

Symposia and Workshops

1. Conferences, Workshops and Research Meetings

Title	Place	Date	Participants
The 3 rd Seminar on Risk Assessment and Prevention of Invasive Alien Plants: How Should We Face Against Alien Plants?	Okayama University	August 5, 2006	165
International Workshop on Development of Database (APASD) for Biological Invasion	Taiwan ROC	September 19-21, 2006	60
Korea–Japan Joint International Symposium: Nitrogen Behavior and its Effective Management in Agro-Ecosystems	Korea	September 21-22, 2006	200
3 rd Meeting for the Presentation of NIAES Research Topics: Thinking about Agriculture and the Environment	Meiji-Yasuda Life Hall	September 28, 2006	221
The 4 th Seminar on Risk Assessment and Prevention of Invasive Alien Plants: Research Findings in One-Year	Electric Building, Fukuoka	October 21, 2006	75
The 6 th Seminar on Organic Chemical Studies: Current Issues and Counterstrategies in Drift of Chemicals to the Atmosphere	NIAES	October 5, 2006	119
The 23 rd Research Meeting on Pesticides: Pesticide Residue in Minor Crops – Problems and Future Issues –	NIAES	October 6, 2006	122
The 4 th Symposium of Environmental Research Institutes in Japan	Tsukuba International Congress Center	November 28, 2006	123
Aquatic and Ecological Environment in Koise-River Watershed: Toward the Establishment of Agriculture, Forestry and Fisheries Co-existing with Nature	Tsukuba International Congress Center	December 8, 2006	120
The 5 th Seminar on Risk Assessment and Prevention of Invasive Alien Plants	Tokyo International Forum	December 10, 2006	127
NIAES International Symposium 2006: Evaluation and Effective Use of Environmental Resources for Sustainable Agriculture in Monsoon Asia –Toward International Research Collaboration	Tsukuba International Congress Center	December 12–14, 2006	276
The 24 th Seminar on Soil and Water: Soil as a Base for Material Circulation—its Role in the Carbon Cycle	Tsukuba Office, Agriculture, Forestry and Fisheries Research Council	February 21, 2007	122
The 23 rd Meteorology Workshop: Plant Responses to Air Pollutants and Global Changes	NIAES	March 9, 2007	122
Towards the Establishment of Future-Oriented Urban Society with Agriculture and Industrial Cluster of Food and Agriculture	Toyohashi University of Technology	March 12, 2007	

2. Sixth Seminar on Organic Chemical Studies: Current Issues and Counterstrategies in Drift of Chemicals to the Atmosphere

The Sixth Seminar on Organic Chemical Studies was held on 5 October 2006 at the NIAES conference hall. Five domestic speakers experienced in pesticide drift to the atmosphere were invited from government, independent administrative institutions, and Japan's National Federation of Agricultural Co-operative Associations (Zen-Noh). There were a total of 119 participants.

Various organochemicals are drifting in the atmospheric environment, and sick house syndrome and chemical sensitivity have recently become serious problems. In agriculture, pesticide spraying causes spray and vapor drifts, and the population is also exposed directly and indirectly via the crop and soils. Twelve compounds are currently listed by the Stockholm Convention as persistent organic pollutants (POPs), and nine of them are pesticides or their byproducts. POPs are characterized by a high level of hazard (highly toxic) and high exposure potential (long persistence in the environment, high bioaccumulation, long distance transport). We are concerned that not only POPs but also pesticides are having adverse effects on human health and the environment. The objectives of this seminar were to define the current issues and counterstrategies in the risk management of chemicals in the atmosphere, including pesticide drift, and to discuss the directions of further studies.

The following topics were presented at the seminar: 1) Provisions for dealing with chemicals under the Air Pollution Control Law (M. Kida, Ministry of Environment); 2) Exhaust of pollutants and their behavior in the atmosphere (K. Kawamoto, National Institute for Environmental Studies); 3) Approaches to drift studies using an atmosphere-vegetation model (K. Inoue, National Agricultural Research Center; T. Watanabe, Forestry and Forest Products Research Institute); 4) Approaches to combating the spray drift of pesticides (Y. Kawahata, Zen-Noh); and 5) Status quo of studies of pesticide vapor drift, and new approaches to these studies (Y. Kobara, NIAES).

