

Review of: "Urban Agroecosystems in Dynamic Yamuna River Sandbars in Delhi, Capital City of India"

Ghulam Dastgeer¹

¹ Sejong University

Potential competing interests: No potential competing interests to declare.

The study provides valuable insights into the urban agroecosystems of Yamuna River sandbars in Delhi, shedding light on the various activities and livelihoods associated with these fragile landscapes. However, there are several areas where revisions are needed to strengthen the manuscript:

1-While the use of GIS technology is commendable, consider providing a more detailed spatial analysis to better understand the spatial patterns and dynamics within the sandbar ecosystems.

2-The manuscript could benefit from a more in-depth exploration of the environmental sustainability of the agricultural practices observed on the sandbars, including considerations of soil degradation and water pollution.

3-Further discussion on the governance structures and policy implications surrounding land use and tenure on the sandbars would enrich the manuscript and provide valuable insights into the challenges faced by local communities.

4-Expand on the socio-economic context of the sandbar communities, particularly regarding seasonal migration and the role of cheap laborers from different states. This would provide a more comprehensive understanding of the livelihood dynamics in the area.

5- The following recent studies need to be addressed/cited in the introduction section
(<https://doi.org/10.1016/j.ceramint.2023.12.301>), (<https://doi.org/10.1016/j.nanoen.2023.109106>),
(<https://doi.org/10.1002/adfm.202204781>),
(<https://doi.org/10.3390/ma14247535>), (<https://doi.org/10.1002/admi.202100705>)

6-Consider addressing the long-term viability of the agricultural practices and livelihoods observed on the sandbars, taking into account factors such as socio-economic inequalities and potential government interventions.

7-Ensure clarity and organization throughout the manuscript, particularly in presenting the findings and discussing their implications.