

List of Poster Presentation at ESAFS 8 (October 22-23 2007, at Tsukuba International Congress Center, Japan)

<p>[Set up] October 22, Mon, after 9:00am</p> <p>[Removal] October 23, Tue, before 6:00pm</p>	<p>[Core Time] October 23, Tue, 1:00pm-2:00pm Please stay with your poster during the assigned time. --> Presenters of Odd presen. No. 1:00pm-1:30pm --> Presenters of Even presen. No. 1:30pm-2:00pm</p>
<p>[Poster Board] Board (90cm wide x 120cm height) is placed with your presen. No. Poster in A0 size is recommended. Pushpins will be provided by the secretariat, which will be placed at the foot of a board</p>	
<h3 style="color: red;">Poster Categories</h3>	
Poster 1 Heavy Metal Soil Pollution	Poster 5 Water Management, Soil Salinization
Poster 2 Soil Properties, Genesis, Classification, and Management	Poster 6 Environmental Issues (except heavy metal pollution)
Poster 3 Microorganisms	Poster 7 Greenhouse Gases, Carbon Budget
Poster 4 Plant Nutrition, Fertilizer, Compost, and Soil Amendment	Poster 8 Information System, Remote Sensing, and Model Simulation

Note; Only the first author's name is listed in the following list.

Poster 1 Heavy Metal Soil Pollution			
Presen No.	First Author's Name (Sub presenter)	Affiliation	Title
P1-1	Federico O. Perez	Central Luzon State University, Philippines	Soil Pollution Susceptibility Rating for Rice Agroecosystem
P1-2	Keiko Tagami	National Institute of Radiological Sciences, Japan	Distributions of Copper, Zinc, Arsenic, Cadmium and Lead in Japanese Agricultural Fields
P1-3	C. N. Kien	Kochi University, Japan	Distribution of Chromium, Cobalt and Nickel in Soils near Chromium Mine in Vietnam
P1-4	Jong Keun Lee	Korea University, Korea	Changes in Soil Enzyme Activities and Heavy metals Availability in Revegetated Metalliferous Mine Soil
P1-5	Jia Ru Dai (Yuh Ming Huang)	National Chuang Hsing University, Taiwan	The Impact of Remediating Multi-heavy Metals Polluted Soils by Diluting with Non-Polluted Soil on Growing Red Amaranthuses (<i>Amaranthus. caudatus</i> L.)
P1-6	Bunichi Ezaki	Okayama University, Japan	Screening of Hgh-tolerant Wild Plants Simultaneously to Aluminum, Heavy Metals and Oxidative Stresses, and Characterization of their Unique Tolerant Mechanisms
P1-7	Haw Tarn Lin	College of Enterprise Innovation, Taiwan	Mobility of Arsenic in Two Calcareous Soils as Influenced by Water Extract of Compost
P1-8	V. U. Ultra Jr	University of Eastern Philippines, Philippines	Potential of Amorphous Iron-(Hydr) Oxide Amendment for Alleviating Arsenic Toxicity in Paddy Rice
P1-9	Nguyen. M. Phuong	Kochi University, Japan	Arsenic Contamination in Ground Water and the Effect on Agriculture Soil and Plant in Hanam Province, Vietnam
P1-10	Molla Rahman Shaibur	Iwate University, Japan	Effect of Arsenic on Hydroponic Japanese Mustard Spinach
P1-11	Kai-Hsun Hsiao	National Pingtung University of Science and Technology, Taiwan	Time Effect on Chemical Fractions of Cadmium and Lead with EDTA Extraction in a Contaminated Soil
P1-12	Hideo Tamura	Chubu Electric Power Co.,Inc, Japan	Pb Accumulation from Soil in Common Buckwheat

Present No.	First Author's Name (Sub presenter)	Affiliation	Title
P1-13	Lian-Fang Li	Institute of Environment and Sustainable Development for Agriculture, CAAS, China	Lead Accumulation in Vegetable Soils under Protected Cultivation: a Case Study
P1-14	Takafumi Mizuno	Mie University, Japan	Role of Multidrug-resistance Associated Protein Homolog FeMRP3 for Lead Tolerance of Common Buckwheat
P1-15	Yuji Maejima	NIAES, Japan	Effect of Air-drying on Exchangeable and Acid Soluble Cadmium in Paddy Field Soils
P1-16	Young Sik Ok	Kangwon National University, Korea	Adsorption Characteristics of Cd onto Soils and Soil Separates Collected from Agricultural Lands in Korea
P1-17	Masato Igura	Tokyo university of Agriculture and Technology, Japan	Cadmium Hydroxide Formation on the Magnesium Oxide Materials
P1-18	Chang-Oh Hong	Gyeongsang National University, Korea	The Effect of Phosphate Materials on Reducing Cadmium Extractability in Soil
P1-19	Chang-Oh Hong	Gyeongsang National University, Korea	Reversed Effect of Phosphate Fertilizer to Immobilize Cadmium in Arable Soil
P1-20	Tadao Aoda	Niigata University, Japan	Monitoring Strategy on Physico-Chemical Properties of Soil in Paddy Fields to Control Cadmium in Rice
P1-21	Shinsuke Mori	NIAES, Japan	Comparison of Cadmium Uptake and Translocation between Eggplant (<i>Solanum melongena</i>) and Related Species under Different Iron Conditions
P1-22	Young Sik Ok	Kangwon National University, Korea	Remediation of the Cd Contaminated Soil Using Endemic Plants in South Korea
P1-23	Takashi Kamiya	Taiheiyō Cement Corp., Japan	Remediation of Cadmium-contaminated Paddy Soils by Washing with Ferric Chloride (FeCl ₃) I: Extraction Mechanism and On-site Washing
P1-24	Kazuko Kondo	Nagano Agricultural Research Center, Japan	Remediation of Cadmium-contaminated Paddy Soils by Washing with Ferric Chloride (FeCl ₃) II: Verification of Soil Washing effects in Fields
P1-25	Yoshifumi Kodani	Fukui Agricultural Experiment Station, Japan	Remediation of Cadmium-contaminated Paddy Soils by Washing with Ferric Chloride (FeCl ₃) III: Why Sedimentation Volume of Soils Increase during Soil Washing ?