A group discussion was conducted to promote the exchange of opinions. Participants exchanged ideas on spray drift, vapor drift, and models to simulate drift. The general discussion emphasized the urgency and significance of these issues and revealed that participants had a mutual understanding of them.

3. The 24th Seminar on Soil and Water: Soil as a Base for Material Circulation—its Role in the Carbon Cycle

On 21 February 2007, the 24th Seminar on Soil and Water was held at the Tsukuba Norin Hall in the Tsukuba office of the Agriculture, Forestry and Fisheries Research Council Secretariat. At this seminar, as part of the international effort to address global warming since the Kyoto Protocol entered into force, the newest research results were reported and the discussion focused on the following points: 1) dynamics of soil carbon at the global and regional scales; 2) humus as inherent soil organic matter at a micro-scale; and 3) sustainability of soil fertility at the field scale under changing cultivation systems. The total number of participants on that day was 215: 90 from municipal governments, 13 from universities and colleges, 16 from private companies, 51 from national institutes, and 45 from NIAES.

Nine speakers gave presentations on the following topics: 1) Aim of the seminar: role of soil in the carbon cycle as a base for material circulation (K. Sugahara, NIAES); 2) Newest trends in research on the carbon cycle at a global scale: results of the Global Carbon Project and relevant projects of the Ministry of Environment (Y. Yamagata, National Institute for Environmental Studies); 3) Elucidation of the carbon cycle in an agriculture-forestry-fisheries ecosystem: introduction of the Global Warming Project of the Ministry of Agriculture, Forestry and Fisheries (K. Yagi, NIAES); 4) Evaluation of soil carbon change at a regional scale: extension of the Rothamsted C model (M. Yokozawa, NIAES); 5) Carbon balance of forest ecosystems, focusing on the pedosphere and long-term monitoring of soil respiration (A. Kishimoto, NIAES); 6) Relationship between dynamics of soluble organic matter in the soil and carbon accumulation (R. Wagai, Kyoto University); 7) Mechanism of accumulation of humic substances in the soil (N. Yamaguchi, NIAES); 8) Differences in farmland management practices and carbon sequestration in upland fields (N. Koga, National Agricultural Research Center for the Hokkaido Region); and 9) Influence of continuous paddy-upland rotations on soil fertility (N. Kato, National Agricultural Research Center for the Tohoku Region).

The general discussion focused on the following points:

1. Carbon cycle at a global scale

In relation to the carbon dynamics of East Asia, Dr. Yamagata pointed out problems such as the fact that organic matter flows out into water bodies as a result of the

destabilization of peat bogs. Because plans to drain wide areas of peat bogs for agricultural use are being implemented in Indonesia and Malaysia, it is possible that these areas will become sources of carbon dioxide.

2. Mechanism of accumulation of soil carbon

In response to the question of whether the long-term influence of paddy–upland rotation can be predicted by the Rothamsted C model, Dr. Yokozawa replied that he wanted to tackle it as a future subject. In response to the question of whether the maximum amount of carbon stored in the soil can be estimated from the soil contents of Al and Fe, Dr. Wagai and Dr. Yamaguchi replied that this would be difficult. Dr. Koga's response to the question of how much deep he evaluates in farmland was that he follows the guideline (30 cm) of the International Panel on Climatic Change (IPCC).

3. Management of organic matter and food production:

Dr. Morihiro Maeda made the following comments: 1) the application of organic materials with high carbon to nitrogen (C/N) ratios may have a negative effect on plant growth; and 2) paddy–upland rotations should not be stopped from the viewpoint of carbon decomposition, although they decrease the carbon content in soil. In addition, Dr. Koichiro Aramaki commented that, if the objective is to store carbon, then he would recommend extensive fertilizer application in the form of bark compost. In light of these comments, the discussion focused on the question of what kind of soil management is desirable to prevent the decrease in soil fertility that results from paddy–upland rotation.

