

Keynote Speech

Takashi SHIRAISHI majored in international relations at the University of Tokyo and obtained Ph.D. in History from Cornell University. He has taught at the University of Tokyo, Cornell University, Kyoto University and National Graduate Institute for Policy Studies in Tokyo. He serves as President, Institute of Developing Economies-JETRO and Executive Member, Council for Science and Technology Policy, Cabinet Office. In 2007, he was awarded the Japanese Medal of Honor with Purple Ribbon.

Session 1

Masa IWANAGA has served as the Director General of the National Institute of Crop Science since April, 2008. Located in Tsukuba, Japan, the National Institute of Crop Science is an institute of the National Agriculture and Food Research Organization (NARO).

Prior to serving with the National Institute of Crop Science, Mr. Iwanaga was the Director General of the International Maize and Wheat Improvement Center (CIMMYT) in Mexico and also served as the Director of the Biological Resources Division of the Japanese International Research Center for Agricultural Sciences (JIRCAS) in Tsukuba, Japan. He also served as the Deputy Director General for Programs with the International Plant Genetic Resources Institute (IPGRI, now renamed Bioversity) in Rome and lead the Genetic Resources Unit for the International Center for Tropical Agriculture (CIAT) in Cali, Colombia. Moreover, Mr. Iwanaga was engaged in potato research for 10 years with International Potato Center (CIP), Lima, Peru. Dr. Iwanaga received a Bachelors of Science degree in horticulture from the University of Osaka Prefecture in Japan, and a Masters of Science degree in agricultural biology from Kyoto University. In 1979 he received his Ph.D. in plant breeding and plant genetics from the University of Wisconsin, USA.

Ram Badan SINGH holds a Doctorate degree in Genetics from the North Carolina State University, Raleigh (USA) and is a Distinguished Professor of IFFCO Foundation, India. His expertise is in the area of genetics, biotechnology and agricultural policy. He worked as the Asst. Director-General of FAO and in India as Member of National Commission on Farmers, Chairman of Agricultural Scientists Recruitment Board, and Director of the Indian Agricultural Research Institute.

Ganesan BALACHANDER holds a doctorate degree in Ecology from Rutgers University (USA) and did post doctoral studies at Harvard. He also has an MBA degree from Carnegie-Mellon University (USA) and an M.S degree in Physics from IIT, India. He has had a dual career in corporate and international banking and later in conservation and sustainable development around the world. He served until recently as the Ford Foundation Representative for South Asia and is now a CGIAR Consortium Board member.

Osamu KOYAMA graduated from the Faculty of Liberal Arts, University of Tokyo in 1979, and joined the Ministry of Agriculture Forestry and Fisheries. From 1986 to 1993, he served as an Econometrician at the Food and Agriculture Organization (FAO), Rome. His expertise is in the area of food supply and demand analyses. Currently, he is the Director of the Research Strategy Office, JIRCAS. Also, he serves as a Lecturer at the University of Tokyo.

Session 2

Akio TAKENAKA holds a Doctorate degree in Agriculture from the University of Tokyo (Japan). His expertise is in the area of ruminant livestock nutrition especially about the rumen microbiology. He had worked at the National Institute for Livestock and Grassland Science (NILGS), and at the University of Tsukuba as a Professor of Cooperative Graduate School. Currently, he is the Director of Animal Production and Grassland Division in Japan International Research Center for Agricultural Sciences (JIRCAS).

Christian HOSTE is Engineer in agriculture (Lille, France), holds a Ph.D. in Animal Genetics (Leuven, Belgium) and a French State Doctorate in Natural Sciences (Paris, France). His experience includes 17 years on livestock research and development in sub-Saharan Africa and 18 years in agricultural research organization and management. He is Deputy Director of European and International Relations of CIRAD, the French Agricultural Research Centre for International Development and Deputy Director of Agreenium, the new French consortium for Research and Education in Agriculture, Food, Animal Health, and the Environment.

Junkyu HAN holds a Doctorate degree in Agriculture from the University of Tsukuba (Japan) and is a Assistant Professor of University of Tsukuba, Japan. His expertise is evaluation of functional molecules in resource.

Nick AUSTIN holds Bachelor and Doctorate Degrees in Agricultural Engineering from the University of Melbourne (Australia) and a Masters in Management from the University of Sydney (Australia). His expertise is in irrigation and he has a broad background in agricultural and natural resource research and policy. He is currently Chief Executive Officer of the Australian Centre for International Agricultural Research (ACIAR).

Session 3

Masami YASUNAKA holds a Doctorate degree in Agriculture from Kyushu University (Japan) and is the current Vice President of JIRCAS. His basic expertise is earthquake-resistant design of earth structures. He had been engaged in governmental planning work in agricultural research in MAFF before coming to JIRCAS.

