

Career Profile

Inaugural Session

Raghunath GHODAKE, the Chairman of APAARI and a member of the Steering Committee of the Global Forum on Agricultural Research (GFAR), holds both a Master's and a Doctorate degree in agricultural economics. He worked for ICRISAT from 1977-1985 and is the Director General of the National Agricultural Research Institute (NARI) in Papua New Guinea since 2003. This year, he was honored with the Order of Logohu Award by the Government of Papua New Guinea.

Kenji HIYAMA was awarded a Doctorate degree in Agriculture from the University of Tokyo (Japan) and is the Professor Emeritus of the University of Tokyo, Japan. He is also an Adjunct Professor of the Institute of Advanced Studies of the United Nations University. His basic expertise was on forest products, and present interest is in global carbon circulation. He worked at the University of Tokyo, Japan, and at CSIRO and La Trobe University in Australia. Currently, he is the President of the Japan International Research Center for Agricultural Sciences.

Mohammad Ali KAMALI SARVESTANI holds a Doctorate degree in Agriculture (Animal Breeding and Genetics) from the Agricultural University of Pannon (Hungary) and is a Deputy Director of Research at the Agricultural Research, Education and Extension Organization (AREEO) and National Coordinator in Animal Genetic Resource (AnGR) in Islamic Republic of Iran. His expertise is in the area of animal breeding and genetics. He worked at the Animal Science Research Institute of Iran, as a director. Currently, he is the Deputy Director of Research at AREEO.

Keynote Lecture

Martin PARRY is a Visiting Professor at Imperial College London. He was the Co-Chair of the IPCC's 2007 Impacts/Adaptation Assessment. Formerly he was a Professor of Geography at the Universities of Oxford, University College London and Birmingham; and Professor of Environmental Science at the University of East Anglia. He has published about 140 scientific papers and 5 books on climate change impacts. His specific research interests are on climate change and agriculture.

Lead Paper

Takeshi HORIE holds a Doctorate degree in Agriculture from Kyoto University and is a Professor Emeritus of Kyoto University, Japan. His expertise is in the area of Crop Science and Agricultural Meteorology. He worked at the National Institute of Agricultural Sciences, National Institute of Agro-Environmental Sciences, Hokuriku National Agricultural Experiment Station and Kyoto University. Currently he is the President of National Agriculture and Food Research Organization (NARO), Japan.

Rattan LAL is a Professor of Soil Science and Director of the Carbon Management and Sequestration Center, The Ohio State University, Columbus, Ohio, USA. Research interests include soil carbon sequestration and climate change, soil quality and food security, soil degradation and environment quality. PhD in Soil Science from the Ohio State University, authors of nine books and editor of 42 books. He was Editor in-Chief of the Encyclopedia of Soil Science and Advances in Soil Science, and Past President of the Soil Science Society of America.

Tim WHEELER holds a PhD in Agriculture from the University of Reading, UK and is a Professor of Crop Science at Reading. Tim has more than 20 years experience of research on how climate affects crops using plant experiments, crop simulation models and numerical climate models to develop novel methods of predicting the impacts and adaptation of climate variability and change on crops. He currently heads the Crops and Climate Group of the Walker Institute for Climate System Research at the University of Reading.

Session 1

Datuk Dr. Abd. Shukor Abd. RAHMAN, Director General of the Malaysian Agricultural Research and Development Institute (MARDI) since November 2005, holds a Master's and a Ph.D. degree from the University of Florida. Before that, he was the Director of MARDI's Horticulture Research Centre. He has published more than 20 scientific papers and has received awards, such as the Best Paper Award from the American Society for Horticultural Science in 1995, MARDI Excellence Service Award in 2001, etc.

Rohan RAJAPAKSE holds a PhD degree in Entomology from the University of Florida in Gainesville, USA. He is a Senior Professor of Agricultural Biology of the University of Ruhuna, Sri Lanka. His expertise is in the area of integrated pest management. He has worked in the University of Reading, UK and University of Queensland in Australia. Currently, he is the Executive Director of the Sri Lanka Council for Agricultural Research Policy, the apex body of Agricultural Research in Sri Lanka.

Raul MONTEMAYOR has been the National Manager of the Federation of Free Farmers Cooperatives, Inc. (FFFCI) of the Philippines since 1978. He is currently a Vice-President of the International Federation of Agricultural Producers (IFAP), to which the FFFCI and its mother organization, the Federation of Free Farmers (FFF) are affiliated. He represents IFAP in the Executive Committee of APAARI. He graduated from the Ateneo de Manila University, Philippines with a degree in Management Engineering. His expertise is in the areas of agricultural development, cooperatives and farmer organizations.

John SIMS holds a PhD in Earth Sciences from the University of Melbourne (Australia) and is the Program Leader of Climate Impact Sciences in the Australian Government's Bureau of Rural Sciences. He has extensive experience in the impact and management of climate risk in Australian agriculture.

