

1.4 Exchange Programs

(1) Researchers' Travels Abroad

Shinoda, M.

Mongolia (5 May 2009 - 23 May 2008)

'Study on dust emission and disaster'

Funded by the Global COE Program

China (15 Oct. 2009 - 21 Oct. 2009)

'Invited speech at the International Symposium on Multiphase Flow in Atmospheric Boundary Layer: Wind Erosion, Dust Storms, Sand Saltation, Snow Drift'

Funded by Lanzhou University

Anyoji, H.

People's Republic of China (8-19 August 2009)

'Technical cooperation expert (Water saving in irrigation to grass land)'

JICA

Arab Republic of Egypt (23-31 August 2009)

'Field survey on irrigation system in Dakhla Oasis'

Joint Research Fund

People's Republic of China (6-15 October 2009)

'Field survey on agriculture in Shinmuu'

Donation by a private sector

Hashemite Kingdom of Jordan (10-16 January 2010)

'Presentation at the applied research seminar organized by JICA'

JICA

The Republic of the Sudan (14-20 February 2010)

'Field survey and research on irrigation situation in Sudan'

Funded by the university fund

Kimura, R.

Mongolia (11 May 2009 - 18 May 2009)

'Observation on dust outbreak in Bayan-Unjuul'

Funded by Global COE Program

Arab Republic of Egypt (24 Aug. 2009 - 1 Sep. 2009)

'Interdisciplinary study on the system of irrigation and drainage in Rashda village, Dakhla oasis'

Funded by the Cooperative Research Program of ALRC

People's Republic of China (13 Sep. 2009 - 17 Sep. 2009)

'CAS-JSPS core university program, Japan-China joint seminar 2009'

Funded by Core University Program

People's Republic of China (28 Feb. 2010 - 9 Mar. 2010)

'Installation of dust monitoring system'

Funded by JAXA Global Change Observation Mission

Yasuda, H.

People's Republic of China (9 May 2009 - 21 May 2009)

'Observation on hydrology in Shenmu'

Funded by the Global COE Program

People's Republic of China (6 October 2009 – 15 October 2009)

‘Observation on hydrology in Shenmu’

Funded by the Global COE Program

Sweden Kingdom (11 June 2009 – 25 June 2009)

‘Transport in heterogeneous soil in arid environment’

Own fund

Sweden Kingdom (18 August 2009 – 4 September 2009)

‘Transport in heterogeneous soil in arid environment’

Own fund

The Republic of the Sudan (14 February 2010 – 22 February 2010)

‘Interaction between intrusive plants and groundwater in arid lands’

Funded by the Research Institute for Humanity and Nature

Tsunekawa, A.

Republic of Tunisia (29 Aug. 2009 - 4 Sep. 2009)

‘Participation in the MS Program Committee meeting’

Funded by the Global COE Program and JSPS International Training Program

People's Republic of China (13 Sep. 2009 - 16 Sep. 2009)

‘Participation in Core University Program Joint Open Seminar’

Funded by Core University Program

Argentine Republic (20 Sep. 2009 - 27 Sep. 2009)

‘Participation in the Conference of the Committee on Science and Technology of UNCCD’

Funded by the Ministry of Environment

Mexico (27 Oct. 2009 - 4 Nov. 2009)

‘Research meeting with INIFAP and field survey’

Funded by Global COE Program

People's Republic of China (6 Jan. 2010 - 12 Jan. 2010)

‘Participation in the MS Program Committee meeting’ (8 - 9 Jan.)

‘Interview with candidate students with governmental scholarship’ (11 Jan.)

Funded by the Core University Program and Global COE Program

People's Republic of China (27 Jan. 2010 - 31 Jan. 2010)

‘Meeting for Core University Program’

Funded by the Core University Program

Syria (26 Feb. 2010 - 3 Mar. 2010)

‘Meeting on collaborative activities with ICARDA’

Funded by the Global COE Program

Tsubo, M.

Mongolia (31 Aug. 2009 - 12 Sep. 2009)

‘Field survey’

Funded by Global COE Program

United Republic of Tanzania (13 Oct. 2009 - 22 Oct. 2009)

‘Field survey’

Funded by Global COE Program

Syrian Arab Republic (20 Nov. 2009 - 28 Nov. 2009)

‘Lecture for the program’

Funded by JSPS International Training Program (ITP)
Republic of South Africa (9 Dec. 2009 - 10 Jan. 2010)
'Field survey'

Funded by JSPS Joint Research Project
Republic of South Africa (21 Mar. 2010 - 4 Apr. 2010)
'Field survey'
Funded by JSPS Joint Research Project

Tsuji, W.

