac.in with a copy to ramakritinan@ametuniv.ac.in
- Submit your abstract of not more than 300 words. Please download the abstract template and you are requested to follow the format carefully for your abstract submission.
- Submit well before the submission deadline.
- Abstract will undergo a double-blind peer review after receipt. If your abstract is accepted, you will be invited to register for the conference. At least one of the authors of the paper must register for the conference on or before the deadline.

Abstract Book : Abstract book will be published with ISBN number.

Publication of Proceedings : Selected papers presented in the conference will be published in the Proceedings of CCEE-2023 with ISBN Number. The authors of selected abstracts will be invited to submit a full length paper (max. of 6 pages) for evaluation. All the accepted papers will be peer reviewed by the experts before final acceptance for publication. The author of accepted paper will receive a "Certificate of Acceptance" certifying that the paper has been accepted for publication in the conference proceedings. The proceedings of the CCEE-2023 will be published on or before January 2024. All authors will receive a soft copy of the proceedings after publication.

Contact Mobile : 9442039861, 6382672287

Awards : Awards for best Oral and Poster presentations will be given.

Important Dates

Registration and Abstract Submission Deadline:	1 st September 2023
Abstract Acceptance Notification	4 th September 2023
Registration Fee Payment Deadline	11 th September 2023
Spot Registration accepted	

Registration Fee*

Industry / R & D Institutions	Rs. 2,000/-
Academicians / Scientists / Research Associates	Rs. 1,000/-
Research Scholars	Rs. 500/-
Student & Participation Alone	Rs. 300/-
* Registration fee includes Conference Kits, Working Lunch and High Tea	

Registration Link : www.ametuniv.ac.in/CCEE2023/Registration_form_CCEE2023.docx

Accommodation will be arranged based on the request from the participants and they have to bear the expenses. The organizers will try to find places of accommodation at a cheaper rate. No TA/DA will be paid to the Participants. Further details regarding conference, registration etc., will be updated in the University website www.ametuniv.ac.in

Plenary / Invited Speakers

Dr. P. Gunasekaran	Former Vice-chancellor, VIT-Bhopal & Thiruvalluvar University, Vellore
Dr. A. Ramachandran	Professor Emeritus, Anna University, Chennai
Dr. D. Velmurugan	Professor (Research),SRM University, Chennai
Dr. K. Altaff	Professor, MBT, AMET, Chennai
Dr. R. Ramesh	Director, NCSCM, MOEFCC, Anna University, Chennai
Dr. R. Kirubakaran	DBT Consultant, MoES-NIOT, Chennai
Dr. D. Mohan	Scientist E, MoES-ICMAM, Chennai
Dr. S. Elumalai	Registrar, University of Madras, Chennai
Dr. N. Mathivanan	Professor & Director, CAS in Botany, University of Madras, Chennai
Dr. P. Anantharaman	Dean, CAS in Marine Biology, Annamalai University, Parangipettai
Dr. J.J. Prince Prakash	Scientist E, MoES-NIOT, Chennai
Dr. Joseph Selvin	Professor, Dept. of Microbiology, Pondicherry University, Pondicherry
Dr. M. Ramesh	Professor, Dept. of Zoology, Bharathiar University, Coimbatore
Dr. S. Anbumani	Scientist, CSIR-Indian Institute of Toxicology Research, Lucknow
Dr. Rohan Arthur	Trustee, Nature Conservation Foundation, Mysore
Dr. Deepak Samuel	Scientist E, National Centre for Sustainable Coastal Management, Chennai

ORGANIZING COMMITTEE

Chief Patrons :

Dr. J. Ramachandran, Chancellor, AMET University

Dr. Rajesh Ramachandran, Pro-Chancellor, AMET University

Mrs. Susheela Ramachandran, Managing Trustee, AMET University

Col. Dr. G. Thiruvasagam, Pro-Chancellor (Academics), AMET University

Patron :

Prof. Dr. V. Rajendran, Vice Chancellor, AMET University

Organizing Committee :

Dr. M. Jayaprakashvel, Registrar (i/c), AMET University

Dr. Deepa Rajesh, Vice President (Academics) - AMET University

Dr. V. Sangeetha Albin, Additional Registrar, AMET University

Dr. D. Arivazhagan, Director, Ranking and Accreditation, AMET

CONVENER

Dr. C.M. Ramakritinan, Professor & Head, Department of Marine Biotechnology

SECRETARY

Dr. M. Jayaprakashvel, Professor, MBT & Registrar i/c

TREASURER

Dr. R. Muthezhilan, Professor, MBT & Controller of Examinations

National Organizing Committee

Dr. M. Ravichandran, Secretary, Ministry of Earth Sciences, Govt. of India, New Delhi

Dr. Shailesh Nayak, Director, NIAS, Bangaluru; Former Secretary, Ministry of Earth Sciences, New Delhi

Dr. P. Gunasekaran, Former Pro-Chancellor, VIT, Chennai & Vice-Chancellor, Thiruvalluvar University, Vellore

Dr. A.K. Kumaraguru, Vice-Chancellor, NIUHE, Former Vice-Chancellor, M.S. University, Tirunelveli

