1. Title
Paddy Soils-New Approaches in Paddy Soil Management for Food Safety and Environmental Quality

2. Type
Working Groups Symposium

3. Organizer(s) & Convener
Prof. Yuan Shen
Chinese Society of Soil and Fertilizer Sciences, Department of Soil and Environmental Sciences, National Chung Hsing University, 250 Kuo-Kuang Road, Taichung, 40227, Taiwan, ROC.
Tel: 886-4-22872619
Fax: 886-4-22862043
E-mail: yshen@nchu.edu.tw

* Convener:
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.