India (9 Apr. 2009 - 3 May 2009)
'Field experiments in ICRISAT (International Crops Research Institute for the Semi-Arid Tropics)'
Funded by the "Japan Society of the Promotion of Science, Grant-in-Aid for Young Scientists (B)"
People's Republic of China (12 Sep. 2009 - 17 Sep. 2009)
'Participation and presentation in Japan-China Joint Open Seminar on Combating Desertification and Development in Inland China'
Funded by the "Core University Program"

Ito, T.

People's Republic of China (11 Jul. 2009 - 17 Jul. 2009)
'Participation in the 23rd Annual Meeting of Society for Conservation Biology'
Funded by Grant-in Aid-for Scientific Research
Argentina Republic (7 Aug. 2009 - 17 Aug. 2009)
'Participation in the 10th International Mammalogical Congress'
Funded by Grant-in Aid-for Scientific Research
Mongolia (24 Aug. 2009 - 12 Sept. 2009)
'Field research on ecology and conservation of wild mammals'
Funded by Grant-in Aid-for Scientific Research,
Global COE Program
Republic of Kazakhstan (6 Nov. 2009 - 18 Nov. 2009)
'Field research on dynamics of drought memory'
Funded by Grant-in Aid-for Scientific Research
Republic of China (20 Nov. 2009 - 26 Nov. 2009)
'Participation in the 2009 Annual Meeting of the Mammalogical Society of Japan'
Funded by Grant-in Aid-for Scientific Research
Republic of South Africa (9 Dec. 2009 - 23 Dec. 2009)
'Field research on drought early warning system'
Funded by the Joint Research Grant under the NRF/JSPS Scientific Cooperation Agreement
Mongolia (28 Feb. 2010 - 9 Mar. 2010)
'Experiment on seed dispersal by large mammals in Mongolia'
Funded by Global COE Program

Inoue, T.

Republic of the Sudan (23 Oct. 2009 - 7 Nov. 2009)
'Conducting joint research on root parasitic weed *Striga hermonthica* with scientists of Sudan'

University of Science and Technology”
Funded by the Asia Africa Science Platform Program
Syrian Arab Republic (19 Nov. 2009 – 28 Nov. 2009)
‘Conducting joint research on wheat with wheat breeders at ICARDA’
Funded by the Japan’s Fund to ICARDA
Syrian Arab Republic (11 Mar. 2010 – 19 Mar. 2010)
‘Conducting joint research on wheat with wheat breeders at ICARDA’
Funded by the Institutional Program for Young Researcher Overseas Visits

Inoue, M.

People’s Republic of China (28 Apr. - 8 May 2009)
‘Study on combating desertification and development in the inland region of China’
Funded by Core-University Program
Mauritania and Qatar (10 - 19 Jun. 2009)
‘Research on water-saving vegetable cultivation using recycled products’
Funded by Next-generation industrial development project of local resources
Mauritania (9 - 17 Sep. 2009)
‘Field research on water-saving vegetable cultivation under sub-surface irrigation’
Funded by Global COE Program
Saudi Arabia (10 – 15 Oct. 2009)
‘Presentation in the International Conference on Water Conservation in Arid Regions’
Funded by Global COE Program
USA (31 Oct. – 6 Nov. 2009)
‘Presentation in the International Conference on water-saving irrigation for sustainable production in drylands’
Funded by JST-JICA research project of Science and Technology Research Partnership for Sustainable Development
Egypt (15 – 25 Nov. 2009)
‘Field survey on sustainable systems for food and bio-energy production with water-saving irrigation in the Egyptian Nile basin’
Funded by JST-JICA research project of Science and Technology Research Partnership for Sustainable Development
People’s Republic of China (23 – 27 Dec. 2009)
‘Study on combating desertification and development in the inland region of China’
Funded by Core-University Program
Egypt (2 – 12 Mar. 2010)
‘Discussion and field survey sustainable systems for food and bio-energy production with water-saving irrigation in the Egyptian Nile basin’
Funded by JST-JICA research project of Science and Technology Research Partnership for Sustainable Development
Morocco (29 Mar. – 6 Apr. 2010)
‘Field survey on water-saving vegetable cultivation using recycled products in Drylands’
Funded by development and demonstration project of Japan Small Business Corporation

Yamanaka, N.