P1-26	Eiji Nishihara	Tottori University, Japan	Remediation of Cadmium-contaminated Paddy Soils by Washing with Ferric Chloride (FeCl ₃) IV: Effects of On-site Soil Washing on Cadmium Uptake by Taro (<i>Colocasia esculenta</i>)
P1-27	Ikuko Akahane	NIAES, Japan	Remediation of Cadmium-contaminated Paddy Soils by Washing with Ferric Chloride (FeCl ₃) V: Effects of Soil Washing on Cadmium Uptake by Spinach in a Pot Experiment
P1-28	Nao Kamei-Ishikawa	National Institute of Radiological Sciences, Japan	Selenium Sorption on Japanese Agricultural Soils
P1-29	Shigeo Uchida	National Institute of Radiological Sciences, Japan	Estimation of the Anthropogenic U Content in Agricultural Soil due to Addition of Phosphatic Fertilizers
P1-30	Kei Asada	Tokyo university of Agriculture and Technology, Japan	Zinc Accumulation by Successive Application of Pig Farm Manure to Upland Field
P1-31	V. S. Saravanan	Chungbuk National University, Korea	Solubilization of Zn by Burkholderia spp. and their Zn Tolerance level
Poster 2 Soil Properties, Genesis, Classification, and Management			
P2-1	Weiguo Cheng	NIAES, Japan	A Comparison of Multi-elements Abundances between Chinese and Japanese Agricultural Soils
P2-2	Fuminori Kaneko	Chiba Prefectural Agriculture Research Center, Japan	The Changes in the Cultivated Soil Properties of Chiba Prefecture in the last 30 Years
P2-3	Ian Ausa Navarrete	Iwate University, Japan	Soil Organic Matter and Physicochemical Properties of Degraded Ultisol affected by Land-use Change in Leyte Island, Philippines
P2-4	Kazumichi Fujii	Kyoto University, Japan	Cultivation Accelerates Soil Acidification

Presen No.	First Author's Name (Sub presenter)	Affiliation	Title
P2-5	Tetsuhiro Watanabe	Kyoto University, Japan	Differences in Acid Neutralizing Reactions for Upland Soils in Humid Asia: Japan, Thailand and Indonesia
P2-6	Jin Ho Joo	Kangwon National University, Korea	Soil Management Practices to Reduce Soil Erosion by Applying Several Wild Edible Greens in Alpine Sloped Farmland in Korea
P2-7	Byung-Keun Hyun	NIAST, Korea	The Study on Weak in Soil Erosion by Heavy Rainfall
P2-8	Sang-Hoo Park	Kangwon National University, Korea	Assessment of Water Quality and Soil Erosion for Different Land Use of Highland in Korea
P2-9	Luyen Huu Cu	Hanoi Agricultural University, Vietnam	Research on Improvement of Degraded Sloping Land, Aiming to Effective Utilization and Management of Bare Hill and Mountain
P2-10	Haizhu Li	Kagoshima University, Japan	The Characteristics of Alpine Rangeland Soils and Their Changes with Degradation of Vegetation in the Eastern Part of Qinghai-Tibet Plateau
P2-11	Yoshinori Watanabe	Shimane University, Japan	<i>Eucalyptus</i> and <i>Pinus</i> growth in Relation to the Hardening of Subsoil Plinthite Layers and Soil Physico-Chemical Characteristics in Sudan Savanna Zone of Nigeria
P2-12	Yong-ik Jin	National Institute of Highland Agriculture, Korea	Effect of Vegetative Barrier for Soil Conservation in Highland Agricultural Area, Korea
P2-13	Mohd. Effendi Wasli	Kochi University, Japan	Soils under Secondary Vegetation Succession after Shifting Cultivation Practices: A Comparison of <i>Imperata cylindrica</i> and <i>Dicranopteris linearis</i> dominated fallow lands
P2-14	Haris Syahbuddin	Indonesian Agro-climate Hydrology Research Institute, Indonesia	An Experimental Investigation on Seasonal Dynamics of Soil Water Content in Shrubs and Secondary Forest Land Uses in Tropics
P2-15	Chen-Chi Tsai	National Ilan University, Taiwan	Estimation of Arable Soil Water Holding Capacity by Pedotransfer Functions: Case Study in northeastern Taiwan
P2-16	Eusufzai Moniruzzaman	Iwate University, Japan	Characterizing Hydraulic Conductivity and Functional Soil Porosity as Affected by Biomass Amendments Using Disc Permeameter.