Pramod AGGARWAL holds Doctorate degrees in Agriculture from the University of Wageningen (Netherlands) and University of Indore (India), and is a Professor of the Indian Council of Agriculture Research, India. His expertise is in the area of environmental impact assessment. He was the Coordinating Lead Author of the Chapter on Food, Fibre and Forest Products of the 4th Assessment Report of the IPCC. He is currently the National Coordinator of the Indian Network on Climate Change and Agriculture.

Muhammad E. TUSNEEM from Pakistan, holds a Doctorate degree in Agriculture from the Louisiana State University, USA. He is currently a Member (Agriculture & Food), Planning Commission, Government of Pakistan. Prior to this, he was the Chairman of the Pakistan Agricultural Council (2005-2008) and Director General of the Asian Development Bank in Manila for the East and Central Asia region. He has a rich and diversified experience in agricultural research and development with expertise in sustainable agriculture development.

Kazuyuki YAGI, Ph D., is a Leader of the Greenhouse Gas Research Project at the National Institute for Agro-Environmental Sciences (NIAES), Tsukuba, Japan. The research task of his position is to study emissions of greenhouse gases in association with different land uses and agricultural management. In particular, he focuses on methane from rice paddies and nitrous oxide from fertilized agricultural fields.

Patricio S. FAYLON holds a Doctorate degree in Agriculture at the University of the Philippines, Los Baños. His fields of expertise include ruminant nutrition and physiology, meat processing, and forage and pasture. He has been the Executive Director of the Philippine Council for Agriculture, Forestry and Natural Resources Research and Development, Department of Science and Technology (PCARRD-DOST) since 1999.

Session 2

Thierry MENNESSON holds a Master in Public Law and Political Sciences of Bordeaux University (France). He is the Director General of the Institute of Agronomy of New Caledonia and he is a lecturer at the University of New Caledonia. He works on questions of sustainable development, land uses and public policies in New Caledonia.

Simon HEARN is ACIAR's Senior Adviser. He has a PhD in Agricultural Economics from London University. Dr Hearn has worked in agricultural and mining policy development and economic analysis, both nationally and internationally. His career to date has involved a number of senior research and senior executive positions, including one at the Australian Bureau of Agriculture and Resource Economics (ABARE); London University; Chief of Staff to the Minister for Employment and Education; and Managing Director of the Rural Industries Research and Development Corporation.

Anil K. BAWA holds a Doctrate degree in Botany from the University of Jodhpur (India) and is presently serving as a Principal Scientist in the Office of the Director General, Indian Council of Agricultural Research, India. His expertise is in the field of Rangeland ecology. He has worked at the Central Arid Zone Research Institute, Jodhpur and Division of Environmental Sciences at the Indian Agricultural Research Institute, New Delhi.

Dyno KEATINGE holds a Doctorate in Agriculture from Queen's University, Belfast, Northern Ireland and is a Visiting Professor of Tropical Agriculture at The University of Reading, UK. He has global expertise in crop agronomy and he has worked at ICARDA, IITA and ICRISAT. Presently, he is the Director General of AVRDC – The World Vegetable Center based in Taiwan.

Rodomiro ORTIZ holds a PhD degree in Plant Breeding and Genetics from the University of Wisconsin-Madison (USA), is the Director of Resources Mobilization at the International Maize and Wheat Improvement Center (CIMMYT, Mexico) and chairs the Alliance Deputy Executive of the Consultative Group on International Agricultural Research (CGIAR). He worked before as a scientist in the Univ. Nacional Agraria-La Molina (UNALM, Peru), International Potato Center (CIP, Peru), Rutgers Univ. (USA), the International Institute of Tropical Agriculture (IITA, Nigeria) and held a Nordic professorship on plant genetic resources at the then Royal Veterinary and Agricultural Univ. (KVL, Denmark). He also served as Senior Research Manager at the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT, India), IITA and CIMMYT.

Maarten van GINKEL holds a Doctorate degree in plant pathology, minors in plant breeding and genetics from Montana State University (MSU), Bozeman, Montana, USA, 1983-1986. His expertise is in bread wheat. He is member of two research centers in Australia. He worked at CIMMYT, Mexico and Australia and is currently the Deputy Director General for Research at ICARDA.

CL Laxmipathi GOWDA holds a Ph.D in Genetics and Plant Breeding from the Indian Agriculture Research Institute, New Delhi (India). His expertise is in plant breeding, farmer participatory research, technology exchange, and research management. He is currently the Coordinator of Cereals and Legumes Asia Network (CLAN), and Global Theme Leader for Crop Improvement at the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), based at Hyderabad, India.