Tunisia (2-11 Jun. 2009)

‘Supervision of MS program students’
Funded by JSPS International Training Program
USA(17-26 Aug.2009)
‘Studies on the Environmental Restoration in arid areas’
Funded by Global COE Program
People’s Republic of China (12-22 Sep. 2009)
‘Discussion on Japan-China Joint Project and field survey’
Funded by Core University Program
People’s Republic of China (27-31 Jan. 2010)
‘Discussion on Japan-China Joint Project and field survey’
Funded by Core University Program
People’s Republic of China (2-12 Mar. 2010)
‘Field survey on elucidation of osmo-regulation mechanisms of plants’
Funded by JSPS Grants-in-Aid for Scientific Research (B)

Taniguchi, T.

People’s Republic of China (23 Apr. - 2 May 2009)
‘Conducting joint research on symbiotic microorganisms of *Quercus liaotungensis* in the Loess Plateau.’
Funded by Core University Program
People’s Republic of China (10-25 Aug. 2009)
‘Conducting joint research on symbiotic microorganisms of *Quercus liaotungensis* in the Loess Plateau.’
Funded by Core University Program
The United States of America (14-28 Oct. 2009)
‘Conducting joint research on symbiotic microorganisms of Tamarisks with Desert Research Institute.’
Funded by Global COE Program
The United States of America (15-27 Feb. 2010)
‘Conducting joint research on symbiotic microorganisms of Tamarisks with Desert Research Institute.’
Funded by Global COE Program

Ando, T.

United Republic of Tanzania (6 Sept. 2009 - 19 Sept 2009)
‘Discussion on a project formulation of *Jatropha*’
Funded by the 21st Century COE Program
United Mexican States (24 Sept. 2009 - 9 Oct. 2009)
‘Preliminary discussion on the Core Collection Construction Project with the National Institute of Forestry, Agricultural and Animal Research (INIFAP)’
Funded by the 21st Century COE Program
United Mexican States (13 Nov. 2009 - 21 Nov. 2009)
‘Discussion on the Specific Accord of the Core Collection Construction Project with the National Institute of Forestry, Agricultural and Animal Research (INIFAP)’
Funded by the 21st Century COE Program
United Mexican States (27 Mar. 2010 - 31 Mar. 2010)

‘Discussion on the Technical Annex Number 1 of the Core Collection Construction Project with the National Institute of Forestry, Agricultural and Animal Research (INIFAP)’

Funded by the 21st Century COE Program

Otani, S.

Mongolia (18 May 2009 – 23 May 2009)

‘Field research of risk assessment of dust storm on animal husbandry in Mongolia’

Funded by Grant-in-Aid for Scientific Research

People’s Republic of China (12 Sep. 2009 - 16 Sep. 2009)

‘CAS-JSPS Core University Program China-Japan Joint Open Seminar on Combating Desertification and the Development Utilization in Inland China of Year 2009.’

Funded by Core University Program

Project Researchers

Tomemori, H.

United Mexican States (27 Mar. 2010 - 31 Mar. 2010)

‘Field survey and discussion on Joint Research’

Funded by the Global COE Program

Moritani, S.

People’s Republic of China (28 Apr. - 8 May 2009)

‘Study on combating desertification and development in the inland region of China’

Funded by Global COE Program

Mauritania and Qatar (10 - 19 Jun. 2009)

‘Research on water-saving vegetable cultivation using recycled products’

Funded by the University expense

Imada, S.

United States of America (1 Jul. 2009 - 31 Oct. 2009)

‘Training on the Global COE Program’

Funded by Global COE Program

United States of America (15 Feb. 2010 - 27 Feb. 2010)

‘Discussion on environmental restoration and field survey’

Funded by Global COE Program

Iwanaga, F.

Malaysia (2 Aug. 2009 - 6 Aug. 2009)

‘Attendance at The 7th Pacific Regional Wood Anatomy Conference’

Founded by Management Expense

French Republic (1 Dec, 2009 - 8 Dec, 2009)

‘Attendance at The 1st International Congress of Ecological Engineering’

Founded by Grant-in-Aid for Scientific Research

The United States of America (11 Oct, 2009 - 20 Oct, 2009)

‘Field survey, sample collection, and discussion on the research program for environmental restoration in desertified area.’

Founded by Global COE Program

The United States of America (15 Feb, 2010 - 20 Feb, 2010)

‘Field survey, sample collection, and discussion on the research program for environmental restoration in desertified area.’

Founded by Institutional Program for Young Researcher Overseas Visits

The United States of America (21 Feb, 2010 - 1 Mar, 2010)

‘Field survey and discussion on the research program for environmental effects of invasive alien species on riparian ecosystem, USA.’

Founded by Grant-in-Aid for Scientific Research

Andry, H. R.

