

Soil & Sediment Contamination

Table of Contents

Volume 23 • Issue 5 • 2014

Accumulative Characteristics of Some Plant Species to Magnesium around a Magnesite Mine Area in Northeast China Dan Yang, Qiong Zhao, Rong Mao, Lu-Jun Li, and De-Hui Zeng	497
Stability of Prussian Blue in Soils of a Former Manufactured Gas Plant Site Magdalena Sut, Frank Reppmann, and Thomas Raab	504
Suitable Chemical Properties of Animal Manure Compost to Facilitate Pb Immobilization in Soil Masahiko Katoh, Wataru Kitahara, Ryosuke Yagi, and Takeshi Sato	523
Migration and Stabilization of Multiple Heavy Metals in an Aged Contaminated Soil under a Constant Voltage Electric Field Weihua Zhang, Lulu Zhang, Shengyao Mao, and Rongliang Qiu	540
Applicability of Heavy-Metal Phytoextraction in United Arab Emirates: An Investigation of Candidate Species Ayman Alyazouri, Roger Jewsbury, Hassan Tayim, Paul Humphreys, and Mohammad H. Al-Sayah	557
Sorption of Glyphosate on Soil Components: The Roles of Metal Oxides and Organic Materials I. A. Ololade, N. A. Oladoja, F. F. Oloye, F. Alomaja, D. D. Akerele, J. Iwaye, and P. Aikpokpodion	571
Biodegradation of Petroleum Hydrocarbons in a Soil Polluted Sample by Oil-Based Drilling Cuttings Nadali Alavi, Ali-Reza Mesdaghinia, Kazem Naddafi, Ghasemali Mohebbali, Hiua Daraei, Afshin Maleki, and Loghman Alaei	586

Volume 23 • Issue 6 • 2014

Soil Washing Enhanced by Humic Substances and Biodegradable Chelating Agents Neil R. Hartley, Daniel C. W. Tsang, William E. Olds, and Paul A. Weber	599
Characterization of Soil Contamination in Miduk Mining District, SW Iran Farid Moore, Sharareh Dehghani, and Behnam Keshavarzi	614
Evaluation of Different Amendments to Stabilize Cadmium, Zinc, and Copper in a Contaminated Soil: Influence on Metal Leaching and Phytoavailability Z. Elouear, F. Bouhamed, and J. Bouzid	628
Toxicity of Chemically Spiked Sediment to the Carpet Shell Clam <i>Ruditapes decussatus</i> Embryos and Larvae Salem Fathallah	641
Distribution and Contamination Status of Trace Metals in the Mediterranean Coastal Sediments, Egypt Mohamed A. Okbah, Samir M. Nasr, Naglaa F. Soliman, and Mohammed A. Khairy	656
Green Manure and Overlapped Rhizosphere Effects on Pb Chemical Forms in Soil and Plant Uptake in Maize/Canola Intercrop Systems: A Rhizobox Study Y. Azimzadeh, M. Shirvani, and H. Shariatmadari	677
Prediction of Soil Lead Recontamination Trends with Decreasing Atmospheric Deposition Teresa Bowers, Peter Drivas, and Rosemary Mattuck	691