P2-17	Wen-Shu Huang	National Changhua University of Education, Taiwan	The Marine Terrace Soil Chronosequence in Eastern Taiwan
P2-18	Heng Tsai	National Changhua University of Education, Taiwan	Meteoric ¹⁰ Be dating of highly weathered soils from fluvial terraces in Taiwan
P2-19			canceled
P2-20	Sug-Jae Jung	NIAST, Korea	Establishment of Land Use Suitability Classes for Peanut
P2-21	Byung-Keun Hyun	NIAST, Korea	Establishment of Land Use Suitability Classes for Pumpkin
P2-22	Kwan-Cheol Song	NIAST, Korea	Taxonomical Classification of Jeju Soils in Jeju Island
P2-23	Gye-Jun Lee	National Institute of Highland Agriculture, Korea	Estimation of Nutrition Loss in Korean Highland at Different Tillage Conditions
P2-24	Hyun-Jun Cho	NIAST, Korea	Soil-enhancing Technologies through Establishing Alternative Crops in Different Fallow Periods under Rice-fallow Rotation Field
P2-25	Chang Hoon Lee	Gyeongsang National University, Korea	Assessment of Soil Quality Under Long-term Fertilized Rice Paddy Soil
P2-26	Jae E. Yang	Kangwon National University, Korea	Development of Soil Respiration Kit and Application to Soil Quality Assessment
P2-27	Won-Kyo Jung	NIAST, Korea	Long-term Paddy Soil Management Practices Impact on SOC Dynamics
P2-28	Ed-Haun Chang	National Taiwan University, Taiwan	Soil Enzymatic Activities as Influenced by Cropping Systems and Nitrogen Sources after 16 years of Continuous Cultivation
P2-29	Kanji Iwamoto	Kinki University, Japan	Near Infrared Analyses of the Changes of Lowland Sawah Soils in Java, Indonesia and Bangladesh during the Green Revolution Period 1967-2003: Carbon and Nitrogen

Present No.	First Author's Name (Sub presenter)	Affiliation	Title
P2-30	Hiroshi Okumura	Kinki University, Japan	Near Infrared Analyses of the Changes of Lowland Sawah Soils in Java, Indonesia and Bangladesh during the Green Revolution Period 1967-2003: pH and Exchangeable bases
P2-31	Lee-Yul Kim	NIAST, Korea	Soil Physical Properties and their Amendment Guideline Establishment in Korean Paddy Field
P2-32	Yoshitaka Nakamura	Tokyo university of Agriculture and Technology, Japan	Spatial Distribution of Soil Nutrients in Irrigated Paddy Fields of University Farm in Tokyo
P2-33	Haiqing Chen	China Agricultural University, China	Effects of N and Mixing on Decomposition of ¹⁴ C-labelled Maize Residue in Soils of different Land Use Types
P2-34	Wilfredo Dumale Jr.	The University of Tokyo, Japan	Priming Effect of two Organic Matters on two East Asian Soils
P2-35	Takeshi Watanabe	JIRCAS, Japan	Effect of Rice Straw Compost on Soil Organic Matter and Adequate Fertilizer Doses in the Alluvial Soil Area in the Mekong Delta
P2-36	Kiyoshi Tsutsuki	Obihiro University of Agriculture and Veterinary Medicine, Japan	Soil Saccharide Composition in Tropical Soils: Comparison between the Soils from Sumatra and Leyte
P2-37	Koyo Yonebayashi	Ishikawa Prefectural University, Japan	The Humification Process that is supposed from Stable Carbon and Nitrogen Isotope Ratios of Humic Substances
P2-38	Yoshiki Shimowada	The University of Tokyo, Japan	Movement of Gaseous Volatile Organic Compounds in the Vicinity of the Water Table
P2-39	Hyun-Jun Park	Sunchon National University, Korea	Effects of Molasses on Biological Properties of Soil and Nitrogen Mineralization
P2-40	Soh Sugihara	Kyoto University, Japan	Field Measurement of Short-term Dynamics of Soil Organic Matter and Microbial Biomass after Simulated Rainfall in Two Different Soil Texture Croplands at Tropical Thailand
P2-41	Jin-Hyeob Kwak	Chonnam National University, Korea	Soil ¹⁵ N/ ¹⁴ N Ratios Indicate the Sources and Transformations of N in Reclaimed Coastal Tidelands
P2-42	Chul-Hyum Yoo	Honam Agricultural Research Institute, Korea	Change in Physicochemical Properties of Reclaimed Land Paddy Soils in Korea
P2-43	Junta Yanai	Kyoto Prefectural University, Japan	Evaluation of Soil Nitrogen Status in Asia with Reference to Form and Availability
P2-44	Trinh T. T. Trang (Vo Thi Guong)	Can Tho University, Vietnam	Crop Rotation Improves the Soil Nitrogen Supplying Capacity in Intensive Rice Systems of the Mekong Delta, Vietnam
P2-45	Seok-In Yun	Seoul National University, Korea	Effect of Soil Texture and Moisture on Nitrification Rate and Nitrogen Isotopic Fractionation
