

International Conference for Sharing Information on Food Standards and Resource and Environmental Conservation for Food Industries in Asia Pacific

Challenges and Opportunities for Food Safety & Human Health



Sponsor:

Ministry of Agriculture,
Forestry and Fisheries
(MAFF)
Japan

With Support from:

Food and Drug
Administration (FDA)
Thailand

National Bureau of Agri-
cultural Commodity and
Food Standards (ACFS)
Thailand

March 4, 2011
Pathumwan Princess Hotel
Bangkok, Thailand

Organizer:



International Life Sciences Institute (ILSI) Japan

Co-organizers:

ILSI Focal Point in China
ILSI Korea
ILSI Southeast Asia Region

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About the Meeting & Organizers

About the Meeting

The Second Meeting of ASEAN+3 Roundtable on Food Security Cooperation Strategy was held in May 2010 in Tokyo. It was noted by the meeting that each country shared recognition of the necessity for dialogue within the region to ensure food security in the region. Further, the APEC Ministerial Meeting on Food Security was first held in October 2010 in Niigata, Japan. The action plan, among others, to improve agribusiness environment through “organizing a dialogue on quality managements and resource and environment conservation for food industries,” was agreed.

In order to ensure regional food security through enhancing international competitiveness of the regional food industry, it is the key to enhance industry’s understanding of food standards, resource and environmental conservation. As such, the International Conference for Sharing Information on Food Standards and Resource and Environmental Conservation for Food Industries in Asia-Pacific - Challenges and Opportunities for Food Safety & Human Health –

This Conference aims to:

- (1) Share information on commodity food standards and methods of analysis in the region,
- (2) Share information on regional initiative for food standards harmonization, and
- (3) Share information on food safety issues, including case study on resource and environmental conservation.

These will facilitate possible future harmonization or integration of food standards and resource and environment conservation in Asia-Pacific region, which will facilitate food trade and enhance business opportunities in the region.

About the Organizer



International Life Sciences Institute (ILSI)

The **International Life Sciences Institute (ILSI)** is a non-profit, worldwide foundation based in Washington, DC established in 1978 to advance the understanding of scientific issues relating to nutrition, food safety, toxicology, risk assessment and the environment. ILSI branches include Argentina, Brazil, Europe, India, Japan, Korea, Mexico, North Africa and the Gulf Region, North America, North Andean, South Africa, South Andean, Southeast Asia Region, the Focal Point in China, and the ILSI Health and Environmental Sciences Institute. ILSI also accomplishes its work through the ILSI Research Foundation and the ILSI Center for Health Promotion.

By bringing together scientists from academia, government, industry and public sector, ILSI seeks a balanced approach to solving problems of common concerns for the well-being of the general public. ILSI receives financial support from industry, government, and foundations.

About the Speakers



Ms Pauline Chan is Director of Scientific Programs for the Southeast Asian Region branch of the International Life Sciences Institute (ILSI). Her responsibilities include the development and facilitation of scientific meetings and programs. Actively involved with the Singapore Nutrition and Dietetic Association (SNDA), Ms Chan is a member of SNDA's Main Committee, as well as the Chair of its Public Education Committee. She is also a registered dietitian (R.D.) with the American Dietetic Association. Ms Chan received her Bachelor's degree in Chemistry from the Chinese University of Hong Kong, and her Master's degree in Nutrition and Dietetics from New York University, USA.

Dr Subash Dasgupta is at present Senior Plant Production Officer, FAO Regional Office for Asia and the Pacific, based in Bangkok, Thailand. Before his joining in FAO in 1998, he had worked in the National Agricultural Research Systems (NARS) in different capacities. His contribution to crop research, farming systems research & development, technology transfer, policy formulation and project administration are highly acclaimed. Before joining FAO, he also worked as a FAO/UNDP consultant (national/international) in the fields of food security, farming systems, community development and project operation. Mr Dasgupta presented quite a good number of papers in various international and national workshops/seminars and also was invited to chair the international/national seminars/workshops and acts as panelist. In his credit, there are more than 50 research papers, two books and one monograph. He did his Masters in Agronomy and PhD in Plant Breeding and Seed Production from former USSR.

