

# **Journal of Water, Air and Soil Pollution: Focus**

## **Table of Contents**

### **Preface**

Sorial, G.A. 'Selected Papers from the Fourth International Conference on Environmental Science and Technology held in Houston, Texas, July 28-31, 2008.'

### **Air Quality Assessment**

Godoi, A.F.L., Sawada, E.Y., de Marchi, M.R.R., Van Grieken, R. , and Godoi, R.H.M. 'Determination of BTEX by GC-MS in air of offset printing plants: comparison between conventional and ecological inks.'

Godoi, R.H.M., Avilo Jr D., Campos, V.P., de Marchi, M.R.R., Van Grieken, R., and Godoi A.F.L. 'Indoor air quality assessment of elementary schools in Cutritiba, Brazil.'

### **Transport of Air Pollutants and Control Techniques**

Likuku, A.S. 'Atmospheric transfer and deposition mechanisms of  $^{210}\text{Pb}$  aerosols onto forest soils.'

Vanoye, A.Y. and Mendoza, A. 'Mesoscale meteorological simulations of summer ozone episodes in Mexicali and Monterrey, Mexico: Analysis of model sensitivity to grid resolution and parameterization schemes.'

### **Water Resources Assessment**

Masih, D., Seida, Y., Izumi, Y. 'Arsenic removal from dilute solutions by high surface area mesoporous iron oxyhydroxide.'

### **Industrial WasteWater Biotreatment**

Chen, Y., Lin, C., Chen, H., Fu, S., and Zhan, H. 'Cultivation of biogranules in a continuous flow reactor at low dissolved oxygen.'

### **Drinking Water**

Srinivasan, R. and Sorial, G.A. 'Adsorption of geosmin and MIB on activated carbon fibers–Single and binary solute system.'

Yigit, Z. and Inan, H. 'A study of the photocatalytic oxidation of humic acid on anatase and mixed-phase anatase-rutile  $\text{TiO}_2$  nanoparticles.'

### **Physico-Chemical Waste Water Treatment**

Yu J. and Kupferle, M.J. 'Impact of cathode conditions on coupled electrochemical treatment of nitrate brine concentrates.'

### **Metal Distribution and Remediation**

Padmavathiamma, P. and Li, L. (2010). Phytostabilisation – A sustainable remediation technique for zinc toxicity in soils. *Water, Air, and Soil Pollution: Focus* (this issue).

### **Bio-Assessment and Toxicology**

Badea, M. , Taus, N., Potrovita, M., and Moarcas, M. 'Toxicological studies of mycotoxins using enzymatic and histochemical methods.'

### **Landfill Recycling and Phytoremediation**

Ma, X., Archer, T., and Wang, C. 'Concentration effects on competitive sorption of trichloroethylene and tetrachloroethylene to the roots of *Typha latifolia*: Implications for phytomonitoring.'

### **Wetlands and Sediments**

Gaboutloeloe, G., Chen, S., Barber, M.E., and Stöckle, C.O. 'Combinations of horizontal and vertical flow constructed wetlands to improve nitrogen removal.'

### **Environmental Planning and Management**

Kazakov, S.V., Utkin, S.S. 'Legal aspects of safety of techa cascade of reservoirs – Liquid radioactive waste storage facilities.'

### **Solid Waste Management**

Ramos, D.T., Maranhão, L.T., Godoi, A.F.L., Filho, M.A.C., Lacerda, L.G., and de Vasconcelos, E.C. 'Petroleum hydrocarbons rhizodegradation by *Sebastiania commersoniana* (BAILL.) L. B. SM. & DOWNS.'

### **Ecosystems Assessments and Restoration**

Chakraborty, S.K., Giri, S., Chakravarty, G., and Bhattacharya, N. 'Impact of ecorestoration on the biodiversity of sundarbans mangrove ecosystem, India.'