

# Invitations, Training and Information Events

## Symposia and Workshops

### Conferences, Workshops, and Research Meetings

Title	Place	Date	Participants
<b>Symposium 2009</b>			
Development of soil biodiversity analysis system with environmental DNA	Tokyo	10 Sep 09	172
The recent status of soil biodiversity analyses using eDNA and the construction of the 'eDNA Database for Agricultural Soils' (eDDASs) were presented. The potential of these technologies in the assessment of soil microorganisms in various arable fields was discussed.			
MARCO Symposium Challenges for Agro-Environmental Research in Monsoon Asia	Tsukuba	5-7 Oct 09	445
After the keynote lecture, agricultural and environmental issues in monsoon Asia were comprehensively presented in the plenary session. Next, during the workshops, several issues, such as heavy metals, heat stress, natural plant resources, agro-ecosystems and their relationships with biodiversity, and techniques of metagenomic analysis, were discussed.			
2009 International Seminar on Pesticide and Persistent Organic Pollutants(POPs) Residues in the Environments and their Effects on Food Safety in association with MARCO	Taiwan	26-30 Oct 09	57
The current status of contamination by POPs in the ASPAC region, analytical methods, mitigation technologies to minimize residual POPs in soil and foods, and recommended standards and appropriate uses of chemical pesticides on Asian intensive small-scale farms were reviewed and discussed.			
Research Presentation, "Global Warming on Agriculture, Forestry and Fisheries – Present and Future of Environment or Food Production"	Tokyo	5 Nov 09	341
The purpose of this oral and poster presentation was to inform farmers, governmental officials, consumers, and students of the results of the research project entitled "Assessment and Development of Mitigation and Adaptation Techniques for Global Warming in the Sectors of Agriculture, Forestry, and Fisheries."			
The 2nd symposium of the research project "Selection of functional biodiversity indicators and development of assessment methods"	Tokyo	18 Nov 09	206
After the keynote speech, entitled "Agricultural and environmental policy in the EU," by Prof. M. Shobayashi of Gakushuin Women's College, an outline of the project and details of some research topics were presented. Many specimens of insects and spiders selected as indicators, and the equipment used to collect them, were displayed in the poster session.			
The first New Genome Symposium: Information Exchanges among Project Members , Researchers of Prefecture's Institutes and so on.	Tokyo	4 Dec 09	165
The research project was summarized, and the research outcomes of the project were presented and discussed with regard to the administrative techniques necessary to secure safety in the industrial use of GMOs.			
The 2th New Genome Symposium: The Situation of R&D and Commercialization of GM Crops in China	Tokyo	21 Jan 10	165
Leading research on GMOs and systems to regulate GMOs in China were first presented; then, information about research trends in China and Japan regarding systems of regulation of GMO crops was exchanged.			

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Title	Place	Date	Participants
<b>Symposium 2009</b>			
The 3th New Genome Symposium: Perspective of the coexistence of conventional crops with GM crops in EU	Tokyo	10 Feb 10	95
Research outcomes and information about trends in EU research on regulatory systems for GMO crops were first presented; the issue of conventional crops coexisting with GMO crops was then discussed.			
<b>Seminar</b>			
NIAES Open Seminar: Status and perspective of the study on intellectual property in the field of Agro-biology: New strategy as a portal site for GBIF and biodiversity information.	Tsukuba	13 July 09	130
The objectives and current status of the GBIF (Global Biodiversity Information Facility) were presented; then, many examples of intellectual property owned by NIAES (National Institute for Agro-Environmental Sciences), NIAS (National Institute of Agrobiological Sciences), and NCSS (National Center of Seeds and Seedlings) were presented and their effective uses discussed.			
NIAES Open Seminar in Shiga – Consideration of global warming and water in agricultural environment –	Shiga	17 Nov 09	77
Examples of the latest research in topics such as global warming and water in agricultural environments were presented by the Shiga Prefecture Agricultural Technology Promotion Center and NIAES to promote cooperation in future research.			
<b>Research Meeting</b>			
Associated Seminar of Ninth Seminar on Organic Chemical Studies and 26th Research Meeting on Pesticides: Impact of pesticide runoff from paddy field on ecosystem of inland water	Tsukuba	9 Sep 09	187
Examples of recent topics in risk assessment and management of paddy pesticides in inland aquatic ecosystems were reviewed and discussed from the viewpoints of government (MAFF/MOE), research, development, and practical measures.			
The 27th Seminar on Soil and Water: Overcome the trade-off problems on food safety and agricultural environment	Tsukuba	25 Feb 10	167
Examples of recent research topics on food safety and the agricultural environment in relation to trade-off relationships were presented, and a new method of integrating the separate results of various research fields was discussed.			

