

Biosafety Education for Biotechnology Follow-up at Asia

Presented by Prof. Dr. Kazuo Watanabe
Gene Research Center,
University of Tsukuba, Japan

Workshop on Biosafety Education in Asia

- Date: October 31(Wednesday) and November 1 (Thursday), 2007
- Venue: Biosystem Studies Building Room
University of Tsukuba, Japan
- Organizer and sponsor: University of Tsukuba
- Collaborated by Institute of Advanced Studies,
United Nations University
- Also by International Agri-Biotechnology
Association of Japan (NGO/NPO)

ABEN: Asian Biosafety Education Network

- Needs on biosafety education
- Common education contents and mutual complementation
- Collaborative possibilities in S-S and sub-region such as Mekon River Sub-region
- **An initiative: ABEN, Asian Biosafety Education Network since 2007**

<http://www.gene.tsukuba.ac.jp/Plant/GeneticDiversity/ABEN/aben.html>

- Supported: The Third International Meeting of Academic Institutions and Organizations Involved in Biosafety Education and Training under CPB (with Decision BS IV/3) in Feb., 2010

Key Participants

- *China, Indonesia, Iran, India, Malaysia, Myanmar, Philippines, Thailand, Vietnam*
- Observers from academic institutions: Pakistan
- IAS-UNU, UNEP
- Japanese institutions: Univ. of Tsukuba, NIAS(MAFF)



Internationally Funded Training in Biosafety and Biotechnology - Is it Bridging the Biotech Divide?

*Professor A.H. Zakri, Director UNU-IAS
University of Tsukuba Workshop on Biosafety Education in Asia, Oct 31- Nov 1 2007*

WORKSHOP ON BIOSAFETY EDUCATION IN ASIA

Case study: Vietnam

Nguyen Thi Quynh
*Institute of Tropical Biology, Hochiminh City,
Vietnam*

**BIOSAFETY NETWORK FOR EDUCATION AND
TRAINING**



**BOGOR AGRICULTURAL UNIVERSITY,
INDONESIA**

**Biosafety and Biotechnology Research &
Training Programs at
Gene Research Center,
University of Tsukuba, Japan**

Kazuo N. Watanabe, Ph.D.
**Professor, Gene Research Center &
Grad. School for Life and Environmental Sciences,
University of Tsukuba, Japan**



Biosafety Education- Malaysia



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CENTER FOR RESEARCH IN BIOTECHNOLOGY FOR AGRICULTURE



Thai National University Consortium on Agricultural Biotechnology

Members of the Consortium

• **Leading Institute:** Faculty of Agriculture, Kas

• **Member Institutes:** Faculty of Science, Mah

Faculty of Agriculture, Khon Kaen University

Agriculture, Chiangmai University Faculty of Agricultural

Technology,

• King Mongkut's Institute of Technology Ladkrabung Faculty of

Fisheries, Kasetsart University Faculty of Liberal Arts and

Science, Kasetsart University



Basic Scope of Education & Training General and technical basics

- General Biosafety for Biotechnology
- Biosafety within general safety issues (lab, worker, chemical, waste, biohazard, radioactive etc)
- Biosafety precautionary principles
- Biotechnology (basic & plant)
- Food issues
- Risk assessment and risk management