

Environmental Science: Advances

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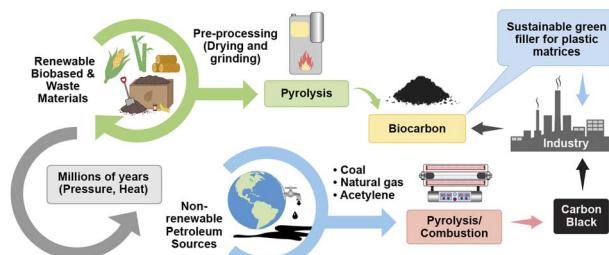
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TUTORIAL REVIEW

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Recent advances on value-added biocarbon preparation by the pyrolysis of renewable and waste biomass, their structure and properties: a move toward an ecofriendly alternative to carbon black

Drupitha MP, Manjusri Misra* and Amar Kumar Mohanty*

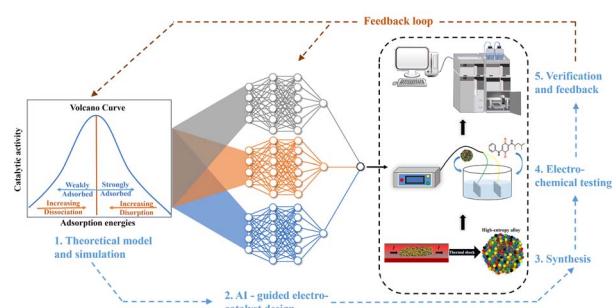


PERSPECTIVE

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AI-guided electro-decomposition of persistent organic pollutants: a long-awaited vision becoming reality?

Lin Zhu, Lei Du, Guodong Cao and Zongwei Cai*



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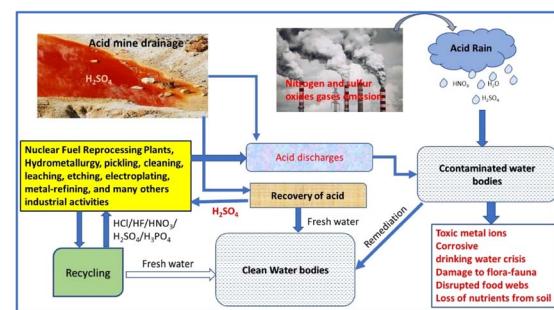
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CRITICAL REVIEWS

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Remediation and recycling of inorganic acids and their green alternatives for sustainable industrial chemical processes

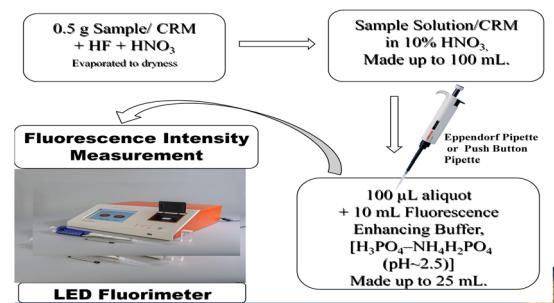
Chhavi Agarwal* and Ashok K. Pandey*



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D. P. S. Rathore,* P. K. Tarafder, V. Balaram, M. Mishra, J. Pari, A. G. Bhujle and D. D. Bhawalkar

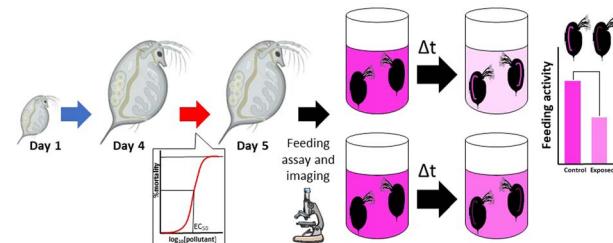


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Development and application of a sensitive feeding assay for daphnids based on the ingestion of fluorescent microparticles

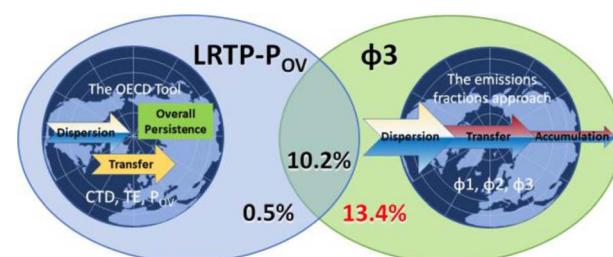
Maria Giannouli, Konstantinos Panagiotidis, Keith D. Rochfort and Konstantinos Grintzalis*



