

**「農林水産業におけるダイオキシン類の動態と生物影響」  
に関する国際ワークショップ**

*International Workshop on  
“ Effects of Dioxins on Agriculture, Forestry and Fisheries  
and their Mechanisms of Action on Animals and Fishes “*

開催日：平成14年12月4日(水)・5日(木)・6日(金)

開催場所：つくば国際会議場(エポカルつくば) 中ホール300

茨城県つくば市竹園2 - 20 - 3

## プログラム：

### 12月4日(水)

9:30 - 10:00 Registration

10:00 - 10:15 Welcome address ----- 陽 捷行(農環研理事長)

#### *Introduction : Global Concern and Historical Review*

10:15 - 10:55 Overview of dioxin study in Japan ----- 森田昌敏(国環研)

#### *Session I. Biological Impacts*

10:55 - 11:35 I-1 Keynote Speech : Spatial and temporal trends of dioxins, PCBs and OC pesticides in North American arctic wildlife  
----- Derek Muir ( National Water Research Inst., CANADA )

11:35 - 13:00 Lunch Time

13:00 - 13:40 I-2 Contamination and biological impacts of persistent toxic substances in wildlife and humans from Asia-pacific ----- 田辺信介(愛媛大)

13:40 - 14:20 I-3 Concentrations and bioaccumulation of PCDDs and PCDFs in aquatic community ----- Jong-Guk Kim (Chonbuk Natl. Univ., KOREA)

14:20 - 15:00 I-4 The bioaccumulation of PCDDs, PCDFs and Co-PCBs through marine food web ----- 奥村 裕(東北区水研)

15:00 - 15:20 Coffee Brake

15:20 - 16:00 I-5 Bioaccumulation of dioxins in terrestrial wildlife  
----- 山田文雄(森林総研)

16:00 - 16:40 I-6 Concentrations and accumulation of dioxins in feed and farm animals  
----- 三浦克洋(動衛研)

16:40 - 17:00 Discussion

17:30 - 19:30 Banquet (at Restaurant Espoir)

## 12月5日(木)

### *Session II. Dynamics in Environment*

- 9:30 - 10:10 II-1 Keynote Speech : Dioxins and dioxin-like compounds in wildlife from the North American Great Lakes  
----- Kurunthachalam Kannan( State Univ. of New York at Albany, USA )
- 10:10 - 10:50 II-2 Risk assessment and current exposure status to endocrine disruptors in Korea ----- Hyomin Lee (Food and Drug Administration, KOREA)
- 10:50 - 11:30 II-3 Analysis and congener patterns of PCDD/Fs, PCBs and PCNs in ambient air ----- 中野 武( 兵庫県健康環境科学研究センター )
- 11:30 - 13:00 Lunch Time
- 13:00 - 13:40 II-4 Uptake of atmospheric dioxins by plant leaves  
----- 黒川陽一 ( 福岡県保健環境研 )
- 13:40 - 14:20 II-5 Time trend of dioxins in Japanese paddy field  
----- 清家伸康 ( 農環研 )
- 14:20 - 15:00 II-6 Dioxins runoff from watershed with suspended solid and it's suppression  
----- 上沢正志 ( 農環研 )
- 15:00 - 15:20 Discussion
- 15:20 - 15:40 Coffee Brake
- 15:40 - 16:20 II-7 Dioxins contamination to the top parts of rice plants grown in soils  
----- 桑原雅彦 ( 農環研 )
- 16:20 - 17:00 II-8 Levels and contamination pathway of dioxins in vegetables  
----- 殷 熙洙 ( 農環研 )
- 17:00 - 17:40 II-9 Levels of PCDDs, PCDFs and dioxin-like PCBs in foods and their dietary intake in Japan ----- 堤 智昭 ( 国立医薬品食品衛生研 )
- 17:40 - 18:00 Discussion

## 12月6日(金)

### *Session III. Degradation / Remediation*

- 9:30 - 10:10 III-1 Keynote Speech : Current applications of bioremediation and phytoremediation : U.S. perspective --- Walter W. Kovalick, Jr. (EPA, USA)
- 10:10 - 10:50 III-2 Oxygenases and dehalogenases : Engineering for efficient degradation of chlorinated organic compounds ----- 古川謙介 ( 九州大 )
- 10:50 - 11:30 III-3 Degradation of dioxins by white-rot fungi  
----- 西田篤實( 森林総研 )
- 11:30 - 13:00 Lunch Time

13:00 - 13:40	III-4	Phytoremediation for chlorinated organic chemicals and mycotoxins ----- 山口 勇( 理化学研究所植物科学研究センター )
13:40 - 14:20	III-5	Chemical destruction processes of PCDDs/DFs and PCB and their monitoring ----- 酒井伸一( 国環研 )
14:20 - 14:40	Discussion	
14:40 - 15:00	Coffee Brake	
15:00 - 15:40	General Discussion / Concluding Remark	
15:40 - 16:00	Farewell Address	

問い合わせ先：  
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