

Special Issue

Industrial Ecology in Support of Sustainable Urban Development—from Measuring to Decision Support

Message from the Guest Editors

Suggested themes for submission (but not restricted to) Energy and material security on regional and local levels and the role of different critical materials and primary non-fossil energy sources in urban development; Transformation processes in power supply, raw material supply, and a rethinking of urban structures including urban planning and architecture; Future “Black Swans” when it comes to the supply of critical materials for non-fossil energy systems. How can urban systems become more resilient toward unexpected events? Energy–material–biodiversity nexus in urban development on regional and local levels; Widening the perspectives of LCA from only climate aspects to integrated sustainability in urban areas; Critical analysis of carbon solutions proposed for cities, e.g., climate neutrality, zero carbon, carbon-negative solutions, zero waste, circular economy, etc.; The role of distributed energy systems for more redundant and resilient cities involves local actors and consumers; How to handle and communicate the conflicts between environmental, social, and economic aspects on the local level.

Guest Editors

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Deadline for manuscript submissions

closed (25 April 2024)



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