William D. DAR holds a Ph.D from Benguet State University, Benguet (Philippines). He is currently the Director General of the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), based at Hyderabad, India. He is also the Chair of the Committee on Science and Technology (CST) of the United Nations Convention to Combat Desertification (UNCCD) and a member of the UN Millennium Task Force on Hunger. He served as Presidential Adviser for Rural Development and Secretary of Agriculture in the Philippines.

A Ashok KUMAR holds a Ph D in Genetics from Indian Agricultural Research Institute, New Delhi (India). He has nine years experience in breeding of biofuel crops viz., castor and sorghum. He is working as a Scientist (Sorghum Breeding) at the International Crops Research Institute for the Semi Arid Tropics, Patancheru, Hyderabad, India. He is closely involved in developing ICRISAT's Operational Research Strategy on Crop Adaptation to Climate Change.

Reiner WASSMANN holds a Doctorate degree in Biology from the University of Goettingen, Germany, and is Coordinator of the 'Rice and Climate Change Consortium' of the International Rice Research Institute, Philippines (seconded from Research Center Karlsruhe, Germany). He has been working in climate change research for more than 20 years specializing in mitigation and adaptation options of tropical agriculture.

Andrew NOBLE holds a Doctorate degree in Agriculture from the University of Georgia (USA) and is the Regional Director, International Water Management Institute for Southeast Asia and Central Asia. Prior to joining IWMI, he was a Principal Research Scientist with CSIRO Land and Water, based in Northern Queensland, Australia. His research focus has been on land degradation issues and its rehabilitation that has specifically targeted tropical, semi-arid and arid agroecosystems. He has worked in academic positions at the University of KwaZulu Natal, South Africa and commercial forestry research in Southern Africa.

Andreas WILKES holds a Doctorate degree in environmental anthropology from the University of Kent (UK) and is a climate change specialist with ICRAF-China. His expertise is in the area of rangeland management and pastoral systems. He has worked on natural resource management in China for 11 years.

Ken FISCHER holds a Doctorate degree in Agriculture Science from the University of Queensland (Australia) and is Professor Emeritus of that University. He is also a Member of the Science Council for the CGIAR. His expertise is in the area of adaptation of tropical crops to dryland agriculture. He has worked at various CGIAR centers including CIMMYT, IITA, IRRI and the World Fish Center.

Session 3

M. Harun-ur-RASHID is the Executive Chairman of the Bangladesh Agricultural Research Council (BARI). He has published a lot of scientific articles and is considered as an authority on irrigation and soil-water engineering.

John D. H. KEATINGE

(See profile under Session 2)

Andrew D. NOBLE

(See profile under Session 2)

Masa Iwanaga holds a Ph.D. degree from the University of Wisconsin, USA and an MSc. degree from Kyoto University, Japan. He is currently the Director General of the National Institute of Crop Science, NARO, Japan. He was the Director of the Biological Resources Division of JIRCAS from 2000 to 2002. He has spent 25 years working for four international research centers which are part of the Consultative Group on International Agricultural Research (CGIAR) – CIP, CIAT, IPGRI and CIMMYT. He has special interests in technical and policy issues affecting biodiversity and biotechnology.

Reiner WASSMANN

(See profile under Session 2)

Rattan LAL

(See profile under Lead Paper)

Kazuhiko KOBAYASHI holds a Doctorate degree in Agriculture from the University of Tokyo, and is a Professor of the Graduate School of Agricultural and Life Sciences, the University of Tokyo. His interest is in atmospheric and climatic impacts on agricultural production. He worked at the National Institute for Agro-Environmental Sciences, Tsukuba, Japan before moving to Tokyo in 2003. Currently, he serves as the Chief Editor of the Journal of Agricultural Meteorology.

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.

Mark HOLDERNESS holds a Doctorate degree in plant pathology from the University of Reading (UK). He worked for many years in plant pathology and IPM, then became increasingly involved in participatory research, learning and institutional reform. He worked for the Papua New Guinea Cocoa and Coconut Research Institute and then for CAB International, working in a wide range of tropical agricultural systems. He is now the Executive Secretary of the Global Forum on Agricultural Research.

Plenary Session

Raj PARODA has specialization in Genetics and Plant Breeding. He had worked as a Professor and Head at the Haryana Agricultural University (Hisar), as Director of the National Bureau of Plant Genetic Resources, Deputy Director General (Crop Sciences) and later served as Director General, Indian Council of Agricultural Research (ICAR) and Secretary, DARE, Government of India. He had been the Chairman of GFAR, Chairman of ICRISAT Board and President of the Indian Science Congress. He is serving as Executive Secretary of the Asia Pacific Association of Agricultural Research Institutions (APAARI) since 1993. Currently, he is also the Chairman of the Trust for Advancement of Agricultural Sciences (TAAS), New Delhi.

Mark HOLDERNESS

(See profile under Session 3)

CL Laxmipathi GOWDA

(See profile under Session 2)