P2-46	Bo-Goo Kang	Protected Agricultural Research Institute, Korea	Effect of the Application of Easily Decomposable Carbohydrate on Changes on Soil Inorganic Nitrogen and Growth of Watermelon
P2-47	Hideo Kubotera	NARC for Kyushu Okinawa Region	Experimental Conditions for Rapid Measurement of Nitrate Retention of Soils
P2-48	Doug-Young Chung	National University Daejeon, Korea	Pore Morphology and Physicochemical Characteristics of Porous Adsorbent depending on Starting Mixtures and Sintering Temperature
P2-49	Katsuya Shiratori	Tsukuba University, Japan	Deposition Kinetics of Na-kaolinite in the Column Packed with Toyoura Sand as a Function of Solution pH
P2-50	Ahamad Imran	Kyungpook National University, Korea	Ca-Fe Layered Double Hydroxide as an Inorganic Vector for Delivery System of Phytofunctional Molecules
Poster 3 Microorganisms			
P3-1	Ken Tajima	Yamagata University, Japan	Arbuscular Mycorrhizal Colonization and Detection of Fungal Species of Tree Grown in Tropical Forest in Indonesia
P3-2	Bo-Kyoon Sohn	Sunchon National University, Korea	Early Growth Responses of Hot Pepper with Inoculation of Arbuscular Mycorrhizal (AM) Propagules

Present No.	First Author's Name (Sub presenter)	Affiliation	Title
P3-3	Ryouta Hirose	Yamagata University, Japan	Reduction of Phosphorus Fertilization to <i>Allium fistulosum</i> with Inoculation of Arbuscular Mycorrhizal Fungi
P3-4	Hsien-Hung Hsu	National Chuang Hsing University, Taiwan	The Effect of the Inoculation of Phosphate Solubilizing Microorganism on the Growth of Corn grown in Different Sizes of Soil and Applied with Different Rates of Single Superphosphate
P3-5	Shimpei Shiozawa	Yamagata University, Japan	Leaf Herbivory by <i>Spodoptera litura</i> larvae increases Colonization by Arbuscular Mycorrhizal Fungi in Soybean
P3-6	Rangasamy Anandham	Chungbuk National University, Korea	Occurrence of Thiosulfate Oxidizing Bacteria in Rhizosphere of Crop Plants, their Putative Sulfur Oxidation Pathway and Screening for Potential Plant Growth Promoting Traits
P3-7	Panduyan Idira Gandhi	Chungbuk National University, Korea	Herbivore Insect Gut Bacteria Accelerate Nutrient Solubilization and Plant Growth of Canola and Tomato
P3-8	Selvaraj Poonguzahli	Chungbuk National University, Korea	Colonization of Plant Surfaces by <i>Methylobacterium suomiense</i> CBMB120, a Rhizosphere Soil Isolate and its Persistence in the Rhizosphere
P3-9	Darioush S. Alidoust	Tokyo university of Agriculture and Technology, Japan	Distribution of Organic Acids, Cations and Anions in the Finely Fractionated Rhizosphere Soils of Sunflower Grown in Andosol amended with Citric Acid
P3-10	Munusamy Madhaiyan	Chungbuk National University, Korea	Influence of Plant Species and Environmental Conditions on Epiphytic and Endophytic Pink-pigmented Facultative Methylophilic Bacterial Populations associated with Field-grown Rice Cultivars
P3-11	Seok-Soon Han	Chungbuk National University, Korea	Degradation of TCFM(Tolclofosmethyl) by the Mixed Bacterial Cultures Isolated from the Turf Soils of Golf Course and Three Bacterial Strains
P3-12	Sang-Beom Lee	NIAST, Korea	Evaluation of Soil Health in Relation to Biological Characteristics of Arable Soil
P3-13	Masayo Hiramatsu	Nagoya University, Japan	Effect of Long-Term Application of Rice Straw Compost on Bacterial Communities in Paddy Field Soil in Japan
P3-14	Chang-Hoo Lee	Gyeongsang National University, Korea	Effect of Long-term Fertilization on Microbial Community Structure in Rice Paddy Soil
P3-15	Guanghua Wang	Northeast Institute of Geography and Agricultural Ecology, CAS, China	Effects of Land Management Practices on some Biological Characteristics of Black Soil in Northeast of China
P3-16	Takeshi Watanabe	Nagoya University, Japan	Effects of Field Managements on the Community Structures of Methanogenic Archaea in Japanese Paddy Field Soils
P3-17	Vita Ratri Cahyani	Nagoya University, Japan	Biota Responsible for the Composting Process of Rice Straw
P3-18	Sang-Eun Oh	Kangwon National University, Korea	Biological Hydrogen Production from Animal Wastewater
