

3. Organizer(s) & Convener

20th WORLD

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Paddy Soils-New Approaches in Paddy Soil Management for Food Safety and

* Convener:

1. Title

Dr. Ho Ando Dr. Zueng-Sang CHEN Dr. Yong Sik OK

4. Rationale

Rice is Asia's most important food crop and its producing area is rapidly expanding due to increases of world consumption. Paddy rice requires ample amount of irrigation water. The flooded paddy field is a major emitter of CH4. Over fertilization has produced serious environmental pollution and human health problems. Heavy metal pollution also poses serious threat to food safety. Improvements of management practices have been and will continue to be underpinned by the scientific discovery and advances in technologies.

5. Objectives

The main objective is to bring together specialists in various branches of paddy soil studies, particularly in the area of irrigation, fertilization, organic agriculture, precision agriculture, GHG emission reduction, and pollutant mitigation.

6. Description

This symposium will explore the latest developments and applications of innovative approaches and advanced technologies in paddy rice management. Emphases will be placed on the better understanding and knowledge of the paddy rice management practices in response to the growing interests in food security and safety as well as environmental quality.