4. 23rd Meteorology Workshop: Plant Responses to Air Pollutants and Global Changes

The 23rd Meteorology Workshop was held to on 9 March 2007, with eight speakers and about 130 participants, in the NIAES meeting hall. The objective of this symposium was to review research on plant response of to air pollutants and global changes in the past, present, and future. After the opening address by Dr. Y. Sato, President of NIAES, the eight speakers gave presentations. The topics can be summarized as follows. Dr. I. Nouchi, Director of NIAES, reviewed the results of the last 40 years of Japanese research on the effects of ozone

on plants. He showed that crop production in East Asia will decrease in response to the increase in ambient ozone concentration that is a consequence of the recent economic development in China. Dr. H. Saji (National Institute for Environmental Studies) explained that there are two strongly supported theories on the mechanism by which ozone injures plants: the active oxygen toxicity theory and the programmed cell death inducement theory. Dr. K. Ogawa (Center for Environmental Sciences in Saitama) conducted that a principal cause of the decline observed in Japanese cedar, *Cryptomeria Japonica*, in areas such as the plains of the Kanto district is not acid rain, but the recent periods of low air humidity and water stress. From the results of high-altitude observations of ambient ozone concentrations and simulations of mountain air streams, Dr. Y. Kohno (Central Research Institute of Electric Power Industry) proposed that the cause of decline of beeches on the mountaintops and ridgelines in the Tanzawa Ranges of Kanagawa Prefecture might be both the influence of ozone and the strong winds that are a product of the geography of the area. Dr. J. Hidema (Tohoku University) reported that UV-B enhancement levels of 40% above ambient decreased the yield of "Sasanishiki" rice and also increased the proportion of small brown rice grains. Dr. T. Hasegawa (NIAES) reported from FACE experiments that CO₂ enrichment at 200 ppm above ambient CO₂ concentration increased rice yield by about 14% in both Japan and China. Dr. T. Matsui (Gifu University) explained that there were two ways in which heat can induce spikelet sterility in rice plants: by defective pollen dispersal and by defective anther opening. From the results of field observations and the analysis of a heat balance model to simulate panicle temperature, Dr. M. Yoshimoto (NIAES) explained that the actual temperature of the panicles is more important than the air temperature in generating heat-induced spikelet sterility in rice plants. Finally, a panel discussion, "Development of research to evaluate plant responses to atmospheric environmental change" was held by the eight speakers. Panelist and participants agreed that the mobilization of wide research powers is essential if we are to promote research to predict changes in agricultural production from global warming, these changes are now an issue of the greatest concern worldwide.

Foreign Visitors

1. Foreign Scholars

Affiliation	Subject	Duration
Bangladesh, Agricultural University	Rice paddy flux observation in Bengal Lowland	May 22, 2006~ September 05, 2006
Bangladesh, Agricultural University	Rice paddy flux observation in Bengal Lowland	July 07, 2006~ July 27, 2006
Korea, Rural Development Administration	Corporative Research Project on "Exposure and risk assessment on the persistent organic pollutants(POPs)"	August 17, 2006~ August 20, 2006
Korea, National Institute of Agricultural Science and Technology	Corporative Research Project on "Exposure and risk assessment on the persistent organic pollutants(POPs)"	August 17, 2006~ August 20, 2006
China, Yangzhou University	FACE study to predict the impacts of atmospheric CO ₂ increase on rice production	December 01, 2006~ December 29, 2006
Thailand, Khon Kaen University	Development of control technology and traceability system for field crop production in safety	December 10, 2006~ December 16, 2006
Thailand, Khon Kaen Rice Research Center	Evaluating interactions between water cycle change and demand for water for food production	December 10, 2006~ December 16, 2006
Thailand, Department of Agriculture	NIAES International Symposium 2006	December 09, 2006~ December 16, 2006
Vietnam, University of Natural Sciences	NIAES International Symposium 2006	December 09, 2006~ December 16, 2006
Philippines, International Rice Research Institute	NIAES International Symposium 2006	December 10, 2006~ December 13, 2006
Philippines, International Rice Research Institute	NIAES International Symposium 2006	December 10, 2006~ December 16, 2006
Philippines, International Rice Research Institute	NIAES International Symposium 2006	December 10, 2006~ December 16, 2006
Australia, The University of Queensland	NIAES International Symposium 2006	December 10, 2006~ December 13, 2006
China, Institute of Soil Science	NIAES International Symposium 2006	December 10, 2006~ December 16, 2006
China, Institute of Soil Science	NIAES International Symposium 2006	December 10, 2006~ December 20, 2006
China, Fudan University	NIAES International Symposium 2006	December 11, 2006~ December 16, 2006
Korea, National Institute of Agricultural Biotechnology	NIAES International Symposium 2006	December 11, 2006~ December 16, 2006
Korea, National Institute of Agricultural Science and Technology	NIAES International Symposium 2006	December 11, 2006~ December 16, 2006
Korea, National Institute of Agricultural Science and Technology	NIAES International Symposium 2006	December 11, 2006~ December 16, 2006