P3-19	Kazunori Sakamoto	Chiba University, Japan	Promotion of Seed Germination and Seedling Growth of Cabbage Induced by Root Associated Fungi Isolated from Oat and Eucalyptus Roots
P3-20	Woojong Yim	Chungbuk National University, Korea	Characterization of Plant-Growth Promoting Diazotrophic Bacteria isolated from Field Grown Chinese Cabbage under Different Fertilization Conditions
P3-21	Munusamy Madhaiyan	Chungbuk National University, Korea	PPFMs associated with Traditionally Cultivated Field grown Rice Cultivars - Population Dynamics, and Potential for Plant Growth Promotion
Poster 4 Plant Nutrition, Fertilizer, Compost and Soil Amendment			
P4-1	Byoung-Choon Jang	NIAST, Korea	Changes of Photosynthetic activity and Ca-oxalate Crystal Formation in Tomato Leaves
P4-2	Ju-Young Lee	NIAST, Korea	Leaf Chlorosis in Chrysanthemum and Hydrangea Grown in Different Nutrient Media
P4-3	Ju-Young Lee	NIAST, Korea	Interveinal Chlorosis in Grape Leaves by Manganese Deficiency

Present No.	First Author's Name (Sub presenter)	Affiliation	Title
P4-4	Byoung-Choon Jang	NIAST, Korea	Changes of Nitrogen Assimilation in Tomato Leaves by Salt Stress
P4-5	Shinichi Ogiyama	National Institute of Radiological Sciences, Japan	Absorption of ¹⁴ C-Acetic Acid from Rice Rhizosphere
P4-6	Sang-Eun Lee	Hankyong National University, Korea	The Lead Dioxide Based Sugar Sensor
P4-7	Sei-Joon Park (Kim Tae Wan)	Hankyong National University, Korea	Proteomic Profiling Expressed in Extremely Early Maturing Seeds of Barley
P4-8	Hong-Ki Kim	Chungbuk National University, Korea	Proteome Analysis for the Enhanced Growth of Greenhouse-cultured Lettuce by the Treatment of the Soil Mineral Illite
P4-9	Ai Nakamura	Hokkaido University, Japan	Dent Corn Production and Soil Chemical Properties in Digestive Fertilizer Applied Field
P4-10	Sang-Sun Lim	Chonnam National University, Korea	Liquid Pig Manure Application to Crops Results in Specific Carbon and Nitrogen Isotopic Signatures
P4-11	Chang-Hyu Yang	Honam Agricultural Research Institute, Korea	The Effect of Tillage Method after Application of Pig Liquid Manure on Silage Barley Yield and Soil Chemical Property in Paddy Field
P4-12	Toyoaki Ito	Tohoku University, Japan	Phosphorus-Based Cattle and Poultry Manure Compost Applications for Environmentally Conscious Paddy Rice Production
P4-13	Shan-ney Huang	Tainan District Agricultural Research and Extension Station, Taiwan	Growing Soybean (<i>Glycine max</i> L. Merrill) as Green Manure in Paddy Rice Production
P4-14	Sangmin Lee	NIAST, Korea	Changes of Carbon and Inorganic Nitrogen after Application of Organic Materials in Upland Soil
P4-15	Myung-Ja Han	Sunchon National University, Korea	Effects of Molasses on Chinese Cabbage Growth and Biological/Chemical Properties of Soil
P4-16	Suphakarn Luanmanee	DOA, Thailand	Mineralization of an Indirect-Heated Sludge and Its Effects on Soil Fertility in Thailand
P4-17	Gi-Cheol Lee	Kangwon National University, Korea	Improvement of Physical and Chemical Properties of the Aggregate By-products to Reuse as Artificial Soil Material for Plantation
P4-18	Suphachai Amkha	Chiba University, Japan	Effects of Different Controlled-release Nitrogen Fertilizer Types with Manure on Plant Growth (<i>Brassica campestris</i> L.) and Soil Microbial Properties
P4-19	Hong-Bae Yun	NIAST, Korea	Upland Cropping Systems and Nutrition Management in Korea
P4-20	W.M.J.Bandara	Rice Research & Development Institute, Sri Lanka	A New Approach to Supply Balanced Nutrient Requirement for Rice Grown in Galwewa Soil Series in Low Country Dry Zone of Sri Lanka
P4-21	W. M. J. Bandara	Rice Research & Development Institute, Sri Lanka	A New Technique 'Biological Soil Test Kit' for Identification of Nutrient Deficiencies and Testing Soil Specific Fertilizer Recommendation for Rice
P4-22	Yo-Sung Song	NIAST, Korea	Establishment of the Application Rate of Phosphorus and Potassium Fertilizers for Rice Cultivation in Korea
P4-23	Kyu-Suk Jung	NIAST, Korea	Establishment of Optimum Nitrogen of Application Rates in Fertigation System for Oriental Melon Plastic Film House Cultivation
P4-24	Eiichi Takasu	Agricultural Research and Development Center, CO-OP Chemical Co., Ltd., Japan	Effect of Phosphogypsum Application on the Growth of Rice (<i>Oryza sativa</i> L.) and its Productivity in Paddy Field in Japan
