

The 3rd SATREPS-OTEC Forum

Date : Thursday, 9th March 2023
Time : 09:30 a.m. to 11:30 a.m. MYT (10.30 a.m. to 12.30 p.m. JPT)
Platform : Cicso Webex Meetings (Online)
Link : <https://utm.webex.com/utm/j.php?MTID=m319ed6f5baa57db831554846b395dc48>

Participants: Open Public.

Contents : Progress and prospects of joint research program by SATREPS-OTEC researchers.

Program AGENDA:

- 1. Opening Remarks (10min)**
SATREPS-OTEC Project Research Director, Prof. Dr. Yasuyuki IKEGAMI, Director, Institute of Ocean Energy, Saga University, Japan (IOES)
- 2. Keynote Lecture: Marine Water Quality and Biodiversity - Is Ocean Thermal Energy Production a Threat or a Complement? (30 min)**
SATREPS-OTEC Sub Project Leader, Dr. Fatimah Md.Yusoff, Honorary Professor, Department of Aquaculture, Faculty of Agriculture, Universiti Putra Malaysia (UPM)
- 3. Development of the UPM-UTM Ocean Thermal Energy Conversion (OTEC) Centre (15 min)**
Sub-Project Member of Facility, Ts. Dr. Mohd Khairi Abu Husain, Associate Professor, Razak Faculty of Technology & Informatics, UTM <https://razak.utm.my/>
- 4. Optimizing Hybrid Ocean Thermal Energy Conversion (15 min)**
Mr. Ahmad Aiman bin Azmi, PhD candidate at Saga University
- 5. A Step Toward Optimum Heat Exchanger Geometry for OTEC: Application of Herringbone Plate Heat Exchanger Global Correlation to Net Power Maximization (15 min)**
Dr. Kevin Davy-Erik Fontaine, Postdoctoral researcher at the Institute of Ocean Energy, Saga University (IOES) <https://www.ioes.saga-u.ac.jp/en/> <https://env.upm.edu.my/?L=en>
- 6. OTEC Commercial Plants for Carbon Net-Zero (15 min)**
SATREPS-OTEC Project Manager, Ts. Dr. Sathiabama T. Thirugnana, Director, Ocean Thermal Energy Centre, Universiti Teknologi Malaysia (UTM OTEC) <https://otec.utm.my/>
- 7. The Progress of SATREPS-OTEC Programme in Malaysia 2019-24,25 & Closing Remarks (15 min)**
SATREPS-OTEC Project Director, Prof. Dato' Ir. Dr. A Bakar Jaafar, Ocean Thermal Energy Centre, Universiti Teknologi Malaysia (UTM OTEC) <https://otec.utm.my/>