Invitations, Training and Information Events

Affiliation	Subject	Duration
Korea, National Institute of Agricultural Science and Technology	NIAES International Symposium 2006	December 11, 2006 ~ December 16, 2006
India, Annamalai University	NIAES International Symposium 2006	December 11, 2006 ~ December 16, 2006
Sri Lanka, University of Peradeniya	NIAES International Symposium 2006	December 11, 2006 ~ December 16, 2006
China, China National Rice Research Institute	NIAES International Symposium 2006	December 11, 2006 ~ December 16, 2006
Indonesia, Bogor Agricultural University	NIAES International Symposium 2006	December 11, 2006 ~ December 16, 2006
Thailand, King Mongkut's University of Technology Thonburi	NIAES International Symposium 2006	December 11, 2006 ~ December 16, 2006
India, Ministry of Environment & Forests	NIAES International Symposium 2006	December 11, 2006 ~ December 16, 2006
Vietnam, Southern Institute of Water Resources Research	NIAES International Symposium 2006	December 11, 2006 ~ December 16, 2006
Korea, National Institute of Agricultural Science and Technology	Corporate Research Project on "Exposure and risk assessment on the persistent organic pollutants(POPs)"	December 14, 2006 ~ December 21, 2006
Korea, National Institute of Agricultural Science and Technology	Corporate Research Project on "Exposure and risk assessment on the persistent organic pollutants(POPs)"	December 14, 2006 ~ December 21, 2006
Korea, National Institute of Agricultural Science and Technology	Corporate Research Project on "Exposure and risk assessment on the persistent organic pollutants(POPs)"	December 14, 2006 ~ December 21, 2006
China, Northwest Plateau Institute of Biology, Chinese Academy of Science	Integrated Study for Terrestrial Carbon Management of Asia in the 21st Century Based on Scientific Advancements	December 19, 2006 ~ December 25, 2006
Thailand, Royal Forestry Department	Synthetic Evaluation of the Effects of Acidic Load on Material Flows in East Asian Catchments Areas	February 19, 2007 ~ February 24, 2007
China, Heilongjiang Academy of Agricultural Sciences	Synthetic Evaluation of the Effects of Acidic Load on Material Flows in East Asian Catchments Areas	February 25, 2007 ~ February 28, 2007
Bangladesh, Agricultural University	Rice paddy flux observation in Bengal Lowland	February 28, 2007 ~ March 20, 2007
Korea, National Institute of Agricultural Science and Technology	Japan-Korea Cooperative Research Project on Water Quality Conservation in Agro-Ecosystems and Assessment of Risk to the Environment	March 07, 2007 ~ March 09, 2007
Korea, National Institute of Agricultural Science and Technology	Japan-Korea Cooperative Research Project on Water Quality Conservation in Agro-Ecosystems and Assessment of Risk to the Environment	March 07, 2007 ~ March 09, 2007
Korea, National Institute of Agricultural Science and Technology	Japan-Korea Cooperative Research Project on Water Quality Conservation in Agro-Ecosystems and Assessment of Risk to the Environment	March 07, 2007 ~ March 09, 2007
Korea, National Institute of Agricultural Science and Technology	Japan-Korea Cooperative Research Project on Water Quality Conservation in Agro-Ecosystems and Assessment of Risk to the Environment	March 07, 2007 ~ March 09, 2007
Korea, National Institute of Agricultural Science and Technology	Japan-Korea Cooperative Research Project on Water Quality Conservation in Agro-Ecosystems and Assessment of Risk to the Environment	March 07, 2007 ~ March 09, 2007

