

Environmental Science: Advances

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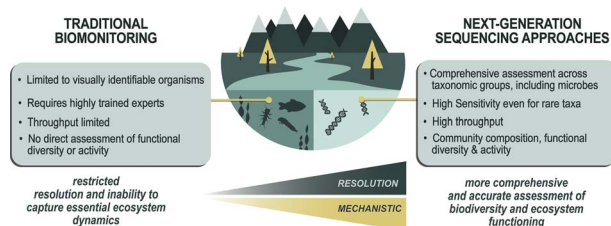
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See Matthew D. Taylor *et al.*, pp. 1259–1270. Image reproduced by permission of Matthew D. Taylor from *Environ. Sci.: Adv.*, 2024, 3, 1259.

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Solving freshwater conservation challenges through next-generation sequencing approaches

Milena Esser, Markus Brinkmann and Markus Hecker*

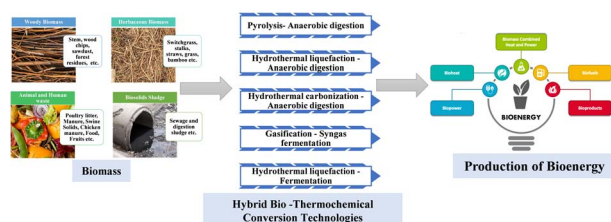


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A review on waste biomass-to-energy: integrated thermochemical and biochemical conversion for resource recovery

Yasmin Ara Begum, Sheetal Kumari, Shailendra Kumar Jain and Manoj Chandra Garg*



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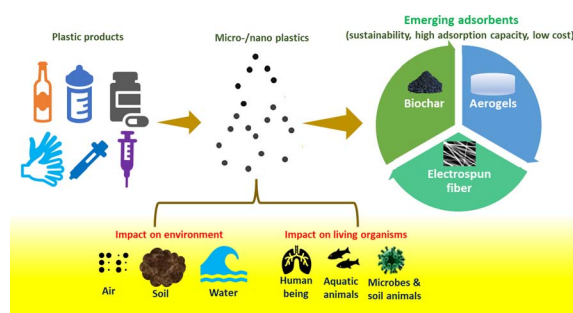


CRITICAL REVIEWS

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Exploring sustainable adsorbents to mitigate micro-/ nano-plastic contamination: perspectives on electrospun fibrous constructs, biochar, and aerogels

Krishna Priyadarshini Das, Pooja Chauhan, Ulrike Staudinger and Bhabani K. Satapathy*

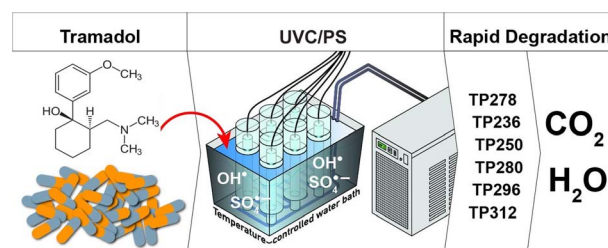


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From batch system toward continuous UV/PS based AOP reactor: the case of tramadol effluent degradation

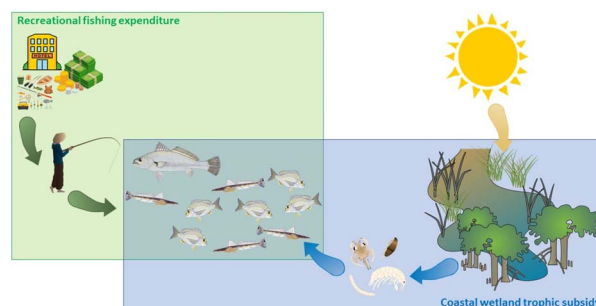
Weam Bou Karroum, Abbas Baalbaki, Amir Nasreddine, Nadim Oueidat and Antoine Ghauch*



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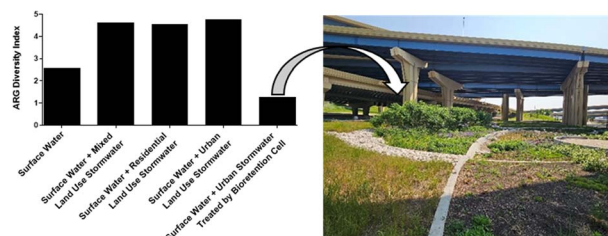
Matthew D. Taylor,* Troy F. Gaston, Vincent Raoult, Julian M. Hughes, Jeff Murphy, Daniel E. Hewitt, Rod M. Connolly and Faith A. Ochwada-Doyle



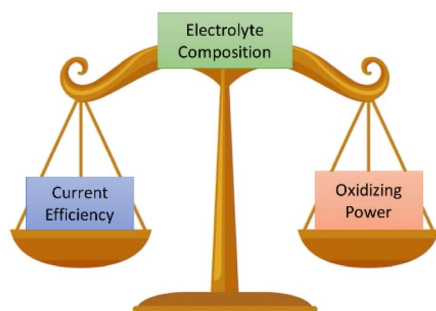
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Stormwater alters the resistome of urban surface water, an impact that can be mitigated by green stormwater infrastructure

Kassidy O'Malley, Walter McDonald and Patrick McNamara*



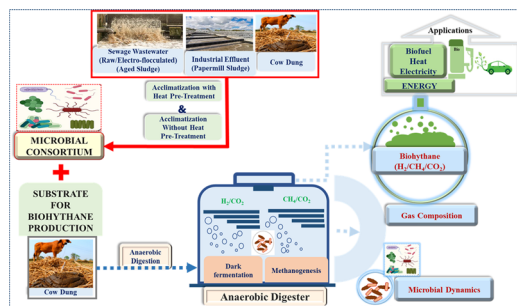
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Anodic peroxide production for advanced oxidation processes with different metal oxide electrodes in carbonate electrolytes

Tobias Schanz and Jonathan Z. Bloh*

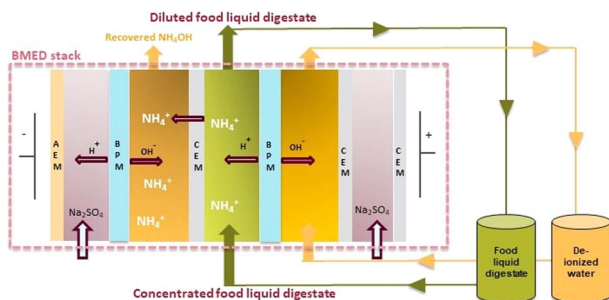
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Production of biohythane from cow dung using novel microbial synthetic consortia designed by heat-treated and acclimatized combined wastes

Rashmi Ira, Vikas Sharma, Shrawan Kumar, Mira Koul, Lalita Sharma, Aditi Halder and Tulika Prakash*

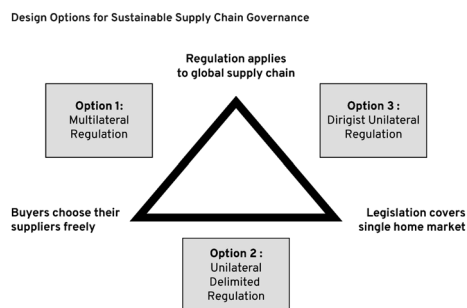
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Enhancing ammonia recovery through pH polarization in bipolar membrane electrodialysis

Sandali Panagoda, Pengyi Yuan, Vladimir Pavlovic, John Barber and Younggy Kim*

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Advancing sustainability through supply chain legislation? A policy trilemma

Luc Fransen,* Martin Curley and Anne Lally

