

Foreword from the Chairman of Organizing Committee

The International Conference on Tropical Studies and Its Application (ICTROPS) annual conference in November 9, 2017, is organized by Universitas Mulawarman in collaboration with Islamic Development Bank (IDB) and Ministry of Research, Technology, and Higher Education of The Republic of Indonesia. ICTROPS 2017 offers generous opportunities for renowned researchers and Industries across the globe to share ideas and knowledge especially in the area of Tropical Studies. The conference also aims to exchange information and networking among researchers and industries, in particular the member of the 4 in 1 consortium (Universitas Mulawarman, Universitas Sultan Ageng Tirtayasa, Universitas Jember and Universitas Negeri Malang).

ICTROPS 2017 with a theme “Tropical Studies and Application for Better Life” covers all key areas in Germ Plasm (Diversity), Ecosystem and Environmental Engineering, Ecological Integrity and Environmental Issue, Biodiversity Mapping, Natural and Basic Science in Tropical Studies, Biomaterial, Biotechnology and Renewable Energy, and Forestry.

For ICTROPS 2017, we received a large number of abstracts and there are 126 accepted abstracts for 103 oral presentations and 22 poster presentations. After peer review process, 68 papers were selected for publication in IOP conference series: Earth and Environmental Science.

On behalf of the organizing committee, I would like to thank all the reviewers for the effort, time and expertise in reviewing the papers to ensure the high quality and standard of peer-reviewed papers. Lastly, we also like to greatly thank all of the proceeding team for their hard work and constant dedication in preparing the proceeding through a long time process.

Dr. Rahmat Gunawan, M.Si
Chair of Organizing Committee