# Foreign Visitors

## 1. Foreign Scholars

Affiliation	Subject	Duration
USA, United State Department of Agriculture, Agricultural Research Service	Cooperative research under OECD fellowship	Jun 16, 2009 ~ Aug 15, 2009
New Zealand, Landcare Research New Zealand Ltd.	Cooperative research between Landcare Research under MOU	Jun 24, 2009 ~ Jul 1, 2009
Netherlands, International Geo-information Sciences and Earth Observation	Large scale projection of plant productivity with satellite image data	Jun 27, 2009 ~ Jul 4, 2009
USA, Pennsylvania State University	Cooperative research on the isolation, identification, and mechanism of novel bioactive substance	Jul 1, 2009 ~ Jul 11, 2009
Philippines, International Rice Research Institute	Effect of temperature and humidity on dry matter Production and partition in rice	Jul 12, 2009 ~ Oct 9, 2009
China, Agricultural University of Hebei	Measurement of greenhouse gas from farmland	Aug 24, 2009 ~ Feb 20, 2010
Poland, Institute of Genetics and Biotechnology, University of Warsaw	Effect of allelochemicals on plant gene using DNA microarray	Sep 1, 2009 ~ Oct 3, 2009
Korea Water Resources Corporation	Multi-residual analysis and sampling methods for POPs in water	Sep 7, 2009 ~ Sep 18, 2009
Australia, Charles Sturt University	Participation in MARCO Symposium 2009	Early Oct, 2009
Australia, Commonwealth Scientific and Industrial Research Organisation	Participation in MARCO Symposium 2009	Early Oct, 2009
Bangladesh Rice Research Institute	Participation in MARCO Symposium 2009	Early Oct, 2009
Canada, Agriculture and Agri-Food Canada	Participation in MARCO Symposium 2009	Early Oct, 2009
China Agricultural University	Participation in MARCO Symposium 2009	Early Oct, 2009
China, Chinese Academy of Sciences	Participation in MARCO Symposium 2009	Early Oct, 2009
China, Research Centre for Eco-Environmental Sciences	Participation in MARCO Symposium 2009	Early Oct, 2009
China, University of Hong Kong	Participation in MARCO Symposium 2009	Early Oct, 2009
China, Yangtze University	Participation in MARCO Symposium 2009	Early Oct, 2009
Egypt, Beni Suef University	Participation in MARCO Symposium 2009	Early Oct, 2009
France, Ecole Centrale de Lyon	Participation in MARCO Symposium 2009	Early Oct, 2009
French Agricultural Research Center for International Development	Participation in MARCO Symposium 2009	Early Oct, 2009
Germany, University of Bonn	Participation in MARCO Symposium 2009	Early Oct, 2009
Indian Agricultural Research Institute	Participation in MARCO Symposium 2009	Early Oct, 2009
Iran, Ferdowsi University of Mashhad	Participation in MARCO Symposium 2009	Early Oct, 2009
Korea, Mine Reclamation Corporation Coal Center	Participation in MARCO Symposium 2009	Early Oct, 2009
Korea, National Academy of Agricultural Science	Participation in MARCO Symposium 2009	Early Oct, 2009
Korea, Pohang University of Science and Technology	Participation in MARCO Symposium 2009	Early Oct, 2009

