

Preface

The International Conference on Science and Technology Applications in Climate Change (STACLIM) is one of the flagship events organised biennially by the Institute of Climate Change (IPI), Universiti Kebangsaan Malaysia (UKM), which gathers researchers and practitioners dedicated to the advancement of knowledge and innovations in the climate change field.

With no exception, the IPI UKM hosted this conference for the 6th time and physically in the Raia Hotel Convention Centre on 3 – 5 Sept 2024, supported by the UKM-YSD Chair for Sustainability and Pusat Strategi UKM. Under the theme of “Feeding the Future: Integrating Science into Climate Solutions”, up to 5 tracks are carefully selected to reflect the multidisciplinary nature of the field.

Presented research work in the STACLIM 2024 was invited to submit in this conference proceedings published by E3S. In these conference proceedings, participants could find information on 5 main tracks, namely (1) Climate, Emission and Pollution (CEP), (2) Water and Food Security (WFS), (3) Land and Forest (LF), (4) Advance and Emerging Technology (AET), and (5) Community Climate Resilience and Adaptation (CCRA). The proceeding is more than just a guide for the conference but could serve as a roadmap to acquire new knowledge and expand collaboration networks. Hope that you have a pleasant read on the latest technology and innovation for the field of climate change through this proceedings.