

# Chair                      Food and Agricultural Safety and Ethics

## 2.10.3                      Laboratory : food risk management and communication

Member:            Associate Professor      Kudo,H. (Hosono,H.)  
                         Assistant Professor      Kito, Y.

### **A. Research Activities (2010.4-2011.3)**

#### **A-1. Main Subjects**

##### a) The food-derived risk management system

In these days, food safety and environmental problems have become international issues and the economic and social globalization adds to the problem. It is now globally recognized that risk management should be based on scientific evidence. And to decide on a policy or regulation, we should compare cost-benefit balance of the options regarding social, cultural and economic factors. In our laboratory, we develop the guidance of risk management (according to planning, decision and evaluation of policy options) and study animal health economics basic to that. We also explore to develop evaluation method of the process of risk analysis.

##### b) Food, risk and science communication

Owing to the globalization of human activities and application of high technology, the situation around foods become more complex and access of process/quality information become more difficult.

Under this situation, it is essential to formulate common platform among scientists, citizen and administrator to solve food related problems. To enable this, we think not only information provisions, but also interactive communication is necessary. To achieve this, we try to establish concept and method of communication on risk, science, food and agriculture.

c) Agricultural, corporate and professional ethics

High technologies are applied also to agricultural sector, so it is required to establish ethics in agriculture as in medical science and in engineering.

And in the face of a series of food scandals, we think it is important to consider the ethics of food-businesses, technicians/ professionals in agriculture/livestock industry. We explore and develop the guidance of agricultural, corporate and professional ethics.

## **A-2.Publications and presentations**

a) Publications

### Books

- 2. Haruyo Kudo, Precautionary principle in the food safety problems, in “environmental risk management and precautionary principle” (K.Ueda and N.Ootsukaeds), Yuhikaku,2010 (in Japanese)

### Original Papers(including book-reviews)

- Y.Niiyama,H.Hosono,R.Kawamura,A.Kiyohara,H.Kudo,Y.Kito and K.Tanaka, Re-investing the factors affecting public perception of food-related risk: A cross-national study by the Laddering method, Journal of rural economics, Vol.82, March 2011(in Japanese) refereed

## Reviews

- Kudo, H. , Current situation and challenges of Japanese food safety system, Community and Life, No.11, December 2010 (in Japanese)

- 2. Kudo, H., Hygiene package and GAP in the European Union, H.Kudo, Agriculture and Economics (Nogyo to Keizai), Vol.76, No.7, June 2010 (in Japanese)

## Reports,others

- book review by Kudo, H., to " International Food System" by Kiminami, L., Journal of Rural Problems, Vol.46, No.3, Dec. 2010

## b) Conference and seminar papers presented

- Canadian Public Health Association Conference (1)

- Asian -Australasian Association of Animal Production Societies(1)

- the Society for Risk Analysis Japan (1)

### **A-3.Off-campus activities 2**

#### Research grants

##### 1. Grants-in-aid for Scientific Research(KAKENHI)

- Encouragement of Young Scientists (A) : Hosono, H. : New risks for animal husbandry and food with globalization and Development of its effective control methods

- Encouragement of Young Scientists (B) : Kudo,H. : A comparative study of consumer policy making process in Japan and Germany

- Scientific Research(S) : Niiyama,Yoko : Perception of food related risks, risk communication, and establishment of food-agricultural profession and its ethics

##### 2.Other Research Grants

- Project for developing practical technology to promote new agricultural and fishery policies :Hosono, H. : A study on the surveillance of animal infectious diseases in Japan

#### **A-4.International cooperation and overseas activities 1**

##### International joint research, overseas research surveys

- Food safety policy research (Germany)

#### **B.Educational Activities(2010.4-2011.3)**

##### **B-1.On-campus teaching**

###### a) Courses given

- Undergraduate level :      Risk Management (Kudo), Food Safety Ⅱ (Hosono), Food and Agriculture Ethics (Kudo)
- Graduate level :            Advanced Risk Management Ⅰ Ⅱ (Hosono/Kudo)

##### **B-2.Off-campus teaching etc.**

##### Part-time lecturer

- Kudo,H.: Kyoto Notre Dame University, Faculty of Home Sciences and Welfare,Food system/consumer education, Doshisha Women's College, Faculty of Human Life and Sciences, Food system

### **C.Other Remarks**

- Kudo, H. : Strategy committee for enhancing the function as bases of foods by central wholesale market of Kyoto city