

CCORE-
2022

The First International Conference on Climate Change and Ocean Renewable Energy

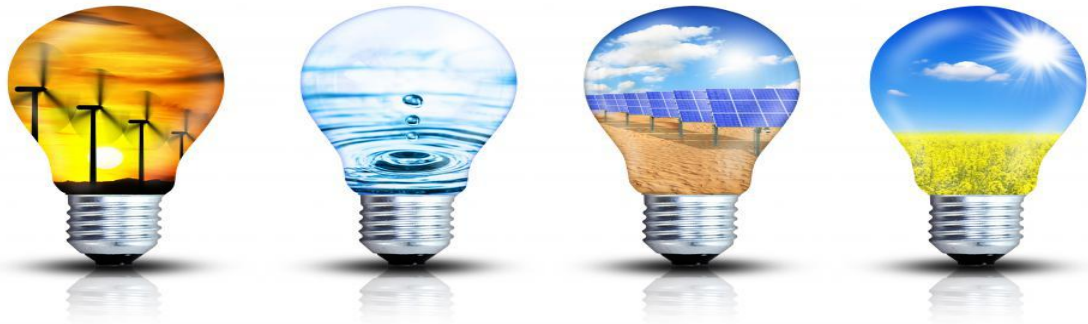


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November 4-7, 2022

**Organized by,
Centre for Marine Research and Technology,
Eduardo Mondlane University, Mozambique**





1. Introduction

Renewable-energy is energy that is collected from renewable resources that are naturally replenished on a human timescale. It includes sources such as sunlight, tides, waves, wind, rain, and geothermal heat. According to BP's-2018 Energy Outlook (EO), renewable energy will be the fastest growing source of energy, increasing fivefold by 2040 thus providing around 14% of global primary energy at this future point in time. On the other hand, climate change is bringing about rising temperatures, which have significant negative impacts on humans and the environment, and transitioning to renewable energy sources, such as biofuels, can help meet this challenge. Transitioning to renewable energy, and reducing reliance on fossil fuels, is one way to help slow down the effects of climate change. While renewables used to be a more expensive option, new clean energy technologies are lowering costs and helping to move economies away from fossil fuels.

The 1st International Conference on Climate Change and Ocean Renewable Energy (CCORE 2022) that will be held from November 4-7, 2022, ONLINE via MS Teams-Virtual conference without any physical participation. It delightfully welcomes all the researchers and developers to share their experiences and ideas through research talks and presentations from diverse fields in climate change and ocean renewable energy. This event offers a platform in bringing together a forum for students, postdocs and established scientists to exchange their ideas and contribute to an integrative approach to climate change and ocean renewable energy. The submissions can be in the form of oral presentations or poster presentations, through virtual platform. The best oral and poster presentations of each session will be honored with a certificate of merit. Selected papers after processing through blind



peer review will be considered for inclusion in the international peer-reviewed SCI/ISI journals and conference proceedings.

2. Organizers

Dr. A.M. Hogueane, Centre for Marine Research and Technology, Eduardo Mondlane University, Mozambique.

Dr. K.L. Priya, TKM College of Engineering, India.

Dr. S. Haddout, Faculty of Science, Ibn Tofail University, Kenitra, Morocco.

Dr. Joan Cecilia C. Casila, University of the Philippines Los Baños, Philippines.

Dr. G. T. Gimiliani, São Paulo State University (UNESP), Brazil.

Dr. I. Ljubenkovic, Water Development, Croatia.

Sponsor: AEIC-Academic Exchange Information Centre (China)

3. Call for papers

Prospective authors are requested to submit quality research articles on the Climate Change and Ocean Renewable Energy, and key topics can be but not limited to:

✧ Renewable energy technologies (e.g. Coastal and Offshore Wind, Waves, Tides, Ocean Currents, Salinity Gradient Power, Ocean Thermal Energy Conversion (OTEC), Hydro Power Systems (HPS)...etc.)

✧ Global environmental change and ecosystems management

✧ Prediction modeling and decision support tools

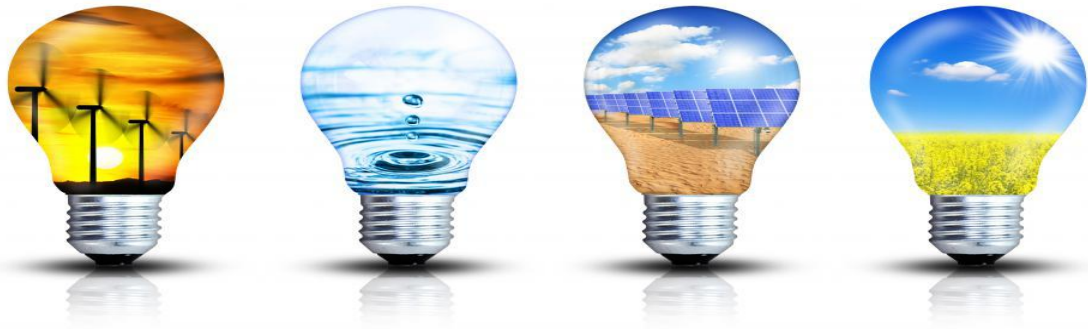
✧ Physical oceanography

✧ Intelligent integration of renewable energy technologies

✧ Global warming

✧ Ocean energy development

✧ Ocean energy policies and economics



- ✧ Climate change impacts on Ocean renewable energy
- ✧ Impact of climate change on water resources and river management
- ✧ Hydrology and climate change
- ✧ Groundwater management and climate change
- ✧ Development and utilization of Ocean Energy
- ✧ Fluid mechanics

As first edition: All Conference services are: Free of charge; No registration fee

4. Important dates

Papers submission deadline: September 20th, 2022

Acceptance notification: September 30th, 2022

Camera ready: Oct 20th, 2022

Conference dates: November 4-7, 2022

5. Submissions guidelines

Abstracts or full papers will be accepted in English and WORD 2007 (.doc) format only. Please submit your abstracts/papers to: 2022ccore@gmail.com

Accepted articles will be published in the conference proceedings which will be indexed by, Scopus, Web of Science, and other databases. Additionally, selected papers will be recommended for publication in the related SCI/ISI journals with IF.

