

1st International Conference on Agriculture, Natural Resources, and Rural Development (ICANaRD) 2021



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Preface

We are very happy to bring you the proceedings of the first International Conference of Agriculture, Natural Resources, and Rural Development (ICANaRD). This conference is intended to maintain knowledge exchange on policy support that allows for improving resource management for agricultural competitiveness towards progressive, self-reliance, and modern agriculture. The theme of 1st ICANaRD is "Enhancing Agricultural Competitiveness through Better Resource Management for Farmers' Welfare" to address critical issues, innovative methods, and accountable measures to formulate strong policy support for sustainable and inclusive agricultural development. The conference was held virtually on 27-28 July 2021, hosted by the Indonesian Center for Agriculture Socio Economic and Policy Studies (ICASEPS), Ministry of Agriculture. The conference was organized in collaboration with the Indonesian Society of Agricultural Economics (ISAE).

Agriculture and rural sector remain to be major economic drivers at which agricultural producers and rural economies need to be supported through appropriate policies. Policy support should allow a fair agricultural product competitiveness, both for local markets and for global trade. With all challenges faced by stakeholders in rural areas, the availability of resources needs to be inclusively managed to meet the right balance between economic growth, poverty reduction, and environmental sustainability. High recognition on this condition would lead to key elements as foundation to recreate appropriate policy, institutional role, and financial support to promote agricultural resource competitiveness for sustainable and inclusive development of rural sector.

The theme of 1st ICANaRD is "Enhancing Agricultural Competitiveness through Better Resource Management for Farmers' Welfare". During the two days event, the conference presents invited speakers from international organizations (IFPRI, OECD, ACIAR) and Universities (Australian National University, Adelaide University) to frame the conference as well as to share thoughts and knowledge on the three sub-themes: (1) Innovation and Resource Management to Support Agricultural Sustainability; (2) Agribusiness Value Chain, Competitiveness, and Global Trade to Increase Agricultural-based Product Exports and (3) Dynamics of Rural Socioeconomic for Inclusive Agricultural Development.

With expressing experiences and analyses from different angles, various sound policy recommendation in respect to the conference theme have been drawn for the interest of all concerned. The outbreak of coronavirus since 2020 has been vastly scattered and extremely influence almost all aspects of human life. Agricultural sector has also been affected with quite large of disadvantages. Concern on the current health situation and its impact in agricultural sector, the influence of pandemic COVID-19 has also been raised in any of the topics of this conference. Its impact on efforts to accelerate improvement of agricultural competitiveness would be valuable in addressing agricultural sustainability.

Around 200 abstracts were accepted by the organizers and only 138 were accepted and qualified for the full paper. All of these papers have been through rigorous review by the ICANaRD Science Committee providing critical comments and corrections, and have contributed substantially to the improvement of the quality of the papers. This is important to meet the requirements of international publication standard and IOP Scope. There were finally 113 papers presented on the parallel session during the two days of the conference. The organizers managed to conduct 5 parallel sessions for such selected papers which eventually resulted in 112 papers that were worthy of publication.

Holding a conference during the COVID-19 pandemic requires a series of hard work to bring the most advanced technology at all stages of the conference. The 1st ICANaRD 2021 event is virtually implemented with a model that all invited speakers are given time to present their material for about 30-40 minutes each. It then followed by a question and answer by the participants with a direct questioning system, and through chat feature with Q&A forums provided by the zoom application. Moreover, the presentations were organized through recorded materials followed by live Q&A along with chat feature of the virtual meeting. It was recorded that about 700 participants were attended the conference during the first day and more than 400 during the second day.

We would like to extend our sincere thanks to all Science Committee members who come from Japan, Korea, Malaysia, Philippines, Thailand, United Kingdom, and Indonesia as well as authors who contribute significant thoughts and ideas through the papers written in collaboration with respective counterparts not only from Indonesia but also from different countries, such as those from Australia, Canada, Cambodia, Malaysia, Philippines, Thailand, and USA.

We also want to thank the publisher for publishing the proceedings. May the readers could enjoy the gain some valuable knowledge from it. We are expecting more and more experts and scholars from all over the world to join this international event in the future.

Chair of the Organizing Committee

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