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<b>Affiliation</b>	<b>Subject</b>	<b>Duration</b>
Malaysia, University of Malaya	Participation in MARCO Symposium 2009	Early Oct, 2009
Myanmar, Department of Agriculture Research	Participation in MARCO Symposium 2009	Early Oct, 2009
Netherlands, University of Groningen, The Netherland	Participation in MARCO Symposium 2009	Early Oct, 2009
Netherlands, Wageningen University	Participation in MARCO Symposium 2009	Early Oct, 2009
Netherlands, Wageningen University and Research Centre	Participation in MARCO Symposium 2009	Early Oct, 2009
Philippines, International Rice Research Institute	Participation in MARCO Symposium 2009	Early Oct, 2009
Philippines, University of the Philippines	Participation in MARCO Symposium 2009	Early Oct, 2009
Slovak Rep., Comenius University in Bratislava	Participation in MARCO Symposium 2009	Early Oct, 2009
Sri Lanka Council for Agricultural Research Policy	Participation in MARCO Symposium 2009	Early Oct, 2009
Sri Lanka, University of Peradeniya	Participation in MARCO Symposium 2009	Early Oct, 2009
Swiss Federal Institute of Technology	Participation in MARCO Symposium 2009	Early Oct, 2009
Taiwan Banana Research Institute	Participation in MARCO Symposium 2009	Early Oct, 2009
Taiwan, College of Bioresources and Agriculture	Participation in MARCO Symposium 2009	Early Oct, 2009
Taiwan, National Taiwan University	Participation in MARCO Symposium 2009	Early Oct, 2009
Thailand, Office of Science for Land Development	Participation in MARCO Symposium 2009	Early Oct, 2009
UK, Rothamsted Research Center	Participation in MARCO Symposium 2009	Early Oct, 2009
UK, University of Cambridge	Participation in MARCO Symposium 2009	Early Oct, 2009
USA, Cornell University	Participation in MARCO Symposium 2009	Early Oct, 2009
USA, Texas A&M University Systems	Participation in MARCO Symposium 2009	Early Oct, 2009
USA, University of Florida, USA	Participation in MARCO Symposium 2009	Early Oct, 2009
USA, University of Oklahoma	Participation in MARCO Symposium 2009	Early Oct, 2009
Viet Nam, Ha Noi University of Agriculture	Participation in MARCO Symposium 2009	Early Oct, 2009
China, Chinese Academy of Sciences	Elucidation of the relationship between soil pollution type and form of heavy metals	Oct 1, 2009~ Dec 27, 2009
UK, Natural Environment Research Council	Lecture at Asia-Pacific Congress of Entomology	Oct 18, 2009~ Oct 24, 2009
Malaysian Agricultural Research and Development Institute	Lecture at Asia-Pacific Congress of Entomology	Oct 18, 2009~ Oct 24, 2009
Netherlands, International Geo-information Sciences and Earth Observation	discussion on the cooperative research "Space utilization program"	Dec 7, 2009~ Dec 11, 2009
China, Chinese Academy of Sciences	Comparing investigation of nitrogen cycle models	Jun 10, 2010~ Feb 10, 2010

