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**Executive Editor**

**Ki Hyun Kim**

**Professor**

**Department of Civil &  
Environmental Engineering,**

**Hanyang University,**

**Seoul, Korea**





## Biography

- Prof. Kim has been involved in various projects to measure the environmental behavior and cycling of hazardous heavy metal species (Hg, Cd, Pb, etc) across air-surface boundary. He has also been developing analytical techniques for odorants and volatile organic compounds along with their relationship with olfactory detection.



# Air & Water Borne Diseases

Open Access

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- Ki Hyun Kim His research interest include pollution problems in livelihood activities and catastrophic situations including environmental tobacco smoking (ETS), barbaecuing, oil spill accident.



## **Publications**

**Rare earth element scavenging in seawater**

RH Byrne, KH Kim

**Air/surface exchange of mercury vapor over forests—the need for a reassessment of continental biogenic emissions**

SE Lindberg, PJ Hanson, TP Meyers, KH Kim

**Micrometeorological measurements of mercury vapor fluxes over background forest soils in eastern Tennessee**

KH Kim, SE Lindberg, TP Meyers



**Micrometeorological gradient approach for  
quantifying air/surface exchange of mercury vapor:  
tests over contaminated soils**

SE Lindberg, KH Kim, TP Meyers, JG Owens

**The chemical composition of fine and coarse  
particles in relation with the Asian Dust events**

KH Kim, GH Choi, CH Kang, JH Lee, JY Kim, YH Youn,  
SR Lee



## **Characterization of malodorous sulfur compounds in landfill gas**

KH Kim, YJ Choi, EC Jeon, Y Sunwoo

## **Rare earth precipitation and coprecipitation behavior: the limiting role of $\text{PO}_4^{3-}$ on dissolved rare earth concentrations in seawater**

RH Byrne, KH Kim





**Metals in airborne particulate matter from the first and second industrial complex area of Taejon city, Korea**

KH Kim, JH Lee, MS Jang

**Use of the modified Bowen-ratio technique to measure fluxes of trace gases**

TP Meyers, ME Hall, SE Lindberg, KI Kim



**A review of airborne polycyclic aromatic hydrocarbons (PAHs) and their human health effects**

KH Kim, SA Jahan, E Kabir, RJC Brown

**Atmospheric mercury concentrations from several observatory sites in the Northern Hemisphere**

KH Kim, R Ebinghaus, WH Schroeder, P Blanchard, HH Kock, A Steffen.

**Design and initial tests of a dynamic enclosure chamber for measurements of vapor-phase mercury fluxes over soils**

KH Kim, SE Lindberg



**The temporal distribution characteristics of total gaseous mercury at an urban monitoring site in Seoul during 1999–2000**

KH Kim, MY Kim

**A review of sensor-based methods for monitoring hydrogen sulfide**

SK Pandey, KH Kim, KT Tang

**A review of methods for the determination of reduced sulfur compounds (RSCs) in air**

SK Pandey, KH Kim

# Journal of Air & Water Borne Diseases Related Journals

- Journal of Bacteriology & Parasitology
- Journal of Medical Microbiology & Diagnosis
- Journal of Microbial & Biochemical Technology
- Journal of Plant Pathology & Microbiology
- Journal of Vaccines & Vaccination



# Journal of Air & Water Borne Diseases Related Conferences

- Allergy Conference
- 4th Bacteriology and Infectious Diseases Conference
- 2nd Infectious Diseases Congress



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