Dr Darunee Edwards is the President of Food Science and Technology Association of Thailand (FoSTAT), which is a not-for-profit scientific association to disseminate knowledge relating to science and technology to the public and private sectors and to promote science communication as well as to facilitate discussion on scientific viewpoints on food safety issues. Dr Darunee used to be the group QA Manager in US pharmaceutical and confectionery manufacturing companies. With her strong research background in working as the researcher in the GTZ-Thai Algae Project and in food research at the Institute of Food Research and Product Development at Kasetsart University, she was appointed as the Deputy Director of the National Center for Genetic Engineering and Biotechnology, which is under the National Science and Technology Development Agency. Dr Darunee's involvement in food science and technological and biotechnology makes it a strong platform to provide technology knowledge to strive for a healthy society through producing healthy food products.



Prof Dedi Fardiaz is a Professor at the Bogor Agricultural University, Indonesia. Prior to his current position, he served as the Deputy Chairman of Food Safety and Hazardous Substance Control, National Agency for Drug and Food Control, Republic of Indonesia. From April 2000 to March 2001, he served as an Advisor to the State Minister of Research and Technology in food affairs. He also serves actively as the President of the Indonesian Association of Food Technologists, and is an Advisor to the Working Group on Harmonization of ASEAN Food Safety Standards. Dr Fardiaz graduated from Bogor Agricultural University and received his MSc and PhD in Food Science from Michigan State University, USA.



Mr Hiroaki Hamano is currently the Executive Director of the International Life Sciences Institute, Japan since May 2006. He also holds concurrently key advisory positions in Danisco Japan Ltd. since July 2002. Mr Hamano is now undertaking special assignments as a Technical Advisor to the Japanese Ministry of Health, Labour and Welfare, and Consumer Affairs Agency for the Codex Committee on Nutrition and Foods for Special Dietary Uses (since 1995) and also for the Committee on Food Labeling (since 1997). Further, he was appointed as a member of the Advisory Committee to the Ministry on Dietary Supplements from 1998 through 2000, on the Issues on Labeling of Health Foods in 2009-2010 and on Nutrition Labeling in 2011. Mr Hamano has also has been appointed as a member of the Expert Committee of Tokyo Metropolitan Government on the Risk of Health Foods since 2004. In addition, he is an active member of various academic societies in Japan in food and nutrition related fields, such as the Japanese Society of Nutrition and Food Sciences, the Japan Society of Health Sciences, and the Japanese Association for Dietary Fiber Research. Having worked in private corporations, as well as with government and academia, he has accumulated wide experience in food sciences and regulations, in particular, nutrition and health claims on foods. Mr Hamano graduated with a Bachelor of Science degree from the Faculty of Pharmacy, Kyoto University, Japan.



Dr Pichet Itkor is the Regulatory Affairs Director at Mead Johnson Nutrition (Thailand) Ltd. Prior to this position he had previously served as a scientific and regulatory affairs manager for Coca-Cola South East and West Asia and Ajinomoto Co. (Thailand), Ltd. He is a member of the Technical Sub-committee on Industrial Technology under the National Center for Biotechnology and Genetic Engineering (BIOTEC). Dr Pichet is active in many professional and trade association in Thailand, serving as the President of the Thai Society for Biotechnology, Vice Chairman (Regulatory Affairs) of the Food Industry Group under the Federation of Thai Industries, as well as a Committee Member of the Food Science and Technology of Thailand (FoSTAT). Apart from his professional duties, Dr Pichet has also been a visiting lecturer on “Amino Acid Production” (1994-2006) in several universities in Thailand and also sits in ad-hoc committees to establish/to revise curriculums for Bachelor, Master and Doctorate Degrees of Science in Biotechnology for various universities in Thailand. He holds a PhD in Biological Chemistry from Nagoya University, Japan, as well as a Bachelor of Science in Biochemistry and Master of Science in Biotechnology from Chulalongkorn University, Thailand.