<b>Affiliation</b>	<b>Subject</b>	<b>Duration</b>
China, Chinese Academy of Sciences	Degradation and mineralization of organoarsenic compounds using degradation bacteria	Jun 12, 2010~ Mar 31, 2010
Malaysian Meteorological Department	Workshop on “Research on prediction of acidification and nitrogen Loss of ecosystem using watershed model in east Asia”	Feb 20, 2010 ~ Feb 24, 2010
Thailand, Forest Research and Development Bureau	Workshop on “Research on prediction of acidification and nitrogen Loss of ecosystem using watershed model in east Asia”	Feb 20, 2010 ~ Feb 24, 2010
Thailand, Environmental Research and Training Center	Workshop on “Research on prediction of acidification and nitrogen Loss of ecosystem using watershed model in east Asia”	Feb 20, 2010 ~ Feb 24, 2010
Thailand, Silviculture Research Division, Royal Forest Department	Workshop on “Research on prediction of acidification and nitrogen Loss of ecosystem using watershed model in east Asia”	Feb 20, 2010 ~ Feb 24, 2010
China, Agricultural University of Hebei	Measurement of greenhouse gas from farmland	Feb 21, 2010 ~ Aug 22, 2010
UK, University of Manchester	Meeting and investigation under the project “Selection of functional biodiversity indicators and development of assessment methods”	Feb 28, 2010 ~ Mar 9, 2010
Turkey, Niigata University	Isolation and accumulation of persistent chemical degrading bacteria	Mar 1, 2010 ~ Mar 12, 2010
Thailand, King Mongkut’s Univ. of Technology thonburi	Pre-award meeting for “Research on strategic scenario of low carbon emission energy technology in Thailand”	Mar 21, 2010 ~ Mar 26, 2010

## 2. Fellows

<b>Fellowship</b>	<b>Affiliation</b>	<b>Subject</b>	<b>Duration</b>
JSPS-Postdoctoral fellowships for foreign researchers	China, Chinese Academy of Sciences	Elucidation of Varietal difference mechanism of growth response against atmospheric carbon dioxide increase	Jul 1, 2009 ~ Jun 30, 2011
JSPS- Invitation fellowship programs for research in Japan	Phillipines, International Rice Research Institute	Effects of increasing nocturnal temperature on rice organ development and grain yield	Jun 15, 2009 ~ Nov 15, 2009
JSPS- Invitation fellowship programs for research in Japan	Netherlands, Wageningen University	Comparative study on ecosystem service of “Nature Management Farming”	Mar 2, 2009 ~ Apr 9, 2009
JSPS- Invitation fellowship programs for research in Japan	China, Chinese Academy of Sciences	Acceleration of carbon cycle studies in Asian terrestrial ecosystem by China-Japanise colaboration	Mar 11, 2010 ~ May 8, 2010
JSPS- Summer program	USA, University of Kansas		Jun 23, 2009 ~ Aug 24, 2009

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## 3. Training

Affiliation	Subject	Duration
Korea, Tokyo City University	Isolation and identification of allelochemicals	Apr 1, 2009 ~ Mar 31, 2010
Iran, University of Tsukuba	Analytical method of gene expression of soil microorganism	Apr 1, 2009 ~ Jun 30, 2009
Ghana, Yokohama National University	Analytical method of PCB in the atmosphere	Apr 6, 2009 ~ Mar 31, 2010
Paraguay, Tokyo University of Agriculture	Isolation and identification of allelochemicals	Apr 6, 2009 ~ Mar 31, 2010
Peru, Tokyo University of Agriculture	Isolation and identification of allelochemicals	Apr 6, 2009 ~ Dec 28, 2009
Pakistan, University of Tsukuba	Isolation and identification of allelochemicals	May 25, 2009 ~ Feb 18, 2010
Pakistan, PMAS Arid Agriculture University	Isolation and identification of allelochemicals	Jun 18, 2009 ~ Sep 30, 2010
Iran, University of Tsukuba	Analysis of Cadonium using ICP-MS	Aug 24, 2009 ~ Nov 6, 2009
Iran, University of Tsukuba	Training in analytical method of soil bacterial gene expression	Sep 1, 2009 ~ Mar 31, 2010
Iran, University of Tsukuba	Quantitative analysis of the component in humic substance	Nov 12, 2009 ~ Mar 31, 2010