Affiliation	Subject	Duration
Sri Lanka, (Tokyo Metropolitan University)	Analysis of the relationship between climate and ENSO and its influence on agriculture in Asia	April 27, 2006~ September 29, 2006, October 01, 2006~ March 01, 2007
Egypt, Assiut University	Demographic Dynamics and Sustainable Rural Development in Developing Countries	September 01, 2006~ November 03, 2006
Korea, National Institute of Agricultural Science and Technology	Exchange of opinions on the subjects agreed in the Japan-Korea Committee on the Agriculture, Forestry and Fisheries Technology Cooperation	October 17, 2006~ October 20, 2006
Korea, National Institute of Highland Agriculture	Exchange of opinions on the subjects agreed in the Japan-Korea Committee on the Agriculture, Forestry and Fisheries Technology Cooperation	October 17, 2006~ October 20, 2006
Korea, National Institute of Agricultural Science and Technology	Japan-Korea Cooperative Research Project on Water Quality Conservation in Agro-Ecosystems and Assessment of Risk to the Environment	October 17, 2006~ October 26, 2006
Korea, National Institute of Agricultural Science and Technology	Japan-Korea Cooperative Research Project on Water Quality Conservation in Agro-Ecosystems and Assessment of Risk to the Environment	October 17, 2006~ October 26, 2006
Korea, National Institute of Agricultural Science and Technology	Japan-Korea Cooperative Research Project on Water Quality Conservation in Agro-Ecosystems and Assessment of Risk to the Environment	March 07, 2007~ March 09, 2007
Korea, National Institute of Agricultural Science and Technology	Japan-Korea Cooperative Research Project on Water Quality Conservation in Agro-Ecosystems and Assessment of Risk to the Environment	March 07, 2007~ March 09, 2007

2. Fellows

Fellowship	Affiliation	Research Subject	Duration
JSPS Postdoctoral Fellowship	China, Institute of Soil Science	Characterization of soil microbial community structure related to N ₂ O emission by molecular analysis	October 20, 2004~ October 19, 2006
	China, Research Center for Eco-Environmental Sciences	Colloid-facilitated and dissolved transport of cadmium through cracked subsurface soils	October 25, 2004~ October 24, 2006
	China, Institute of Soil Science	Study on soil microbial emissions of nitrous oxide by 15N tracer technique	November 01, 2004~ October 31, 2006
	Egypt, Assiut University	Demographic dynamics and sustainable rural development in developing countries	April 01, 2005~ November 28, 2006
	Poland, Warsaw Agriculture University	DNA microarray studies of allelochemicals from buckwheat	August 02, 2005~ August 01, 2007
	Nihon University	A Comparative study of POPs exposure in Japan and Korea agro-environment based on the high-precision POPs analysis	September 01, 2005~ August 31, 2007
	UK, Rothamsted Research	Molecular methods for screening QoI resistance in powdery mildews in Japan	September 14, 2005~ September 13, 2007
	Iran, Shahrekord University	A study to improve consistency between morphological and DNA-using identification of soil nematodes	November 23, 2005~ November 22, 2007