Morocco (29 Mar. – 6 Apr. 2010)

‘Field survey on water-saving vegetable cultivation using recycled products in Drylands’

Funded by company donation

Ould Ahmed, B. A.

Mauritania (20 May - 18 Jun. 2009)

‘Research on water-saving vegetable cultivation using recycled products’

Funded by Next-generation industrial development project of local resources

Mauritania (24 Aug. - 17 Sep. 2009)

‘Research on water-saving vegetable cultivation using recycled products’

Funded by company donation

Mohamed Abd Elbasit Mohamed Ahmed

Sudan(2 Apr. - 29 May 2009)

Discussion and data collection concerning to the Global COE project

Founded by Global COE Program

China(6 Oct. - 15 Oct. 2009)

Discussion and data collection concerning to the Core University project

Funded by Core University Program

Sudan (14 Feb, 2010 - 27 Feb, 2010)

Impact of an intrusive plant, Mesquite on water resources in arid environment.

Funds: Project of Research Institute for Humanity and Nature

(2) Visiting Researchers, Trainees and Research Students

Visiting Researchers

Chimgee, D., Professor, National University of Mongolia (4 Jul. 2009 – 21 Dec. 2009): ‘Assessment of influence of dust storm on animal husbandry in Mongolia’ funded by the Global COE program.

Wang, J., Professor, Institute of Cold and Arid Regions Environmental and Engineering Research Institute, People’s Republic of China (9-14 Nov. 2009): ‘Lecture on the micrometeorology and discussion on the installation of dust monitoring system in Hexi corridor’ funded by Global COE Program.

JICA Group Training Course 2009

1 day was allocated to H. Yasuda.

“Appropriate Management of Land and Water Resources for Effective Utilization in Arid and Semi-arid Regions”

Mr. NAYEBZAI Mohammad Haroon (Afghanistan)

Ms. GAYA Aiacha (Algeria)
 Mr. ZERKAK Essaid (Algeria)
 Mr. ZIDA Moussa Poulmawende (Burkina Faso)
 Mr. ALKLOOB Rashed Zahran Ahmad (Jordan)
 Mr. DICKO Mohamed Almahmoud (Mali)
 Mr. ADAM OMER Ahmed Elsiddig (Sudan)
 Mr. MTEMI Sospeter Wambura (Tanzania)
 Mr. MKITA Juma Boniface (Tanzania)
 Mr. AL-DHURAIBI Abdulwaly Ali Mohammed (Yemen)
 Ms. MUBUKWANU Akakulubelwa Gertrude (Zambia)
 Mr. KALUMBA Mulenga Wilson (Zambia)
 Peng Fei (13 Jan. 2010 - 29 Mar. 2010) from People's Republic of China. Invitation by JSPS Invitation Program for Advanced research Institutions in Japan
 Mtimet Zeineb (1 Nov. 2009 - 15 Nov. 2009) from Republic of Tunisia. Invitation by MS Program
 Fathia El Mokh (1 Nov. 2009 - 15 Nov. 2009) from Republic of Tunisia. Invitation by MS Program
 Abdennacer Ben Khaled (1 Nov. 2009 - 15 Nov. 2009) from Republic of Tunisia. Invitation by MS Program
 Moletsi, M., Agricultural Research Council, Republic of South Africa (11 Jan. 2010 – 31 Mar. 2010): 'A decision support system for improving maize production in Free State, South Africa' funded by Japanese Society for the Promotion of Science (JSPS).
 van der Watt, E., University of the Free State, Republic of South Africa (11 Jan. 2010 – 31 Mar. 2010): 'The effects of two natural plant strengthening agents on different crops' funded by Japanese Society for the Promotion of Science (JSPS).
 Battsetseg, B., Young Researcher, Institute of Veterinary Medicine, Mongolia (15 Jan. 2010 – 12 Apr. 2010): 'Invitational Training Program for Advanced Japanese Institutes' funded by Japanese Society for the Promotion of Science (JSPS).
 Gomboluudev, P., Young Researcher, Institute of Meteorology and Hydrology, Mongolia (15 Feb. 2010 – 30 Jun. 2010): 'Invitational Training Program for Advanced Japanese Institutes' funded by Japanese Society for the Promotion of Science (JSPS).
 Zheng, L., Lecturer, Inner Mongolia University, People's Republic of China (20 Jan. 2009 – 20 Jul. 2009): 'Salt resistance mechanisms of *Nitraria tangutorum* Bobr. in Inner Mongolia' funded by High Education Project of China (JICA/JICE).

Research Students

Abulaiti, A. (1 Apr. 2009 - 31 Mar. 2010) from People's Republic of China