## Overseas Research and Meetings

### 1. Overseas Research Trips

Area	Country	Number of Times	Area	Country	Number of Times
Asia	Bangladesh	2	Europe	Austria	3
	China	50		Czech Republic	1
	India	3		Denmark	1
	Kazakhstan	1		Finland	1
	Korea	28		France	5
	Malaysia	4		Germany	2
	Mongolia	1		Italia	1
	Philippines	5		Netherlands	1
	Taiwan	9		Norway	2
	Thailand	9		Portugal	1
	Vietnam	7	Russia	2	
			Spain	3	
Oceania	Australia	3		Sweden	2
	New Zealand	2		Switzerland	5
Africa	Sudan	1	America	UK	3
				Canada	3
	Chile	2			
	Peru	2			
	USA	33			

### 2. Overseas Meetings

Meeting	Venue	Date	Participants from NIAES
Co-operative Research Programme: Biological Resource Management for Sustainable Agricultural Systems “Challenges for Agricultural Research”	Czech Republic	Apr 6-8, 2009	1
European Geosciences Union General Assembly 2009	Austria	Apr 19-24, 2009	1
Meeting for joint research on “Development of bioremediation of heavy metal polluted soil for food safety” under JST Strategic International Cooperative Program	China	Apr 23-28, 2009	7
The 5th Sustainable Energy and Environment Forum	Thailand	May 17-18, 2009	1
The 6th INRA-AFFRC-Universities French-Japanese Seminar on Food Safety, Novel Food, and Sustainable Environment to promote Animal and Human Health	France	Jun 7-12, 2009	2
Bacterial Genetics and Ecology - Coexisting on a Changing Planet X	Sweden	Jun 15-19, 2009	1
The 7th meeting of EFDB Editorial Board and the 2nd & 3rd data meetings for EFDB	Chile	Jun 22-26, 2009	2
International Symposium on Soil Organic Matter Dynamics: Land Use, Management and Global Change	USA	Jul 7-9, 2009	1
The 8th Workshop on Greenhouse Gas Inventories in Asia	Korea	Jul 7-10, 2009	1
Seventh International Conference on Ecosystems and Sustainable Development	Italia	Jul 8-10, 2009	1
Plant Biology 2009	USA	Jul 18-22, 2009	1

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Meeting	Venue	Date	Participants from NIAES
Working group meeting: Applying population ecology to strategies for eradicating invasive forest insects	USA	Jul 20-24, 2009	1
IAMAS/IAPSO/IACS 2009 Joint Assembly	Canada	Jul 19-29, 2009	1
The 56th field workshop of pedologist	Canada	Aug 1-9, 2009	1
94th Ecological Society of America annual meeting	USA	Aug 2-7, 2009	1
The 1st World Congress of Environmental History	Sweden, Denmark	Aug 4-8, 2009	1
World Soybean Research Conference VIII	China	Aug 10-15, 2009	1
International workshop on mineral aerosol and its impacts on climate and environment	China	Aug 17-19, 2009	1
International Symposium, "Invasive Plants in the Northeast of Asia and America: Trading Problems, Trading Solutions"	USA	Aug 10-12, 2009	2
The 25th Annual meeting of the International Society of Chemical Ecology	Switzerland	Aug 23-27, 2009	1
The 29th Internatl Symposium on Halogenated Persistent Organic Pollutants	China	Aug 23-28, 2009	2
The 12th European Weed Research Society International Symposium on Aquatic Weeds	Finland	Aug 24-28, 2009	1
Tenth Senior Technical Managers' Meeting of the Acid Deposition Monitoring Network in East Asia	Thailand	Aug 26-28, 2009	1
The 16th International Plant Nutrition Colloquium	USA	Aug 26-30, 2009	5
The 5th International Technical Symposium on Food Processing, Monitoring Technology in Bioprocesses and Food Quality Management	Germany	Aug 31- Sep 2, 2009	1
Conference on the Environmental Impacts of Carbon and Nitrogen Cycles in Terrestrial Ecosystems in Monsoon Asia	China	Sep 7-11, 2009	10
The 19th International Symposium on Environmental and Biogeochemistry	Germany	Sep 14-18, 2009	1
Joint NASA LCLUC Science Team Meeting and GOFCEGOLD/NERIN, NEESPI, MAIRS Workshop-Monitoring land cover, land use and fire in agricultural and arid regions of Northern Eurasia	Kazakhstan	Sep 15-20, 2009	1
ASEAN-Japan Training Workshop on Climate Change Application in ASEAN	Malaysia	Oct 5-9, 2009	1
Phyto2009	Switzerland	Oct 12-16, 2009	2
The 6th Asia-Pacific Congress of Entomology	China	Oct 18-22, 2009	4
The 30th Asian Conference on Remote Sensing	China	Oct 19-23, 2009	1
The 16th Asian symposium on ecotechnology	China	Oct 19-23, 2009	1
Pesticide and Persistent Organic Pollutants (POPs) Residues in the Environments and their Effects on Food Safety	Taiwan	Oct 26-30, 2009	1
The 5th Asia Pacific Association of Chemical Ecology	USA	Oct 26-30, 2009	4
The 9th East and Southeast Asia Federation of Soil Science International Conference	Korea	Oct 27-28, 2009	13