Mr Gilberto Layese is the Director IV of the Bureau of Agriculture and Fisheries Product Standards (BAFPS). Prior to this position, he has served as Director and Deputy Administrator for the Fiber Industry Development Authority (FIDA), as an Economic Specialist at the National Economic and Development Authority (NEDA), and has also been an instructor in two major state universities in the country. As Director of the BAFPS, Mr Layese has supervised the office for the Codex Contact Point until 2010, and has also participated as a member of the Executive Committee of the Codex Alimentarius Commission (CAC) from 2002-2005. He is a member of the ASEAN GAP Expert Working Group that spearheads the implementation of Good Agricultural Practices (GAP) among the ASEAN Member States. Likewise, Mr Layese currently chairs the Task Force on ASEAN Standards for Horticultural Produce and Other Food Crops that aims to develop harmonized standards for the region. Mr Layese holds a Bachelor of Science in Agriculture Chemistry from the University of the Philippines, as well as a Bachelor of Law and Masters in Business Administration from the Aquinas University, Philippines.



Dr Li Yu is Director of Scientific & Regulatory Affairs for Mars Foods (China) Co., Ltd. and has held this position for 8 years. Under his leadership, enthusiasm and achievement, Dr Li has been elected as the Chairperson of the Scientific & Regulatory Affairs Committee of the China Food Industry Association. Before joining Mars, he had worked on natural products isolation and synthesis in laboratories of universities for 10 years, then worked in R&D in a leading traditional Chinese medicine (TCM) company for 10 years.



Dr Tipvon Parinyasiri is the Director of Food Control Division, Food and Drug Administration (FDA), Ministry of Public Health, Thailand. Dr Tipvon has been involved in research and development at the FDA for 25 years and proposed GMP guideline of pasteurized milk, low acid canned food and drinking water as mandatory regulation. She is also responsible for Mobile Unit for food safety surveillances program in Thailand. In addition, she is a special lecturer at many universities on topics such as Food Chemistry, Meat Science, GMP, HACCP, and Quality Assurance. Dr Tipvon obtained her PhD in Food Science from Missouri University, USA.



Ms Shashi Sareen is the Senior Food Safety & Nutrition Officer at the Food and Agriculture Organization of the United Nations Regional Office for Asia and the Pacific, based in Bangkok. She is responsible for the safety, quality and nutrition related programmes in the Region. Prior to this, Ms Sareen worked with the government of India in the area of Standardization and Quality Control for close to 30 years in the capacity of Director and Chief Executive, Export Inspection Council of India, Director of Bureau of Indian Standards and Adviser (Quality) with the Agricultural Produce Export Development Authority (APEDA). She has represented India at various international fora including Codex, ISO and WTO Standards Trade & Development Facility (STDF), as well as served as an international expert for FAO, WHO, UNCTAD, AARDO etc. Ms Sareen holds a Masters degree in Food & Nutrition as well as in Human Resource and Organizational Development, both from Delhi University, India and is a qualified and registered Auditor/Lead Auditor & Trainer in HACCP, ISO-9000, 14000 & 22000.



Mr Suradech Thiaphairat is a Director of Ajinomoto Co. (Thailand) Ltd. and also a Factory Manager at the company's Monosodium Glutamate (MSG) manufacturing factory located in Kamphaengphet Province, Thailand. He has been working for Ajinomoto for over 32 years in various fields covering R&D for glutamic acid fermentation; manufacturing of MSG, Ros Dee (food flavour enhancer), Birdy 3-in-1 (Instant Coffee Mix) and frozen cooked chicken meat products. Prior to his current position, he served as a factory manager of Ajinomoto Frozen Food Co. Ltd. from January 2000 to April 2004. He thereafter served as a factory manager of Ajinomoto Phrapradaeng factory from October 2004 to July 2008. He graduated with a Bachelor of Science in Microbiology from Chulalongkorn University, Thailand and a Masters in Business Administration from Thammasat University, Thailand.