Dr. S. Ramachandran, Former Vice-Chancellor, University of Madras, Chennai

Dr. T. Balasubramanian, Former Vice Chancellor, Chettinad Hospital and Research Institute, Chennai

Dr. Indrani Karunasagar, Former Director, NITTE University & Former Professor, Animal & Fisheries Sciences University, Mangalore

Dr.D. Velmurugan, Professor (Research), SRM University, Former Professor & Head, CAS in Crystallography and Biophysics, University of Madras

Dr. K. Venkataraman, Former Secretary, NBA & Member Secretary, ZSI

Dr. M. Krishnan, Vice-Chancellor, Central University of Tamilnadu, Thiruvavur

Dr. J. Kumar, Vice-Chancellor, Madurai Kamaraj University, Madurai

Dr. G. Sugumar, Vice-Chancellor, Dr. J. Jayalalthaa Fisheries University, Nagapattinam

Dr. A. Ramachandran, Emeritus Professor, Centre for Climate Change and Disaster Management, Anna University, Chennai

Dr. K. Padmakumar, Hon. Director, Centre for Marine Biodiversity, Former Pro Vice-Chancellor, KUFOS, University of Kerala

Dr. R. Ramesh, Director, NCSCM, MoEF&CC, Chennai & Former Professor, IOM, Anna University, Chennai

Dr. R. Kirubakaran, DBT Consultant & Scientist ‘G’, Former Group Head, NIOT-MoES, Chennai

Dr. Kuldeep K. Lal, Director, ICAR-Central Institute of Brackishwater Aquaculture, Chennai

Dr. A. Gopalakrishnan, Director, ICAR-Central Marine Fisheries Research Institute, Kochi

Dr. K. Ravichandran, Additional Principal Chief Conservator of Forests, MoEFCC, Andaman & Nicobar Island.

Dr. D. Mohan, Former Scientist ‘E’, MoES-ICMAM, Chennai

Dr. A. Palavesam, UGC-BSR Fellow, Manonmaniam Sundaranar University, Tirunelveli

Dr. T.T. Ajith Kumar, Principal Scientist and Scientist-in-Charge, NBFGR, Cochin

Dr. J.J. Prince Prakash, Scientist ‘E’, MoES-NIOT, Chennai

Dr. S. Elumalai, Registrar, University of Madras, Chennai

Dr. N. Mathivanan, Director & Head, CAS in Botany, University of Madras, Chennai

Dr. R. Jayakumar, Principal Scientist, ICAR-CIBA, Chennai

Dr. Nazar, Principal Scientist, ICAR-CMFRI, Chennai

Dr. R. Jeyabaskaran, Director General, Fisheries Survey of India, Mumbai

Dr. M.B. Mule, Professor & Head, BAMU, Aurangabad, Maharashtra

Dr. P. Anantharaman, Professor & Dean, CAS in Marine Biology, Annamalai University, Parangipettai

Dr. M. Ramesh, Associate Professor, Bharathiar University, Coimbatore.

Dr. R. Babu Rajendran, Professor & Head, Bharathidasan University, Tiruchirappalli.

Dr. S. Bijoy Nandan, Professor & Dean, Faculty of Marine Sciences, CUSAT, Cochin

Dr. S. Anbumani, Scientist, CSIR-Indian Institute of Toxicology, Research, Lucknow, UP

Dr. Joseph Selvin, Professor, Pondicherry University, Pondicherry

Dr. Deepak Samuel, Scientist ‘E’, National Centre for Sustainable Coastal Management, MoEFCC, Chennai

Dr. A. Balasubramani, Assistant Professor & Head i/c, DDE, Madurai Kamaraj University, Madurai

Dr. Rohan Arthur, Trustee, Nature Conservation Foundation, Mysore, Karnataka

LOCAL ORGANIZING COMMITTEE :

Prof. C.M. Ramakritinan (HEAD) (Convener), Department of Marine Biotechnology, AMET

Prof. K. Altaff, Department of Marine Biotechnology, AMET

Prof. M. Jayaprakashvel (Secretary), Department of Marine Biotechnology, AMET

Dr. R. Muthezhilan (Treasurer), Department of Marine Biotechnology, AMET

Dr. D. Arivazhagan, Director, Ranking and Accreditation, AMET

Dr. S. Jaisankar, Dean, Research, AMET

Dr. G. Rajalakshmi, Professor, MBT, AMET

Dr. L. Senthilnathan, Assistant Professor, MBT, AMET

Dr. R. Vijayaraj, Assistant Professor, MBT, AMET

1. M.Sc Marine Biotechnology Programme (100% Fee Waiver)

2. M.Sc Biotechnology Programme

ADMISSIONS FOR THE YEAR 2023 - 24 ARE OPEN

Eligibility : UG in any life Science Discipline

Toll Free Number : 1800 108 3030

Contact for Admission : +91-93443 91418 (Whatsapp)

Email : admission@ametuniv.ac.in

Facebook Link : <https://www.facebook.com/AMETInternational/>

Instagram : <https://www.instagram.com/amet.university/>

Youtube : https://www.youtube.com/channel/UC6Jzfz1MSE_QBObJmMPLzPQ/