Meeting	Venue	Date	Participants from NIAES
1st China-Japan-Korea Workshop on Pesticide Science	China	Oct 28-30, 2009	1
ASA-CSSA-SSSA 2009 International Annual Meetings	USA	Nov 1-5, 2009	4
The 4th International Conference on Coexistence between Genetically Modified (GM) and no-GM based Agricultural Supply Chains	Australia	Nov 10-12, 2009	3
Seminar on “Towards a sustainable management of the noxious weeds mesquite ( <i>Prosopis</i> spp.) and <i>Striga hermonthica</i> in Sub-Saharan Africa”	Sudan	Nov 10-11, 2009	1
Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions	USA	Nov 10-13, 2009	1
OECD Governing Body of the Co-operative Research Programme	France	Nov 17-18, 2009	1
Managing Climate Change MC2 Conference, “Processes, Measurements, Modelling and Mitigation of Greenhouse Gases”	New Zealand	Nov 18-20, 2009	1
Society of Environmental Toxicology and Chemistry North America 30th Annual Meeting	USA	Nov 19-23, 2009	1
American Anthropological Association 108th Annual Meeting	USA	Dec 2-6, 2009	1
American Geophysical Union Fall Meeting 2009	USA	Dec 14-18, 2009	4
The 1st International Conference of Asian Allelopathy Society	China	Dec 18-22, 2009	2
Climate/Environmental Change Symposium	Korea	Jan 12-13, 2010	1
The 3rd Carbo EastAsia Workshop 2010	China	Jan 12-13, 2010	1
University of Tokyo (IR3S) - KAU joint workshop - Natural resources and livelihoods in Rural Asia : Bridging the Gap for Global sustainability	India	Jan 21-22, 2009	1
Society of Environmental Toxicology and Chemistry Asia/Pacific Joint Conference	Vietnam	Mar 1-5, 2010	1
NCEAS Working group	USA	Mar 16-19, 2009	1
Conference Stable Isotopes and Biogeochemical Cycles in Terrestrial Ecosystems	Switzerland	Mar 21-26, 2010	1
The 18th International Conference of the European Bird Census Council	Spain	Mar 22-26, 2009	1
OECD Workshop on Agri-Environmental Indicators	Switzerland	Mar 23-26, 2009	1
International Workshop on Environment, Agriculture and Socio-economic Change in Rural India	Korea	Mar 29-30, 2009	1
The 2nd International Conference on Environment, Agriculture and Socio-economic Change in India	Korea	Mar 29-30, 2009	1

## Career Building Programs

### 1. NIAES Model Program for Female Researchers

As part of the efforts to promote gender equality, we launched programs to support female researchers. In the “NIAES Model of the Bi-directional Career Building Program”, a project for the support of female researchers funded by the Science and Technology Promotion Fund of the Ministry of Education (2009 - 2011), both providers and recipients of the support aim through their mutual efforts to build the recipient’s career and experience. This program has three goals such as: formation of a research career, assistance for work-life balance, and the expansion of the pool of the next generation of researchers. Major support actions include:

- 1 Mentor program
- 2 Lectures on playing role models
- 3 Employment of assistant researchers
- 4 Health and mental health counseling
- 5 Outreach activities (Visiting lectures, Science Café, etc.)

