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# Restoring Urban Soil Biodiversity with Constructed Technosols from Excavated Mineral Wastes

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## Résumé

Cities export mineral wastes and import topsoils, depleting resources and increasing pollution. Constructed Technosols made from excavated materials and compost can replace natural soils for urban greening. In a five-year field trial, compost-enriched mixtures enhanced vegetation growth, species richness, and soil fauna colonization, improving carbon storage and soil functions, confirming their efficiency for long-term biodiversity and ecosystem restoration in urban environments.

**Mots-Clés:** Constructed Technosols, Urban soils, Biodiversity restoration, Excavated materials, Soil fauna, Compost enrichment

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