Invitations, Training and Information Events

Fellowship	Affiliation	Research Subject	Duration
	Benin	Microbial community on sclerotia of <i>Sclerotium rolfsii</i>	November 30, 2005～ November 29, 2007
JSPS Invitation Fellowship	Russia, Agrophysical Research Institute	The evaluation and mitigation of greenhouse gas emissions from agricultural soils	May 12, 2006～ July 10, 2006
Eco-Frontier Fellowship	Thai, King Mongkut's University of Technology Thonburi	Modeling methane and nitrous oxide emissions from agri- cultural land in Asian countries	April 01, 2006～ March 31, 2007
	Lao, National Agriculture and Forestry Research Institute	Socio-economic assessment of alternative cropping sce- narios in slash/burn ecosystems in Lao PDR	December 23, 2006～ March 17, 2007
OECD cooperative research program	Korea, National Institute of Agricultural Science and Technology	Modeling the nitrogen dynamics at watershed scale for as- sessment of the impact on nitrogen on water quality and its mitigation through rice fields	April 24, 2006～ July 23, 2006
Hunan Higher Education Project	China, Hunan Agricul- tural University	Development of molecular methods for screening sub- stances to induce disease resistance in plants	May 01, 2006～ October 31, 2006
JISTEC Winter Institute	Korea, Seoul National University	The effect of landscape structure on birds-diversity of paddy area in Tone River Basin	January 15, 2006～ February 15, 2007
JICA	China, Chinese Academy of Agriculture Science	Utilization of agrometeorological information system	August 07, 2006～ August 29, 2006

Overseas Research and Meetings

1. Overseas Research Trips

Area	Country	Number of Times	Area	Country	Number of Times
Asia	China	19	Europe	France	4
	Thailand	16		Netherlands	2
	Korea	4		Spain	2
	Mongolia	3		Switzerland	2
	Taiwan	3		Germany	1
	Vietnam	3		Italy	1
	Indonesia	2		UK	1
	Bangladesh	1	America	Canada	1
	India	1		Ecuador	1
	Laos	1	Africa	Benin	1

2. Long-term Overseas Research

Scholarship	Name	Delegated Institution	Research Subject	Duration
NIAES Overseas Scholarship	Takehiro Yamanaka	USA, The Pennsylvania University	Analysis for the metapopulation structure of odonate species in ponds of a Japanese rural area	September 27, 2005 ~ September 25, 2006

3. Overseas Meetings

Meeting	Venue	Date	Participants from NIAES
European Geosciences Union General Assembly 2006	Austria	April 02, 2006 ~ April 09, 2006	1
The International Conference on Environmentally Sustainable Management of Agricultural Water Resources	Korea	April 16, 2006 ~ April 16, 2006	1
Application and Development of Functional Materials	Korea	April 16, 2006 ~ April 16, 2006	1
3rd International Symposium on Phosphorus Dynamics	Brazil	May 12, 2006 ~ May 21, 2006	1
26th Annual Conference of International Association of Impact Assessment	Norway	May 22, 2006 ~ May 27, 2006	1
The 28th Symposium of the European Society of Nematologists	Bulgaria	June 03, 2006 ~ June 11, 2006	1
EST-JSPS Frontier Science Conference "Climate Change"	Sweden	June 23, 2006 ~ June 30, 2006	1
International Symposium on Resources Recycling	Korea	June 25, 2006 ~ June 28, 2006	1
International Geographical Union 2006 Brisbane Conference	Austria	July 01, 2006 ~ July 08, 2006	1
18th World Congress of Soil Science	USA	July 08, 2006 ~ July 16, 2006	5
5th International Conference on Mycorrhiza	Spain	July 22, 2006 ~ July 29, 2006	1

