

Seminar on Bioassay for the Management of Persistent Organic Pollutants (POPs)

PURPOSE AND BACKGROUND

Now a day the effect of dioxin-like chemicals and other Persistent Organic Pollutant (POPs) to the environment and human health are global issue. Given their characteristics, no one government acting alone can protect its citizens from POPs, the Stockholm Convention was adapted in 2001 and entered into force in 2004, requires its parties to take measures to eliminate or reduce the release of POPs into the environment. Thailand has ratified the agreement in January 2005 and is acting as its implementation plan.

Under such circumstances, bioassay methods for measuring dioxins and other POPs, which are rapid, inexpensive and high quality, are being focused widely in the world. These methods has been approved as official method in US (for sediment), EU (for food), Japan (for emission gas), and in Taiwan (for soil) and are also being focused in developing countries.

This workshop is organized to understand actual status and countermeasure of POPs in Thailand which is known as “the kitchen of the world”, the trend of developed country’s usability of bioassay for dioxins and other POPs, and promote its use more widely by spreading its usefulness and effect for risk management of food, biological and other sample matrix. As Kyoto University opened its office for ASEAN in Bangkok, Thailand last year, this workshop will be held by the experts who are leading in the related field of both Japan and Thailand.

1. Seminar

Date: April 23, 2015

Time: 1 p.m. – 5.30p.m.

Location: Grand Millennium Hotel, Bangkok

2. Social event

Date: April 23, 2015

Time: 6.00 p.m. - 9.00 p.m.

Location: Grand Millennium Hotel, Bangkok

3. Host, Sponsor

Host: Hiyoshi Corporation, King Mongkut’s University of Technology Thonburi (KMUTT), Kyoto University, Japan, Kyoto University ASEAN Center.

Supporter: Kyoto University Alumni members

4. Estimated number of participant

Approximately above 60 Numbers

5. Secretariat

KMUTT and Kyoto University ASEAN center

6. Registration and Inquiry
Kyoto University ASEAN Center
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Seminar

Time	Description	Speaker & Title
13:00-13:25	Registration process	
13:25-13:30	Introductory words, Dr. Ayako FUJIEDA, Kyoto University ASEAN Center Introduction of all speaker, guest, Hiyoshi.	
13:30-13:35	Guest Speech	(TBC) Representative Embassy of Japan
13:35-13:40	Guest Speech	(TBC) Representative MONRE, Thailand or Representative Pollution Control Department, Thailand
13:40-13:45	Welcome Speech	(TBC) KMUTT President / Representative
13:45-14:15	Key Note Address	Prof. Dr. Chongrak POLPRASERT Thammasat University, Thailand Title: POPs Pollution and Remediation in South East Asia)
14:15-14:45	Key Note Address	Prof. Yoshihisa SHIMIZU, PhD Research Center for Environmental Quality Management Graduate School of Engineering, Kyoto University, Japan Title: Simulation of Hydrology and Water Quality for Integrated Watershed Management: Behavior and Distribution of Dioxins in the Lake Biwa Watershed in Japan
14:45-14:55	Group Photo	-
14:55-15:10	Tea Break	-
15:10-15:35	Seminar	(TBC) Representative Pollution Control Department, Thailand Title: TBA
15:35-16:05	Seminar	Dr. Prapat PONGKIATUL King Mongkut's University of Technology Thonburi, Thailand Title: Overlook sources of airborne persistent organic pollutants in Thailand
16:05-16:35	Seminar	Dr. Go SUZUKI Researcher, National Institute of environmental studies, Japan Title: "In vitro bioassay for the detection of dioxin-like compounds as a method approved by Japanese Ministry of the Environment"
16:35-17:05	Seminar	Mr. Masafumi NAKAMURA Hiyoshi Corporation, Japan Title: Principle of Bioassay method and their application
17:05-17:20	Seminar	Mr. SUNDARA Hiyoshi Corporation Title: Introduction DVD & Introduction of Hiyoshi Corporation Total Environmental services
17:20-17:30	Closing Ceremony	Assoc. Prof. Dr. Chalermraj WANTAWIN

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Social event

Time	Description	Speaker & Title
18:00-18:30	Reception desk	KMUTT
18:30-18:40	Opening address	Mr. Hiroshi MURATA President & CEO Hiyoshi Corporation
18:40-18:45	Toast	Prof. Dr. Yoshihisa SHIMIZU Research Center for Environmental Quality Management Graduate School of Engineering, Kyoto University, Japan
18:45-20:55	Dinner + Addresses from guests	
20:55-21:00	Closing remarks	(TBC)