Dr Myeong-Ae Yu is the Executive Director of ILSI Korea and has been serving in this position since 2008. She has been responsible for directing and implementing the strategic mission and objectives of ILSI Korea, particularly in providing leadership and coordination to the 5 scientific committees and task force in the area of food safety, functional foods, nutrition and health, physical activity and nutrition as intervention of child overweight/obesity, as well as biotechnology. She has also supported the organization of scientific meetings, research projects, and publications in collaboration with local government agencies and academic institutes, as well as in taking care of international collaboration with global ILSI entities and other international organizations. Dr Yu joined ILSI Korea in 2005 as the director of International Affairs. Prior to joining ILSI Korea, she was the Director of R&D Center of a bioventure company, Biozone Co., Ltd. from 2002-2003, and also participated as an associate researcher at the Bioproducts Research Center, Yonsei University. Dr Yu received her B.S degree in 1987 in Food Engineering from Yonsei University (Seoul, Korea), M.S in Food Chemistry (1990) and Ph.D in Food Safety (1998) at the Department of Food Science, University of Wisconsin-Madison, USA. Dr Yu was a postdoctoral fellow at the Department of Biochemistry & Molecular Biology, Indiana University, USA.

Conference Program

March 4, 2011

0830 – 0900h

Registration

0930 – 1010h

Introduction & Opening Session

Chaired by: Mr Hiroaki Hamano, ILSI Japan

Opening Remarks

Mrs Yutaka Arai, Director of Food Industry Policy Division, Ministry of Agriculture, Forestry and Fisheries, Japan

Welcome Remarks

Dr Sakchai Sriboonsue, Secretary General, National Bureau of Agricultural Commodity and Food Standards, Thailand

Introductory Remarks

Mrs Boon Yee Yeong, Executive Director, ILSI Southeast Asia Region

1010 – 1040h

Challenges on Food Security – Strategic Plans and Policy in Thailand

Dr Tipvon Parinyasiri, Co-secretary, Planning Committee on the National Strategic Plan for Food Management, Thailand / Thai FDA

1040 – 1100h

Break

Session 1: Research on Commodity Food Standards and Methods of Analysis

Chaired by: Mr Hiroaki Hamano, ILSI Japan

1100 – 1230h

Updates from Regional Economies

- Japan: *Mr Hiroaki Hamano, ILSI Japan*
- China: *Dr Li Yu, ILSI Focal Point in China*
- Korea: *Dr Myeong-Ae Yu, ILSI Korea*
- ASEAN: *Ms Pauline Chan, ILSI Southeast Asia Region*

1230 – 1345h

Lunch

Session 2: ASEAN Food Standards Harmonization

Chaired by: Ms Shashi Sareen, FAO-RAP, Thailand

1345 – 1415h

Overview and Approach of ASEAN Food Safety Standards Harmonization

Prof Dedi Fardiaz, Bogor Agricultural University, Indonesia

1415 – 1435h **Harmonization of Standards for Agricultural Products in ASEAN**
Mr Gilberto Layese, Director, Bureau of Agricultural and Fisheries Product Standards (BAFPS), Philippines

1435 – 1500h **Food Industry's Role in Supporting Harmonization**
Dr Pichet Itkor, Vice Chairman, Food Industry Club, Federation of Thai Industries, Thailand

1500 – 1530h **Break**

Session 3: Food Safety Issues

Chaired by: Prof Dedi Fardiaz, Indonesia

1530 – 1550h **Sustainable Food Supply and Food Safety for Food Security**
Dr Subash Dasgupta, FAO-RAP, Thailand

1550 – 1615h **Industrial Case Study in Resource and Environmental Conservation**
Mr Suradech Thiapairat, Director, Ajinomoto Co., (Thailand) Ltd, Thailand

1615 – 1645h **Panel Discussion**
Moderator: Ms Darunee Edwards, President of Food Science and Technology Association of Thailand (FoSTAT), Thailand

1645h **Closing**