Invitations, Training and Information Events

Meeting	Venue	Date	Participants from NIAES
APS/CPS/MSA Joint Meeting	Canada	July 28, 2006~ August 03, 2006	1
13th Meeting of the International Humic Substances Society	Germany	July 29, 2006~ August 06, 2006	1
Ecological Society of America's 91st Annual Meeting	USA	August 05, 2006~ August 13, 2006	2
Hennig XXV- The 25th Meeting of the Willi Hennig Society	Mexico	August 13, 2006~ August 20, 2006	1
8th International Mycological Congress	Australia	August 18, 2006~ August 26, 2006	1
11th International Symposium on Microbial Ecology (ISME-11)	Austria	August 20, 2006~ August 27, 2006	2
26th International Symposium on Halogenated Persistent Organic Pollutants (DIOXIN2006)	Norway	August 20, 2006~ August 27, 2006	3
19th International Diatom Symposium-2006	Russia	August 27, 2006~ September 04, 2006	1
CIGR(International Commission of Agricultural Engineering) World Congress	Germany	September 01, 2006~ September 08, 2006	1
British Ecological Society Annual Meeting 2006	UK	September 04, 2006~ September 09, 2006	1
232nd National American Chemistry Society Meeting	USA	September 09, 2006~ September 16, 2006	1
57th International Executive Council Meeting	Malaysia	September 12, 2006~ September 15, 2006	1
Environmental Radiochemical Analysis 10th International Symposium	UK	September 12, 2006~ September 17, 2006	1
19th International Conference on the 'Biology of Kluyveromyces'	Italy	September 14, 2006~ September 19, 2006	1
Joint IGAC/CACGP/WMO Symposium	South Africa	September 17, 2006~ September 23, 2006	1
10th International Specialized Conference on Diffuse Pollution and Sustainable Basin Management	Turkey	September 17, 2006~ September 23, 2006	1
International Workshop on Development of the Database (APASD) for Biological Invasion	Taiwan	September 18, 2006~ September 22, 2006	4
International Symposium of the Japan-Korea Research Corporation	Korea	September 19, 2006~ September 22, 2006	9
Plasmid Biology 2006	USA	September 23, 2006~ September 29, 2006	1
International Symposium on Recent Advances in Quantitative Remote Sensing	Spain	September 24, 2006~ October 10, 2006	1
The 27th Asian Conference on Remote Sensing	Mongolia	October 07, 2006~ October 14, 2006	1

Meeting	Venue	Date	Participants from NIAES
Climate Change Session, 2nd International Rice Congress, 2006	India	October 08, 2006～ October 15, 2006	1
The Biology of Transpiration: From Guard Cells to Globe	USA	October 09, 2006～ October 16, 2006	1
4th INRA/MAFF French-Japanese Seminar	France	October 11, 2006～ October 16, 2006	3
The 21st Annual Meeting of the Korean Society of Plant Pathology	Korea	October 24, 2006～ October 28, 2006	1
International Symposium on Impact Evaluation of Global Warming and Approach to Risk Analysis in East Asia	Taiwan	October 30, 2006～ November 03, 2006	1
2006 Annual Symposium of Korean Society of Environmental Engineers	Korea	November 01, 2006～ November 07, 2006	1
International and Interdisciplinary Workshop on Preferential Flow and Transport Processes in Soil	Switzerland	November 04, 2006～ November 10, 2006	1
SETAC(Society of Environmental Toxicology and Chemistry) North America 27th Annual Meeting	Canada	November 04, 2006～ November 11, 2006	1
International Symposium on Geoinformatics for Spatial Infrastructure Development In Earth and Allied Sciences	Vietnam	November 08, 2006～ November 12, 2006	1
ASA-CSSA-SSSA 2006 International Meetings	USA	November 14, 2006～ November 17, 2006	1
American Anthropological Association, 105th Annual Meeting	USA	November 14, 2006～ November 21, 2006	1
AsiaFlux Workshop 2006	Thailand	November 17, 2006～ December 02, 2006	1
4th International Symposium on Biocontrol and Biotechnology	India	November 25, 2006～ December 01, 2006	1
Preliminary Symposium for the 5th International Crop Science Congress	Korea	November 30, 2006～ December 02, 2006	1
Japan-China Seminar "Sustainable Agriculture"	China	December 07, 2006～ December 10, 2006	3
Workshop "Living in a Warmer World: Climate Change and Hong Kong"	China	December 10, 2006～ December 13, 2006	1
The Entomological Society of America (ESA) 2006 Annual Meeting	USA	December 10, 2006～ December 14, 2006	1
2006 AGU(American Geophysical Union) Fall Meeting	USA	December 10, 2006～ December 17, 2006	2
International Workshop on "Future Development for Environment Restoration and Disaster Reduction Technologies"	Taiwan	December 13, 2006～ December 17, 2006	1
The 4th Workshop on GHG Inventories in Asia	Indonesia	February 13, 2007～ February 15, 2007	1
International Workshop on Allelopathy - Current Trends and Future Applications	Pakistan	March 17, 2007～ March 23, 2007	1