We have also started to reform the system within our institution. As part of this effort, we have established a special support fund to begin providing support for the development of female researchers’ careers through assistance with expenses for overseas trips and editing of English language papers for publication.

Some events were held as follows :

#### (1) NIAES Science Café: Metamorphosis of Suspect N

November 14 The NIAES Science Café event “Metamorphosis of Suspect N” was held at Restaurant Taki inside the Tsukuba Expo Center. The Science Café is a place for experts and non-experts to discuss science in a relaxed atmosphere over a cup of coffee or tea. Twenty-five people participated in this café event including junior and high school students.

First, Junko Shindo, Senior Researcher of the Carbon and Nutrient Cycles Division gave the participants graphic presentations of the nitrogen that enters Japan through food production and consumption; nitrogen that circulates through crops, soil, livestock and humans; and the flow of nitrogen that enters the environment. She then described by using Japan and China as examples how the scale of these flows changes according to the changes in human activities. Next, she had the participants think what impact the increased food production might have on the environment and



Senior Researcher Junko Shindo giving a lecture to her audience

what we could do to mitigate its impact. The participants had a lot of comments concerning the environment. This event was a great opportunity to think about a relationship between agriculture and the environment.

#### (2) Lecture on foreign examples of role models for female researchers

“Opportunities and Constraints for Female Scientists in France for Maintaining a Work-Life Balance”

We invited Dr. Delphine Luquet of the French Agricultural Research Centre for International Development (CIRAD) to give a lecture on the work environment at the CIRAD as well as a typical week in her personal life on October 7. Dr. Luquet told us that, thanks to child care support from the national



Dr. Luquet from France talking to her audience

government coupled with France's laid-back approach to marriage and supportive partners, the gender ratio among young researchers at CIRAD was 1:1 in spite of there being no "affirmative action" to ensure the hiring of female researchers. The balancing of child care and research activities relied not only on assistance from her employer and her husband but also on considerable efforts of her own. Still, she assured us that she was enjoying raising children and engaging in her hobbies. Her lecture stretched for nearly forty minutes, including the question-and-answer period with discussions in a lively spirit. The participants, who accounted for more than 10% of our employees of the NIAES, and nearly 80% of our female researchers, listened to Dr. Luquet's lecture with intense interest.

### (3) Visiting lectures at universities and high schools

We launched a new activity program under which our female researchers visit universities and high school and talk about their research as well as their backgrounds so as to showcase "researcher" as a profession to female students. This year, we had classes at Kyoto University, Tokyo University of Agriculture and Technology, Ibaraki Prefectural Mito Second High School, and Tokyo Metropolitan Koishikawa Secondary Education School. We believe we have successfully sent our message to undergraduate and post-graduate students who have contact with their professors rather than researchers outside of their schools. In addition, for the high school students, they got more interested in specific research activities after observing the actual insects used in the experiment.



Senior Researcher Noguchi giving a lesson at Mito Second High School

## 2. 2009 (Second) NIAES Young Researchers Encouragement Awards

Senior Researcher Baba (Organochemicals Division) was awarded for the "Study of Analytical Method for Cadmium and Arsenic", and Senior Researcher Yamanaka (Biodiversity Division) was awarded for the "Analysis of Occurrence Patterns of Diverse Insect Fauna Living in the Agricultural Environment".

These awards are given to researchers employed by NIAES (regular researchers and NIAES special researchers) who are 40 years old or younger and have achieved notable success in their research efforts.



Senior Researcher Baba giving an award-winner lecture



Senior Researcher Nakayama at the podium receiving his award