


APEC Scientific Seminar-Workshop on Food Safety Risk-Benefit Analysis MECHANICS



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THE APEC FSCF

- The FSCF is a forum of food safety regulators which seeks to build robust food safety systems in the region that are consistent with the Agreements on Sanitary and Phytosanitary Measures (SPS) and Technical Barriers to Trade (TBT) of the World Trade Organization.
- It is co-chaired by Australia (Food Standards Australia New Zealand) and China (General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China, AQSIQ).



THE APEC FSCF

- APEC member economies agreed to work together to build robust food safety systems to accelerate progress on harmonising food standards with international standards to improve public health and facilitate trade.
- APEC member economies also agreed to work together to strengthen capacity building activities and information sharing by signing the [Hunter Valley Statement](#)




APEC Food Safety Cooperation Forum
Capacity Building Priority Areas
Revised and Agreed May 2011

Food safety regulatory systems	
▪	Development of risk based food control systems
▪	Development of food laws, regulations and food standards harmonized with international standards
▪	Enforcement of food regulations and standards
▪	Development and implementation of national food incident response protocol
▪	Development and implementation of food recall systems
▪	Development and implementation of food supply chain management systems
Food inspection and certification systems	
▪	Development and implementation of risk based food inspection systems
▪	Implementation of electronic certification systems
▪	APEC Scientific Workshop on Food Safety Risk-Benefit Analysis
▪	
Technical skills and human resource capacity (internationally accredited standards and procedures)	
•	Food Safety Risk Analysis including risk assessment, risk management, risk communication for all foods, measures services from conventional and new technologies, in areas of:


Background of the Project

- Risk-benefit analysis is well established risk-benefit analysis in pharmaceuticals, medicine, microbiology, societal and economic and consumer perception
- Over the past years the risk-benefit analysis in relation to foods has gained much attention.
- Risk benefit assessment is a new and very important issue in the area of food and nutrition.



Background of the Project

- It envisages comparing both risks and benefits of foods and food ingredients. The issue is that the beneficial and adverse potential can be in the same food or even in the same ingredient.
- The debate focuses mainly on how and when to conduct such analysis.
- Currently there is no international agreement on the general principles or approaches for conducting a qualitative & quantitative risk-benefit analysis for food and food ingredients.



OBJECTIVE

- To have better understanding for of the fundamental scientific issues related to risk-benefit assessment of food components and its feasibility as alternative or complement to the traditional risk analysis framework.
- Hence, the workshop aims to:
 - (i) *to have an open debate on scientific approaches and methods available and tools and data needed for conducting a risk-benefit analysis of foods and food components;*
 - (ii) *to explore opportunities and limitations for defining a common scale of measurement (common currency) to quantitatively compare risks and benefits;*
 - (iii) *to define further research or capacity needs of each member economy in the region*

SCHEDULE

November 22 Tuesday

- **Codex Food Safety Risk Analysis Framework / FAO/WHO Development of Scientific Advice** – Dr David James, FAO Consultant
- **Traditional Risk Assessment Procedures Microbiological** - Dr **Janell Kause** – Director, Risk Assessment Division, Food Safety and Inspection Service, USDA

November 22 Tuesday

- **Risk-Benefit Analysis**
- Pesticides – Dr Amelia Tejada – Director, Food Development Center & Former JMPR Secretariat
- **Member Economy Experiences on Food Safety Risk Analysis:**
- *Brunei Darussalam, Chile, Chinese Taipei, Hong Kong, Indonesia, Japan, Malaysia, Mexico, Papua New Guinea*

November 23 Wednesday

- **Member Economy Experience on Food Safety Risk Analysis:**
- *People's Republic of China, Peru, Philippines, Republic of Korea, Russia, Thailand, Viet Nam, United States of America*
- **Introduction to Risk-Benefit Analysis – Concepts, Approaches & Methodologies & Risk-Benefit Analysis Case Studies:**
- Fish Consumption Risk Benefit Analysis – Dr David James, FAO Consultant

November 23 Wednesday

- **Risk-Benefit Analysis Case Studies: Risk-Benefit Analysis of Fish/Hg & Poultry/Chlorine** – Dr Janell Kause, USDA
- **Cost-Benefit Analysis (CBA) in Food Regulation** Mr Jason March, Food Standards Australia New Zealand

November 24 Thursday

- **Risk and Uncertainty in the Context of CBA – Mr Jason March**, Food Standards Australia New Zealand
- **Workshop – Two Groups**

Resource Speakers

- **European Union/Food and Agriculture Organization – Dr David James**
- **Food Standards Australia New Zealand – Mr Jason March**
- **US Department of Agriculture – Dir. Janelle Kause**
- **Philippines – Dr. Amelia Tejada**

- Welcome Dinner
- Meals
- Correction participant list
- Confirmation of flights
- Information about the area
- Any handouts that are unreadable
- Other additional information about the place or other places that you would like to visit
- Be sure to keep every receipts of any documents for your reimbursement as stated in your travel undertaking
- Hotel-airport transfer
- Other matters

REMINDERS

- APEC Sponsored Participants
- APEC Sponsored Speakers
- Other matters

• **THANKYOU!!**