P4-25	Po-Chun Chen	National Chuang Hsing University, Taiwan	The Effect of Timing of Application of Nitrogen Fertilizers on the Antioxidant Potential of Pak-chio (<i>Brassica Chinensis</i> L.) Grown in Hydroponic
P4-26	Sung Un Kim	Sunchon National University, Korea	Effect of Germanium (Ge) on Plant Growth and Characteristics of Ge Accumulation from Lettuce
P4-27	Jong-Sir Lim	Gyeongsang National University, Korea	Rice Cultivation Technology for Production of Functional Rice with Germanium in Soil
P4-28	Woo-Young Park	Gyeongsang National University, Korea	Development of Rice Cultivation Technology Using Foliar Sprays of Germanium Solution for Production of Functional Rice with Germanium

Present No.	First Author's Name (Sub presenter)	Affiliation	Title
P4-29	Takashi Kotegawa	Ehime University, Japan	Indigenous Knowledge to Select Rice Varieties in Lowland Paddy Fields: A Case Study in Ay Village, Northern Laos
P4-30	Eveln F. Javier	Philippine Rice Research Institute, Philippines	Sustainability of Using Organic Fertilizer in Irrigated Lowland Rice in Terms of Soil Fertility and Rice Production
P4-31	Taek-Kyum Kim	Honam Agricultural Research Institute, Korea	Soil Environmental Properties of Habitually Damaged Area by Bacterial Leaf Blight Disease in Honam Province of Korea
P4-32	Shizuka Mori	Yamagata General Agricultural Research Center, Shonai Branch, Japan	Effect of Different Starting Time of Midsummer Drainage on the Number of Spikelets in Rice Plant
P4-33	Romeo J. Cabangon	International Rice Research Institute (IRRI)	SPAD-Based N-Management of Rice (<i>Oryza sativa</i>) under Alternate Wetting and Drying Irrigation
P4-34	Sachiko Senoo-Namai	JIRCAS, Japan	Responses of Rice (<i>Oryza sativa</i> L.) to Different Nitrogen Sources at the Early Vegetative Growth Stage
P4-35	D. N. Sirisena	Rice Research & Development Institute, Sri Lanka	Sustainable Rice Production from Marginal Rice Lands of Sri Lanka
P4-36	Begum Samsun Nahar	Bangladesh Agricultural University, Bangladesh	Effect of Organic Farming on Soil and Potato Quality and Yield of Potato (<i>Solanum tuberosum</i> L.)
P4-37			canceled
P4-38	Shuji Sano	Osaka Prefectural Research Institute of Environment, Agriculture and Fisheries,	Evaluation of Variability in Growth of Milk Vetch (<i>Astragalus sinicus</i> L.) with Reference to Soil Properties and Management
P4-39	Jae-Seung Noh	NIAS, Korea	Effects of Compost Quality on Growth of Pak-choi (<i>Brassica Compestris</i> var. <i>chinensis</i>) in Plastic Pot
Poster 5 Water Management, Soil Salinization			
P5-1	Sothea Khem	JIRCAS, Japan	Water Management Planning using Hydrologic Model in the Cambodian Floodplain
P5-2	Natchaya Khetkratok	JIRCAS, Japan	Hydrological Evaluation of On-farm Ponds in Northeast Thailand
P5-3	Eui-Young Yun	Seoul National University, Korea	Modifying the Pore-Solid Fractal Model to Estimate Water Retention Curve from Soil Particle-size Distribution
P5-4	Katsutoshi Seki	The University of Tokyo, Japan	Alkalization and Salinization of Soil in Songnen Plain of Northeast China
P5-5	Chihiro Kato	The University of Tokyo, Japan	Changes in Salt Content Profile of Maize Field in Northwest China under Repetitious Border Irrigation
P5-6	Tsuneyoshi Endo	Tottori University, Japan	The Status and Causes of Soil Salinization as Influenced by Soil Properties in Luohui Irrigation Scheme, China
P5-7	Ji Qing Song	Institute of Environment and Sustainable Development for Agriculture, CAAS, China	Effect of Different Methods of Maintaining Soil Moisture on Yield of Winter Wheat
P5-8	Zhan-bin Huang	Institute of Environment and Sustainable Development for Agriculture, CAAS, China	A Study on Influence of Different Kinds of Aquasorbents on Growth and Yield of Potato
P5-9	Zhan-bin Huang	Institute of Soil and Water Conservation, CAS, China	Characteristic and Impact Principles of Super Absorbent Polymer in Agricultural Production and Environmental Harness
Poster 6 Environmental Issues except heavy metal pollution			
P6-1	Darmawan Darmawan	Andalas University, Indonesia	Multifunctionality of Sawah based Intensive Rice Farming in Java, Indonesia, in Special Reference to Carbon Sequestration.