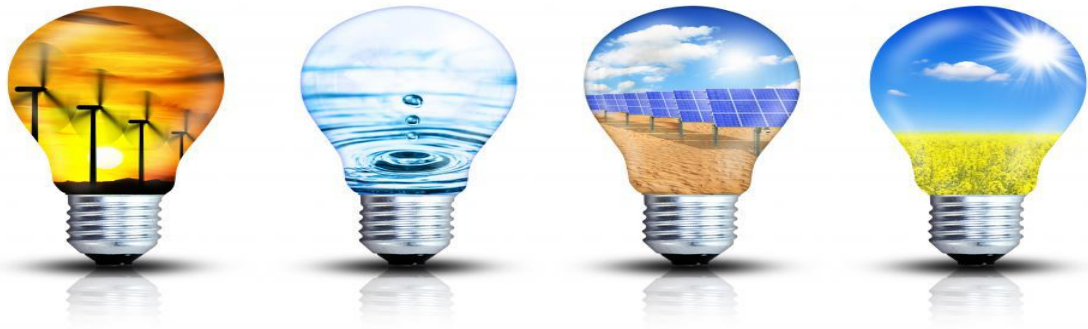


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6. Honor Committee

Dr. David Bowers,Universite of Bangor, UK.

Dr. K.L.Priya, Department of Civil Engineering, TKM College of Engineering, Kerala, India.

Dr. A.M. Hogueane,Centre for Marine Research and Technology, Eduardo Mondlane University, Mozambique

Dr. I. Ljubenkov, Water Development, Split, Croatia.

7. Technical Program Committee chair

Dr. S. Haddout, Faculty of Science, Ibn Tofail University, Kenitra, Morocco.

Dr. Joan Cecilia C. Casila, Land and Water Resources Division, IABE, CEAT, University of the Philippines Los Baños, Philippines.

Dr. G. T. Gimiliani, São Paulo State University (UNESP), Brazil.

8. International Technical Program Committee

Dr. D. G. Bowers, Universite of Bangor, UK.

Dr. D. Abessa, São Paulo State University (UNESP), Brazil.

Dr. F. Matic, Institute of oceanography and fisheries - Split, Croatia.

Dr. V. Baiju, TKM College of Engineering Kollam, India.

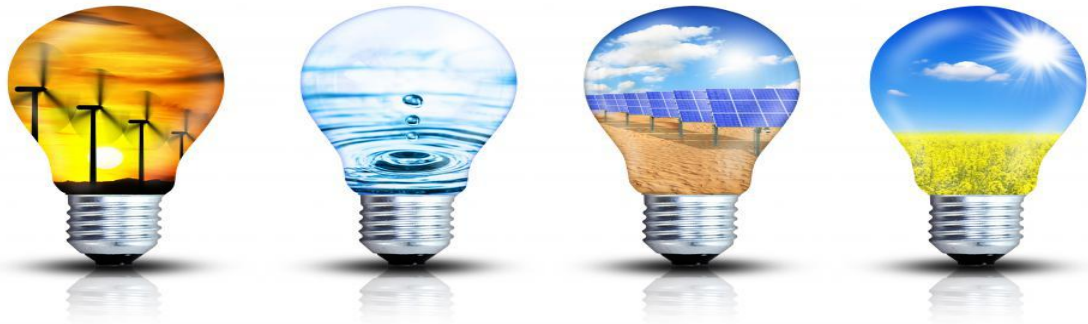
Dr. K. R.Renjith, Ecology and Environment Research Group, KSCSTE-Centre for Water Resources Development and Management, India.

Dr. C. C.Boaventura, Eduardo Mondlane University, Mozambique.

Dr. M. A. Quirapas-Franco, Energy Studies Institute, National University of Singapore.

Dr. S. Junianto, Electronic Engineering Polytechnic Institute of Surabaya (EEPIS), Indonesian.

Dr. Z. Bolatova, Department of Science and Commercialization, Almaty University of Power Engineering and Communication, Kazakhstan.



Dr. Ronaldo B. Saludes, Agrometeorology and Farm Structures Division, University of the Philippines Los Baños.

Dr. Y. Haddout, Polydisciplinary Faculty of Ouarzazate, Ibn Zohr University, Morocco.

Dr. A. Rafiki, Polydisciplinary Faculty of Ouarzazate, Ibn Zohr University, Morocco.

Dr. E. Essaghir, Faculty of Science Ain Chock, Hassan II University, Casablanca, Morocco.

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Dr. S. Mesbaholdin, Department of Industrial Engineering, Central Tehran Branch, Islamic Azad University, Tehran, Iran.

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Dr. I. Ljubenkovic, Water Development, Croatia.



9. Contact

All questions about submissions should be emailed to:

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