

Eighth Conference of the East and Southeast Asian Federation of Soil Science (ESAFS 8)
Oct. 22-23, 2007

October 22(Mon) KEYNOTE SESSIONS at Convention Hall 300, POSTERS in Room 201 & 202

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| 9:00 | Registration and Poster set-up | | |
| 10:00-10:10 | Opening and Welcome Address | | |
| | Tadakatsu Yoneyama | President of ESAFS, President of JSSSPN, The University of Tokyo | |
| | Youhei Sato | President of NIAES, Japan | |
| 10:10-11:50 | Keynote Session 1. Water Management for Sustainable Production | | |
| | To Phuc Tuong | IRRI, Philippines | Water Savings in Irrigated Rice: Implication on Nutrient Management and Sustainability |
| | Yasukazu Hosen | IRRI, Philippines, JIRCAS, Japan | Whether Water Saving Reduces the Global Warming Potential of Irrigated Paddies |
| | Mizuhiko Nishida | NARCT, Japan | Paddy-Upland Rotation Induces Deterioration of Soil Fertility |
| 11:50-12:00 | Group Photo : on the stairs in front of the Convention Hall 200 | | |
| 12:00-13:30 | Lunch Break | | |
| 13:30-15:10 | Keynote Session 2. Crop Production under Environmental Stress | | |
| | Zhengwei Liang | CAS, China | Use of Alkali Tolerant Plant for the Improvement of High Alkali Soil in Northeast China |
| | Matthias Wissuwa | JIRCAS, Japan | P and Zn Deficiency in Rice: Tolerance Mechanisms and Underlying Genetic Factors |
| | Naoko K. Nishizawa | The University of Tokyo, Japan | Enhancing Tolerance in Rice to Low Iron Availability in Calcareous Soils |
| 15:10-15:30 | Coffee Break | | |
| 15:30-17:10 | Keynote Session 3. New Solution to Soil Pollution | | |
| | Zueng-Sang Chen | National Taiwan University, Taiwan | New Aspect of Collaborative Research on the Soil Pollution, Food Safety and Soil Remediation Techniques in Asia |
| | Jae E. Yang | Kangwon National University, Korea | Heavy Metal Pollution, Risk Assessment and Remediation in Paddy Soil Environment: Research Experiences and Perspectives in Korea |
| | Tomoyuki Makino | NIAES, Japan | Heavy Metal Pollution of Soil and a New Approach to its Remediation, Research Experiences in Japan |
| 17:10-17:15 | Closing Remarks | | |
| 17:30-19:00 | Reception : in the Multi-purpose Hall (1F floor) | | |

October 23 (Tue) ORAL SESSIONS at Convention Hall 200, POSTERS in Room 201& 202

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| 8:30 | Registration and Poster set-up | | |
| 9:00-9:05 | Address | | |
| | Tadakatsu Yoneyama | President of ESAFS, President of JSSSPN, The University of Tokyo | |
| 9:05-10:15 | Oral Session 1. Reports from Member Societies | | |
| 10:15-10:30 | Coffee Break | | |
| 10:30-12:00 | Oral Session 2. Distribution, Bioavailability and Management of Heavy Metals | | |
| | Makoto Nakai | NIAES, Japan | Development of Soil-Crop Inventory on Heavy Metals in Japan |
| | Wo-nil Kim | NIAS, Korea | Bioavailability and Safety of Heavy Metals in Paddy Soil-Rice Continuum in Korea |
| | Horng-yuh Guo | Taiwan Agricultural Research Institute, Taiwan | Prediction of Heavy Metals Uptake by Different Rice Species in Paddy Soils near Contaminated Sites of Taiwan |
| | Zulkefli Malik | MARDI, Malaysia | A Review on Heavy Metal Contamination of Crops and Agriculture Soils of Peninsular Malaysia |

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| | Orathai Sukreeyapongse | Land Development Department, Thailand | Cadmium Contamination in Paddy Soil and Rice Grain in Mae Tao Creek, Thailand |
| | Fe B. Perlas | Camarines Sur State Agricultural College in Pili, Philippines | Heavy Metals Monitoring Initiatives in Camarines Sur, Philippines |
| 12:00-13:00 | Lunch Break, Business Lunch for ESAFS Delegates | | |
| 13:00-14:00 | Poster Session Viewing (Core Time) at Conference Room 201&202 | | |
| 14:00-15:30 | Oral Session 3. Soil Genesis, Classification and Soil Management | | |
| | D. N. Wickramasinghe | Rice Research and Development Insitute, Sri Lanka | Use of GIS to Assess the Spatial Variability of Soil Fertility Characteristics of the Rice Soils in the "Parakrama Samudra" Irrigation Scheme in Sri Lanka |
| | Yeon-kyu Sonn | NIAST, Korea | The Classification and Interpretation of Korean Soils using Multivariate Analysis |
| | Lulie Melling | Department of Agriculture Jalan Badruddin, Malaysia | Biophysical Characteristics of Tropical Peatland in Sarawak, Malaysia |
| | Shinya Funakawa | Kyoto University, Japan | Regional Trend of Chemical and Mineralogical Properties of Upland Soils in Humid Asia: Japan, Thailand and Indonesia |
| | Yang Rong | CAS, China | Contents and Changes of Soluble Organic Nitrogen (SON) in Different Soils on the Loess Plateau of China |
| | Taku Nishimura | The University of Tokyo, Japan | Water and Salt Behavior in Maize Field at Wuwei, China and Consideration on Water saving Irrigation Practice |
| 15:30-15:55 | Cofee Break | | |
| 15:55-17:25 | Oral Session 4. Plant Nutrition, Fertilizer application, Microorganism, Environment | | |
| | Husnain | Shimane University, Japan | Characteristics of Nutrient Availability and their Dynamics in Relation to Sustainable Agriculture in Citarum and Kaligarang Watersheds, Indonesia |
| | Tasnee Attanandana | Kasetsart University, Thailand | Adapting Precision Agriculture for Small Farmers in the Tropics - Examples from Asia and Africa |
| | Soon-Dal Hong | Chungbuk National University, Korea | Applications of Ground-Based Remote Sensing for In-season Nitrogen Management of Rice Cultivation |
| | Keitaro Tawaraya | Yamagata University, Japan | Improvement of early Growth of two Tropical Peat-swamp Forest Tree species <i>Ploiarium alternifolium</i> and <i>Calophyllum hosei</i> by two Abuscular Mycorrhizal Fungi under Greenhouse Conditions |
| | Alexey R. Desyatkin | Hokkaido University, Japan | Comparison of Greenhouse Gas Emissions and Carbon Budget from Grasslands in Southern Hokkaido and Central Yakutia |
| | Guntur V. Subbarao | JIRCAS, Japan | A Genetic Strategy to Control Nitrification and N ₂ O Emissions from Agricultural Systems – Biological Nitrification Inhibition (BNI) |
| 17:25-17:30 | Closing Program | | |