

## Special Issue

# Urban Agriculture as a Nature-Based Solution: Climate Mitigation, Inclusivity, and City-Region Food Systems That Are Financially Sustainable

### Message from the Guest Editors

Cities worldwide are confronting complex, interconnected socio-ecological challenges, including climate change impacts, biodiversity loss, social marginalization, and fragile food supply chains. Urban agriculture (UA)—spanning a continuum from community gardens and rooftop farms to peri-urban agroecological systems—is emerging as a critical Nature-based Solution (NbS). Specific areas of interest include, but are not limited to:

**Quantitative Assessments of Ecosystem Services:** Empirical studies measuring the impact of various UA models on climate change mitigation (e.g., carbon sequestration, energy savings), urban biodiversity, air and water quality, and local microclimate regulation.

**Longitudinal and Comparative Urban Analysis:** Long-term studies that track the evolution and impact of UA initiatives across different cities and regions, identifying key factors for success and failure.

**Decision-Support Systems:** The development and validation of open-source tools, geospatial models, and monitoring dashboards designed to aid urban planners, policymakers, and practitioners in optimizing UA placement and management.

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### Guest Editors

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### Deadline for manuscript submissions

31 October 2026



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## Editor-in-Chief

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