Kazumi YAMAOKA graduated from the University of Tokyo in 1982, holding a Doctorate degree in Agriculture from it. His expertise is in the area of rural engineering and water management. He worked at the Ministry of Agriculture, Forestry and Fisheries of Japan, at the Embassy of Japan in the Netherlands as First Secretary, at Yamaguchi Prefectural Government as Director, at the Japanese Institute of Irrigation and Drainage as Director, at the University of Tokyo as Professor of Graduate School of Agricultural and Life Sciences. Currently, he is Research Coordinator of JIRCAS.

Ryotaro SUZUKI graduated University of Tokyo, Faculty of Law, in 1985 and joined the Ministry of Foreign Affairs in the same year. He also obtained LL.M., International Law from University of Cambridge in 1988. He served as diplomat in Lagos, Nigeria 1988-2000, in Yangon, Myanmar 1996-1998, in Vienna, Austria 1998-2001, in Ottawa, Canada 2001-2002. His areas of expertise include development assistance, arms control and disarmament, information and culture, politics, economy and natural resources management. He attended many international meetings and events in various official capacities, which include his service as Alternate Commissioner for Japan at International Whaling Commission 2006-2008. He was seconded to MAFF in 2008 as Director, International Research Division, Agriculture, Forestry and Fisheries Research Council Secretariat (present post).

Shuichi ASANUMA

A Professor of International Cooperation Center for Agricultural Education (ICCAE), Nagoya University. He worked on rhizobium as a post-doctoral fellow at the International Institute of Tropical Agriculture (IITA), Nigeria from 1979 to 1983. Served as a lecturer at the Faculty of Agriculture, Kyushu Tokai University for 3 years then as a soil microbiologist at the Hokkaido National Agricultural Experiment Station and Kyushu National Agricultural Experiment Station, he moved to Japan International Research Center for Agricultural Sciences (JIRCAS) in 1998 to serve as an International Research Coordinator, a head of research planning section and a director of JIRCAS Okinawa Subtropical Station. He joined ICCAE in April 2005.

Satoru MIYATA is a senior researcher by special appointment at Japan International Research Center for Agricultural Sciences Headquarters. His main task is to develop a network of agricultural research institutes universities for international agricultural research in Japan. His specialty is plant sciences and agronomy and had worked as a regional research coordinator for Southeast Asia and Project leader for a tropical soil management project in Bangkok for 5 years.

Sim HEOK-CHOH, joined FRIM as researcher officer in 1977. Was active in forest products research with major project involvements in rubberwood processing and utilization, sawmill productivity, wood machining and wood products manufacturing. Currently he is a senior researcher, and also the Executive Secretary of the Asia Pacific Association of Forestry Research Institutions (APAFRI).

Panel Discussion

Masami YASUNAKA

(See profile under *Session 3*)

Kazumi YAMAOKA

(See profile under *Session 3*)

Ryotaro SUZUKI

(See profile under *Session 3*)

Shuichi ASANUMA

(See profile under *Session 3*)

Satoru MIYATA

(See profile under *Session 3*)

Sim HEOK-CHOH,

(See profile under *Session 3*)

Hiroshi EHARA, Ph.D., Professor of Crop Ecophysiology, Graduate School of Bioresources (2007 –); Assistant to the President for International Affairs (2008 –), Mie University. Project Director, “Integrated Strategic-Project on Sustainable Production of Sago Starch and Its Utilization for Strengthening Food Security” (2010 – 2012) supported by “Global Scale Issue-oriented International

Research Network Project” of Japanese Ministry of Agriculture, Forestry and Fishery. Academic Award of Japanese Society for Tropical Agriculture, “Systematics and Ecophysiological Characteristics of Sago Palm” (2008).

Kazuyuki YAGI is a Research Coordinator, the National Institute for Agro-Environmental Sciences (NIAES), Tsukuba, Japan. The task of his position is to coordinate research activities of the Institute, in particular for international cooperation and climate change studies. He has been studying on emissions of greenhouse gases in association with different land use and agricultural management.

Moriyoshi ISHIZUKA Principal Research Coordinator (International Issues) Forestry and Forest Products Research Institute (FFPRI) Research Field: Forest Ecology, Silviculture 1981-91 JICA* Expert (Silviculture), Royal Forest Department of Thailand 1992-99 Chief, Plant Production Laboratory, FFPRI 2010-13 Principal Investigator, JST** - JICA Project "Carbon Dynamics of Amazonian Forests"
* Japan International Cooperation Agency; ** Japan Science & Technology Agency