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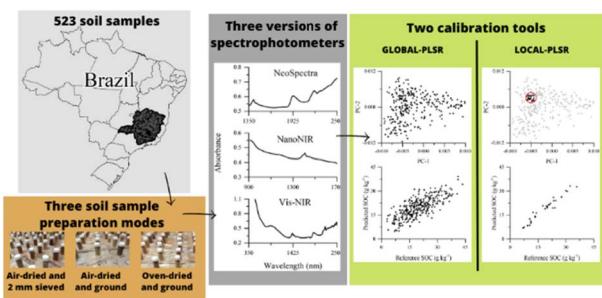
Added value of the emissions fractions approach when assessing a chemical's potential for adverse effects as a result of long-range transport

Knut Breivik,* Michael S. McLachlan and Frank Wania



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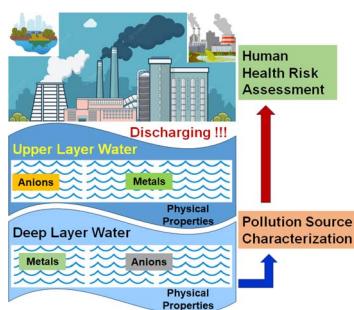
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Large-scale measurement of soil organic carbon using compact near-infrared spectrophotometers: effect of soil sample preparation and the use of local modelling

Aymbiré A. Fonseca, Celio Pasquini* and Emanuelle M. B. Soares

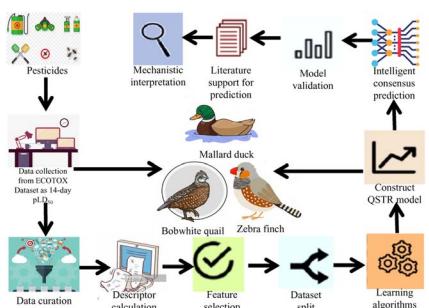
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Layer-wise physicochemical and elemental distribution in an urban river water, Bangladesh: potential pollution, sources, and human health risk assessment

Tapos Kormoker,* Md. Saiful Islam,* Md. Abu Bakar Siddique, Sazal Kumar, Khamphe Phoungthong, Md Humayun Kabir, Kazi Farhed Iqbal, Rakesh Kumar, Mir Mohammad Ali and Abu Reza Md. Towfiqul Islam

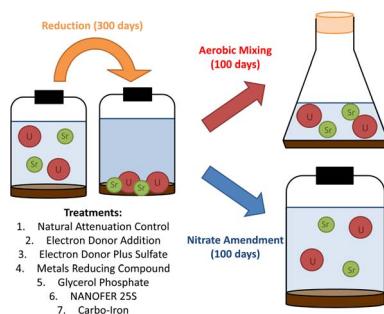
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Exploring regression-based QSTR and i-QSTR modeling for ecotoxicity prediction of diverse pesticides on multiple avian species

Trina Podder, Ankur Kumar, Arnab Bhattacharjee and Probir Kumar Ojha*

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In situ (bio)remediation treatment options for U and Sr contaminated land: a comparison of radionuclide retention and remobilisation

Gianni F. Vettese,* Katherine Morris, Matthew White-Pettigrew, Luke T. Townsend, Samuel Shaw, Christopher Boothman and Jonathan R. Lloyd*

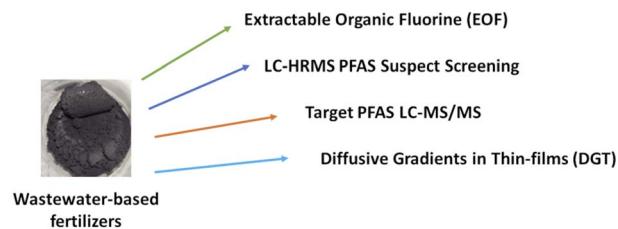


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Levels of per- and polyfluoroalkyl substances (PFAS) in various wastewater-derived fertilizers – analytical investigations from different perspectives

Christian Vogel,* Philipp Roesch, Philipp Wittwer, Christian Piechotta, Jan Lisec, Thomas Sommerfeld, Stephanie Kluge, Hannes Herz, Thomas Huthwelker, Camelia Borca and Franz-Georg Simon



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Ensemble hybrid machine learning to simulate dye/divalent salt fractionation using a loose nanofiltration membrane

Nadeem Baig, S. I. Abba,* Jamilu Usman, Mohammed Benaafi and Isam H. Aljundi

