



INTERNATIONAL CONFERENCE ON SUSTAINABLE ENVIRONMENTAL TECHNOLOGIES (ICSET 2025)

Co-organized and co-hosted by Mapúa University, Philippines and National Chung Hsing University, Taiwan
In partnership with Mapúa Malayan Colleges Laguna and Mapúa Malayan Colleges Mindanao



JANUARY 20 - 23, 2025



MANILA, PHILIPPINES

CALL FOR FULL PAPER

The ICSET 2025 priority areas are:

"The 17 United Nations Sustainable Development Goals". For more information, please see the second page of this flyer.

The ICSET 2025 website (<https://icset2025.mapua.edu.ph>) provides you detailed information about the International Conference on Sustainable Environmental Technologies 2025.

For inquiries and other related messages, send email at icset2025@mapua.edu.ph.

For submission of full paper, submit to icset2025.paper@mapua.edu.ph.

Participants from academe, industry, government agencies, association of professional organizations, and non-government organizations are the target participants in ICSET 2025.

All participants are advised to register only upon receiving the Acceptance Letter from the ICSET 2025 Secretariat. All presentations must adhere to the ICSET 2025 template provided by the Secretariat, which will be distributed along with the "Letter of Acceptance". The abstract of the accepted paper will be included in the ICSET 2025 Proceedings.

The full paper will be submitted to participating journals listed on the ICSET 2025 website (<https://icset2025.mapua.edu.ph>), which are Scopus-indexed, and will undergo rigorous review and revision processes.

The dates to remember are shown below:

Submission of Full Paper: **March 01 - November 30, 2024**

Issuance of Acceptance Letters: **4 - 8 weeks**

Registration Period: **August 15, 2024 - January 15, 2025**

Criteria for Paper Selection:

1. New development usefulness for socio-economic development.
2. Follow-up research helpful for development of environmental technologies.
3. Basic research that will lead to applied research relevant to ICSET 2025 theme.
4. Shall be a collaborative work for research, development innovation.
5. Quality of writing and paper content.
6. Sustainability aspect with content showing recommended further studies.

There will be winner for best paper, best presentation, and best collaborative paper.

All submitted **full papers** will undergo peer review by the ICSET 2025 Technical Committee and the review team of the target journal.

Accepted full papers will be presented using the ICSET 2025 deck presentation template. Authors must designate a Presenter who will prepare the PowerPoint presentation for session.

The list of topics per priority areas are:

A). No Poverty, Zero Hunger; Good Health and Well – Being

- 1.Environmental Contaminants in the Swine Sector
- 2.Farm to Table Technologies
- 3.Farmland Quality Monitoring Technologies
- 4.Food Wastes Minimization Technologies
- 5.Human – Enviro Blueprint Monitoring
- 6.Paddy Soil Contamination and Treatment
- 7.Technologies Connecting Environment to Human Health
- 8.Technologies for Optimal Utilization of Farmland for Zero Hunger

B). Quality Education, Gender Equality, Reduced Inequalities

- 1.Digital Transformation Technologies in Higher Education Institutions' (HEIs) Environment
- 2.Ecosystem of Microcredentials Technologies for Environmental Sustainability
- 3.Teaching and Learning Trends, its Effects and Impacts to Environment
- 4.Technologies for Gender Equality and Reduction of Inequalities within and around HEI Environment
- 5.Technologies for Students' Engagement on Environmental Sustainability

C). Clean Water and Sanitation, Life Below Water, Sustainable Cities and Communities

- 1.Artificial Intelligence and Machine Learning for Environmental Sustainability
- 2.Below Water Resources for Sustainable Communities
- 3.Constructed, Scenic Wetland as Wastewater Treatment System
- 4.Monitoring Approaches, Strategies and Technologies for Water Quality
- 5.Sustainable Urban Planning and Smart Cities
- 6.Technologies for Digital Transformation in the Communities
- 7.Technologies for Industrial Wastewater Treatment
- 8.Technologies for Surface Water and Groundwater Quality Monitoring and Prediction
- 9.Water Resource Management and Quality Monitoring Tools in Urban and Rural Climate

D). Affordable and Clean Energy, Peace Justice and Strong Institutions, Industry Innovation and Infrastructure

- 1.Amalgamation of Human, Cyborg and Robots in the Industry, Commercial Sector
- 2.Data Storage and Management Technologies for Sustainable Infrastructure
- 3.Land Conversion Techniques, Strategies for Brownfield Sites
- 4.Industry Innovation Geared Towards Institutional, National Policy Creation
- 5.Traditional and Emerging Renewable Energy Technologies
 - a.Biomass
 - b.CSP (concentrated solar photovoltaics),
 - c.EGE (enhanced geothermal energy)
 - d.Marine/Wave
 - e.Solar, Water, Wind
 - f.Others: cellulosic ethanol, artificial photosynthesis
6. Technologies for Grid and Off-grid Energy Storage and Supplies

E). Decent Work and Economic Growth, Responsible Consumption and Production, Climate Action, Life on Land

- 1.Additive Manufacturing for Industry 4.0 and Beyond
- 2.Green Technologies in Manufacturing
- 3.Carbon and other GHG (green house gas) Capture and Storage
- 4.Carbon Emission Reduction by Green Technologies
- 5.Circular Economy and Sustainable Supply Chains
- 6.Disaster Risks Reduction and Adaptation Technologies
- 7.Financial Technologies as Tools for Enviro-Socio-Economic (ESE) Development
- 8.Ocean Resources Harvesting Technologies for Life on Land
- 9.Impacts of Climate Change on Biodiversity and Ecosystems
- 10.Technologies for Climate Adaptation and Resiliency
- 11.Waste Recycling, Regeneration Technologies

F.) Other Environmental Technologies



JOIN US!

Email us thru: icset2025@mapua.edu.ph

More Information: <https://icset2025.mapua.edu.ph>