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ON THE COVER: We dedicate this cover, featuring a flowering Bottle tree on Socotra Island, to the winners of ES&T's 2014 Reviewer Awards. See the announcement of the awards, including names and information for the 30 winners of the Excellence in Review Award and the 3 winners of the Super Reviewer Award. The list will be printed in the next issue.

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DOI: 10.1021/es502338j

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DOI: 10.1021/es502133k

Role of Pb(II) Defects in the Mechanism of Dissolution of Plattnerite (β -PbO₂) in Water under Depleting Chlorine Conditions
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DOI: 10.1021/es502886n

Trophodynamic Behavior of Hydrophobic Organic Contaminants in the Aquatic Food Web of a Tidal River
Mohammed A. Khairy, Michael P. Weinstein, and Rainer Lohmann*

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DOI: 10.1021/es5030004

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DOI: 10.1021/es5032135

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Adeyemi S. Adeleye, Jon R. Conway, Thomas Perez, Paige Rutten, and Arturo A. Keller*

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DOI: 10.1021/es503406h

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DOI: 10.1021/es503510q

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Lixi Zeng, Ruiqiang Yang, Qinghua Zhang, Haidong Zhang, Ke Xiao, Haiyan Zhang, Yawei Wang,* Paul K.S. Lam, and Guibin Jiang

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Shigeyoshi Otosaka,* Takanori Nakanishi, Takashi Suzuki, Yuhi Satoh, and Hisashi Narita

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DOI: 10.1021/es5017526

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Martin Hoppe,* Robert Mikutta, Jens Utermann, Wilhelmus Duijnisveld, and Georg Guggenberger

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Danning Zhang, Shuwen Yan, and Weihua Song*

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Enhanced Photoproduction of Hydrogen Peroxide by Humic Substances in the Presence of Phenol Electron Donors

Yi Zhang, Kelli A. Simon, Andrea A. Andrew, Rossana Del Vecchio,* and Neil V. Blough*

DOI: 10.1021/es503609s

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P. Thakur,* S. Ballard, and R. Hardy

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Pei-Pei Wang, Guo-Xin Sun,* and Yong-Guan Zhu*

DOI: 10.1021/es504349p

Changes in Dissolved Organic Matter during the Treatment Processes of a Drinking Water Plant in Sweden and Formation of Previously Unknown Disinfection Byproducts

Michael Gonsior,* Philippe Schmitt-Kopplin, Helena Stavklint, Susan D. Richardson, Norbert Hertkorn, and David Bastviken

Environmental Modeling

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Driving Force Analysis of the Agricultural Water Footprint in China Based on the LMDI Method

Chunfu Zhao and Bin Chen*

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Heyeong Shin, Sungyoon Jung, Sungjun Bae, Woojin Lee,* and Hyungjun Kim*

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Garnet B. Erdakos,* Prakash V. Bhave, George A. Pouliot, Heather Simon, and Rohit Mathur

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Polyhalogenated Carbazoles in Sediments of Lake Michigan: A New Discovery

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Novel Microelectrode-Based Online System for Monitoring N₂O Gas Emissions during Wastewater Treatment

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Ri-He Peng, Xiao-Yan Fu, Wei Zhao, Yong-Sheng Tian, Bo Zhu, Hong-Juan Han, Jing Xu, and Quan-Hong Yao*

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Johnbull O. Dickson,* James B. Harsh, Markus Flury, Wayne W. Lukens, and Eric M. Pierce

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Ramanan Sekar and Thomas J. DiChristina*

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Effect of Lead Pollution Control on Environmental and Childhood Blood Lead Level in Nantong, China: An Interventional Study

Kai Chen, Lei Huang,* Beizhan Yan, Hongbo Li, Hong Sun,* and Jun Bi

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Evidence of Common Cadmium and Copper Uptake Routes in Zebrafish *Danio rerio*
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Albert L. Juhasz,* Paul Herde, Carina Herde, John Boland, and Euan Smith

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Low Carbon Technology Performance vs Infrastructure Vulnerability: Analysis through the Local and Global Properties Space

David A. Dawson,* Phil Purnell, Katy Roelich, Jonathan Busch, and Julia K. Steinberger

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Maria Taljegard,* Selma Brynolf, Maria Grahn, Karin Andersson, and Hannes Johnson

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Electrodriven Selective Transport of Cs⁺ Using Chlorinated Cobalt Dicarbollide in Polymer Inclusion Membrane: A Novel Approach for Cesium Removal from Simulated Nuclear Waste Solution

Sanhita Chaudhury, Arunasis Bhattacharyya, and Asok Goswami*

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Produced Water Exposure Alters Bacterial Response to Biocides

Amit Vikram, Daniel Lipus, and Kyle Bibby*

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Mathematical Model of Dynamic Behavior of Microbial Desalination Cells for Simultaneous Wastewater Treatment and Water Desalination

Qingyun Ping, Chenyao Zhang, Xueer Chen, Bo Zhang, Zuyi Huang,* and Zhen He*

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Jinru Lin, Ning Chen, and Yuanming Pan*

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