P6-2	Kazunori Tarao	Kinki University, Japan	Comparative Characterization of Soil Mesofaunas of "Satoyama" Land uses in Nara, Japan, Padang, Sumatra, Indonesia, and Kumasi, Ghana
P6-3	Toshiyuki Wakatsuki	Kinki University, Japan	Possible ESAFS Contribution for West African Rice Green Revolution based on Sawah Ecotechnology in African Satoyama Watersheds
P6-4	Thanakorn Lattirasuvan	Ehime University, Japan	Ecological Characteristics of Home-Gardens under Traditional and Modern Management Practices in Northern Thailand

Present No.	First Author's Name (Sub presenter)	Affiliation	Title
P6-5	Min-hee Kim	Korea University, Korea	Benzoic Acid Sorption by Variable Charge Soils from Methanol/Water Mixture
P6-6	Lee-Sun Kim	Seoul National University, Korea	Degradation of Chlorpyrifos and its Influence on Available Phosphorous as affected by Soil Salinity
P6-7	S. W. Chang Chien	Chaoyang University of Technology, Korea	Kinetics of pH and pE and Associated Mineralization of Phenols Catalyzed by Birnessite
P6-8	Jong-Seo Choi	Seoul National University, Korea	Nitrogen Removal from Tidal Marsh Soils as Affected by Soil Salinity and the Presence of Organic Carbon Sources
P6-9	Sadao Eguchi	NIAES, Japan	Denitrification at the Alluvium-Diluvium Interface in the Riparian Aquifer below Paddy Fields
P6-10	Jin-Hyeob Kwak	Chonnam National University, Korea	$^{13}\text{C}/^{12}\text{C}$, $^{15}\text{N}/^{14}\text{N}$ and Ca/Al in Red Pine Stands as Potential Evidence of Atmospheric Changes in an Industrial Region
P6-11	Jae-Woon Jung	Chonnam National University, Korea	Nitrogen and Phosphorous Concentrations of Paddy Floodwater as Affected by Composted Livestock manure and Synthetic Fertilizer Application in a Pot Experiment
P6-12	Jin-Hyeob Kwak	Chonnam National University, Korea	Composted Livestock Manure Co-Application May Increase Ammonia Volatilization Loss from Urea
P6-13	Kaoruko Sunaga	Tokyo university of Agriculture and Technology, Japan	Nitrogen Removal and Water Quality Improvement of Anaerobically Digested Slurry Using Forage Paddy Rice
P6-14	Hong-Duck Ryu	Chungbuk National University, Korea	Removal and Recovery of Ammonium-nitrogen from Swine Wastewater by Struvite Crystallization
P6-15	Shen Zhou	Tokyo university of Agriculture and Technology, Japan	Ammonia Emission from Liquid Manure applied to Paddy Field at Top-dressing Period
P6-16	Khin Thawda Win	Tokyo university of Agriculture and Technology, Japan	Mitigation of Ammonia Volatilization from Rice Field Treated with Anaerobically Digested Slurry
P6-17	Jae E. Yang	Kangwon National University, Korea	Waste Lime from Soda Ash Production Effectively Neutralized Leachates from Pyrophyllite Mine Tailings
P6-18	Miho Yoshikawa	Tokyo university of Agriculture and Technology, Japan	Influence of Anaerobically Digested Slurry Application on Ion Content in Percolating Water of Paddy Soil
P6-19	Jong-Soo Heo	Gyeongsang National University, Korea	Changes of Physico-chemical Properties of Filter Media in Constructed Wetland for Agricultural Water Treatment
Poster 7 Greenhouse Gases, Carbon Budget			
P7-1	Kazunori Minamikawa	NIAES, Japan	The Difference in Water Use by Crops Affects the Amount of Dissolved Greenhouse Gases in Soil Percolating Water
P7-2	Yutaka Shiratori	Niigata Agricultural Research Institute, Japan	Effectiveness of a Subsurface Drainage System in Poorly-drained Paddy Fields on Reduction of Methane Emissions
P7-3	Yasuhiko Muramatsu (Kazuyuki Inubushi)	Chiba University, Japan	Designing a Community-Based Model Water Management Project for Mitigation of Methane Emissions from Paddy Field in Indonesia
P7-4	Gwang Hyun Han	Chungbuk National University, Korea	Impacts of Water Management on Gas Exchange Processes of CO ₂ and Methane in a Rice Paddy Ecosystem
