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Rocket Fuels, Metals Release and Surface Waters



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ON THE COVER: A space shuttle launches from Kennedy Space Center on the east coast of the USA. As the shuttle launches, the chemical rocket fuels release metals and vaporize metals off the gantry supporting the shuttle prior to launch. The deposition of metals in the surrounding surface water is examined in this issue's cover article.

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Mineralization of Basalts in the CO₂-H₂O-SO₂-O₂ System
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Hybrid Pressure Retarded Osmosis–Membrane Distillation System for Power Generation from Low-Grade Heat: Thermodynamic Analysis and Energy Efficiency
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[dx.doi.org/10.1021/es405770h](https://doi.org/10.1021/es405770h)

Atmospheric Hydrocarbon Emissions and Concentrations in the Barnett Shale Natural Gas Production Region
Daniel Zavala-Araiza, David W. Sullivan, and David T. Allen*

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Effect of Pelletization and Addition of Steam on the Cyclic Performance of Carbon-Templated, CaO-Based CO₂ Sorbents
Marcin Broda, Vasilije Manovic, Edward J. Anthony, and Christoph R. Müller*

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Pore-Scale Investigation of Micron-Size Polyacrylamide Elastic Microspheres (MPEMs) Transport and Retention in Saturated Porous Media

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Microbial Abundance and Community Composition Influence Production Performance in a Low-Temperature Petroleum Reservoir

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Comment on “Fungicide Field Concentrations Exceed FOCUS Surface Water Predictions: Urgent Need of Model Improvement”

Stefan Reichenberger*

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Response to Comment on “Fungicide Field Concentrations Exceed FOCUS Surface Water Predictions: Urgent Need of Model Improvement”

Anja Knäbel* and Ralf Schulz

Additions and Corrections

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Correction to Novel Passive Sampling Device for Measuring Sediment-Water Diffusion Fluxes of Hydrophobic Organic Chemicals

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