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**Fukushima
Stimulates
Reconsideration
of Nuclear Plant
Vulnerability**



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ON THE COVER: Tsunami damage following the massive 3/11/2011 Tohoku earthquake triggered Japan's Fukushima nuclear disaster. In this issue, data from historical tsunamis and storm surges is compared to protection measures against inundation for nuclear plants worldwide. The data suggests that Japan's plants and plants operated by large utility companies tend to be relatively unprotected against inundation.

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Valerie J. Watson, Cesar Nieto Delgado, and Bruce E. Logan*

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6711 dx.doi.org/10.1021/es401135s

Comment on "Prediction of Soil Sorption Coefficients Using Model Molecular Structures for Organic Matter and the Quantum Mechanical COSMO-SAC Model"

Sierra Rayne*

6713 dx.doi.org/10.1021/es402076b

Response to Comment on "Prediction of Soil Sorption Coefficients Using Model Molecular Structures for Organic Matter and the Quantum Mechanical COSMO-SAC Model"

Kathy L. Phillips and Dominic M. Di Toro*

6715 dx.doi.org/10.1021/es401667h

Comment on "Prevented Mortality and Greenhouse Gas Emissions from Historical and Projected Nuclear Power"

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6718 dx.doi.org/10.1021/es402211m

Response to Comment on "Prevented Mortality and Greenhouse Gas Emissions from Historical and Projected Nuclear Power"

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6720 dx.doi.org/10.1021/es4014135

Comment on Constraining Nitrogen Inputs to Urban Streams from Leaking Sewers Using Inverse Modeling: Implications for Dissolved Inorganic Nitrogen (DIN) Retention in Urban Environments

Denny S. Parker*

6721 dx.doi.org/10.1021/es4021662

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6723 dx.doi.org/10.1021/es402438y

Correction to UV Irradiation and Humic Acid Mediate Aggregation of Aqueous Fullerene (nC₆₀) Nanoparticles

Xiaolei Qu, Yu Sik Hwang,* Pedro J. J. Alvarez, Dermont Bouchard, and Qilin Li*

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