P7-5	Shigeru Kato	Chiba University, Japan	Effect of Microbial Materials with Phototrophic Purple Bacteria on Methane Production in Submerged Incubated Soil
P7-6	Oslan Jumadi	Chiba University, Japan	Methane and Nitrous Oxide Fluxes from Indonesian Rice Field as Affected by Water Management
P7-7	Yosuke Yanai	Tokyo university of Agriculture and Technology, Japan	Monitoring of CO ₂ , CH ₄ , and N ₂ O Production in Cd-Polluted Gray Lowland Sil Cultivated with Paddy Rice and Vegetables using Silicone-based Probe
P7-8	Hui Xu	Institute of Applied Ecology, CAS, China	Mitigation of N ₂ O Emission from Upland Soil by Applying Modified Nitrogen Fertilizers—a Field Trial in China
P7-9	Shin-ichi Tokuda	National Institute of Vegetable and Tea Science, Japan	Enhancement of Nitrous Oxide Emissions from a Cabbage Field by Incorporating the Crop Residues into the Soil

Present No.	First Author's Name (Sub presenter)	Affiliation	Title
P7-10	Miwa Matsushima	Chiba University, Japan	Potential N Transformations and Nitrous Oxide Productions of Andosol Profile in an Orchard Land
P7-11	Yo Toma	Hokkaido University, Japan	Temporal Variation in CO ₂ and N ₂ O Emissions from an Agricultural Bare Field in Mikasa, Hokkaido, Japan
P7-12	Fumiaki Takakai	Hokkaido University, Japan	Contribution of Organic Matter Decomposition and Root Respiration to CO ₂ Emissions from Cultivated Tropical Peatland in Central Kalimantan, Indonesia
P7-13	Mariko Shimizu	Hokkaido University, Japan	Comparison between Meteorological and Biometric Approaches for Estimating Carbon Budgets for a Managed Grassland in Hokkaido, Japan
P7-14	Yusuke Takata	NIAES, Japan	Analysis of Spatial and Temporal Variation of Soil Organic Carbon Budget in Northern Kazakhstan
P7-15	Chol Gyu Lee	Chiba University, Japan	Effects of Vegetation and Soil Temperature on Carbon Dynamics in a Cool-Temperate Marsh Soil, Northern Japan
P7-16	Sonoko D. Kimura	Tokyo university of Agriculture and Technology, Japan	Land Use and Biomass Distribution of Japanese Agriculture
Poster 8 Information System, Remote Sensing, Model Simulation			
P8-1	Ranjith B. Mapa	University of Peradeniya, Sri Lanka	Use of Digital Soil Data Base for Soil and Water Management in Sri Lanka
P8-2	Masaru Mizoguchi	The University of Tokyo, Japan	Soil Information Monitoring using Field Server at Agricultural Fields in Asia
P8-3	Sang Kyu Rim	NIAST, Korea	Agricultural Soil Information System
P8-4	Soon-Dal Hong	Chungbuk National University, Korea	Applications of Ground-Based Remote Sensing for Top Dressing Rate of N fertilizer on Red Pepper
P8-5	Yi-Hyun Kim	NIAST, Korea	Estimation of Grain Protein Content in Rice Canopy Using Optical Remote sensors
P8-6	Ritsuko Fuchiyama	NARC, Japan	Remote Sensing for Assessing Effective Soil Depth in Soybean Fields
P8-7	Yan-Gu Chen	National Changhua University of Education, Taiwan	An Application of Remote Sensing to the Bare Salt Affected Soil in Southwest Taiwan
P8-8	Myung-Chul Seo	NIAST, Korea	Development of PC Based Model for Estimating Daily Water and Nitrogen Balance in Arable Land in Korea
P8-9	Chin-hua Ma	AVRDC-The World Vegetable Center, Taiwan	Using Simplified Kinetic Model of Fertilizer-P Availability Index to Monitor Soil Available P in Vegetable Field
P8-10	Zhengli Yang	Institute of Environment and Sustainable Development for Agriculture, CAAS, China	Security of both Grain Supply and Agro-Environment in China and International Comparing Analysis

Abbreviations; CAAS (Chinese Academy of Agricultural Sciences, China),
CAS (Chinese Academy of Sciences, China)
JIRCAS (Japan International Research Center for Agricultural Sciences),
NIAES (National Institute for Agro-environmental Sciences, Japan)
NIAST (National Institute of Agricultural Science and Technology)
NARC (National Agricultural Research Center)