



Preface

The 1st International Conference on Assessment and Development of Agricultural Innovation (1st ICADAI), was held virtually during two days, from Tuesday, 6 to Wednesday, 7 July 2021. The conference was organized by Indonesian Center for Agriculture Technology Assessment and Development (ICATAD)-Agency for Agricultural Research and Development (IAARD)-Ministry of Agriculture, Republic of Indonesia, in collaboration with several scientist organizations such as; Indonesian Researcher Union (Himpindo), Indonesian Society of Agronomy (Peragi), Indonesian Plant Breeding Science Society (Peripi), Indonesian Society of Agricultural Economics (Perhepi), Indonesian Association of Agricultural Meteorology (Perhimpi).

The main theme of conference is Strengthening Agricultural Innovation and Dissemination to Achieve Sustainable Development. There were more than 500 participants, consisting of scientists, academicians, policy makers, NGO's, students, entrepreneurs, government officials, and agriculture practitioners from 12 countries. There were many fruitful discussions and knowledge exchanges in the topic of agricultural innovation and dissemination that contributed to the success of the conference.

The keynote speech was delivered by Minister of Agriculture then continued by five plenary lectures covering the different areas of the conference: (i) Dr. Peter Horne (GM Country Programs ACIAR) talked on The Role of Agricultural Innovation in Rural Development (Cross Countries Study), (ii) Prof. I Komang G. Wiryawan (Bogor University, IPB) on The Role of Feed Innovation To Support Animal Protein Self-Sufficiency, (iii) Prof. Wendy J. Umberger (University of Adelaide) who was represented by Dr Peter Horne at once presentation about Market and Business orientation of agricultural product to robust economic growth, (iv) Assoc. Prof. Elske Van de Fliert (University of Queensland) Trans disciplinary research for development – Transformation needed in RD&E function to achieve sustainable impact in farmer field, and (v) Prof. Michael Madukwe(University of Nigeria Nsukka) Innovation system approach to agricultural development.

The total number of 185 manuscripts were presented in the first and second day forming the heart of the conference and providing ample opportunity for discussions. The manuscripts were divided almost equally into five sub themes, i.e., Plant Science, Agricultural Social Economics and Policy, Integrated Farming, Agricultural Environtment and Engineering and Agricultural Technology Transfer.



1st ICADAI 2021

All in all, the first ICADAI conference was very successful. The plenary lectures and the parallel sessions in 5 sub themes bridged the gap between the different fields of participants, making it possible for non-experts in a given area to gain insight into new areas. Also, included among the speakers were several young scientists, who brought new perspectives to their fields.

These proceeding provides a written record of the synergy that already exists between these communities, and represents a solid framework from which new interaction will result in the future.

Chairman of 1st ICADAI 2021,

Dr. Chandra Indrawanto