

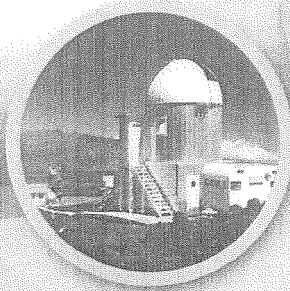
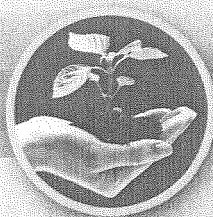
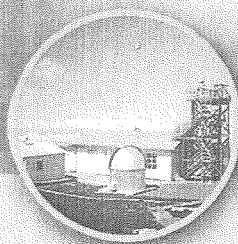
Final Program

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

February 25-28, 2008
East-West Center, Honolulu, Hawaii, USA

☐ Topics:

- Atmospheric Environment
- Contaminant / Desalination
- Environmental Toxicity



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Contaminants Control Process Monitoring

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

Zhiwei Zou¹, Chong H. Ahn¹, Paul L. Bishop² and Am Jang²

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

Ki-Pal Kim¹, Zubair Ahmed¹, Kyung-Guen Song¹, Kyu-Hong Ahn¹ and Ki-Jung Paeng²

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

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III-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

Korea Institute of Construction Technology, 2311 Daehwa-Dong, Ilsan-gu, Kyonggi-do, KOREA

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

G.T. Seo¹, B.H. moon¹, C.H. Yoon², C.S. Lee³, H.G. Park³ and S.C. Hong⁴

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

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

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III-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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