

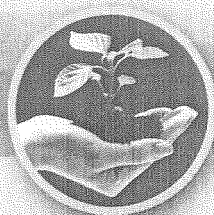
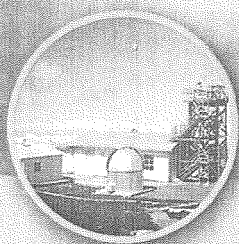
Final Program

The 7th International Symposium on **Advanced Environmental Monitoring**

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East-West Center, Honolulu, Hawaii, USA

☐ Topics:

- Atmospheric Environment
- Contaminant / Desalination
- Environmental Toxicity



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Contaminants Control Process Monitoring

II-PB1 Development of Planar Potentiometric Sensors to Measure Oxidation-Reduction Potential (ORP)

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II-PB2 Toxic Response of Clostridia and Escherichia coli to Lignin Hydrolysate-Related Compounds

Robert J. Mitchell¹, Yun-Jie Lee¹, Sun-Mi Lee¹, Joo-Myung Ahn², Young-Soon Um¹, Man Bock Gu², Hong-Kyun Lee³, Jung-Hwan Cho³, Sung-Ho Kong³, YongHwan Kim⁴ and Byoung-In Sang¹

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II-PB3 Biodegradation of 2,4-dichlorophenol and Bisphenol A in a pre-anoxic/anaerobic nutrient removing membrane bioreactor

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II-PB4 Monitoring and Mapping of Soil Microbial Diversity using Artificial Intelligence Algorithms from GIS-based Soil Environmental Properties

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II-PB5 A real-time monitoring & control for reducing 2-Methylisoborneol (MIB) and Geosmin in the treatment of drinking water

Tae-Mun Hwang, Hyunje Oh, Sook-Hyun Nam and Yune-Jung Choi

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II-PB6 Application of the Integrated Online Monitoring & Electronic Tuning System in the Demonstrated Field Plant of the Selected Intermittent-Aeration and Dynamic-Inflow-Change process

Young H. Yoon^{1,2}, Jae R. Park¹, Hyun M. Lim¹, Kwang B. Ko² and Jae S. Gee¹

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II-PB7 Emc analysis of long term monitoring data of urban storm drainage

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II-PB8 Sensitive and Quantitative Monitoring of Dynamics between Low- and High-Chlorinated-Ethene-Dechlorinating Microbes in Tidal Mudflat Sediments using Population-Targeted Molecular Tools

Jaemin Lee¹, Hyangkyun Oh¹, Hojeong Kang¹, Soohyun Jung² and Joonhong Park¹

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II-PB9 Long term monitoring of storm surface runoff from urban pavement road in Korea

C. S. Lee¹, G. T. Seo², J. H. Lee², Y. S. Yoon³, J. J. You³ and C. K. Sin³

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