

Response to Editor's Comments

EGUSPHERE-2025-469 | Review article

Review article: Re-viewing Berlin's Urban Parks from the Perspectives of Socio-Economic Inequality, Climate Resilience, and Sustainable Management

Dear Editor,

Thank you very much for your constructive and detailed feedback on our manuscript. We have revised the manuscript accordingly, addressing all requested changes. In several instances, the exact line numbers differed in the revised version, as the text has undergone substantial restructuring and expansion since the original submission. Therefore, for a few comments, we implemented revisions based on the intended content, ensuring that the relevant issues were fully addressed even where the precise original line reference no longer aligned. We kindly ask you to verify that the intended corrections have been incorporated appropriately.

Below, we provide a point-by-point response to your comments, followed by a brief summary of several additional improvements we made to enhance clarity, accuracy, and consistency across the manuscript.

Point-by-Point Responses

L73, L76: “reviewing” instead of “re-viewing”

Corrected throughout the manuscript.

The relevant occurrences were updated to *reviewing sustainability* or *reviewed sustainability*, depending on context.

L114, L116: Reference mismatch (“Amt für Statistik Berlin-Brandenburg” vs. “Statistical Office Berlin-Brandenburg”)

Harmonised to “**Amt für Statistik Berlin-Brandenburg**” uniformly.

L120: Correct reference to “Kabisch and Haase (2014)”

All instances corrected.

Several appearances of “Hasse” were updated to **Haase**.

Cross-checked entire reference list for accuracy.

L129: Add reference (e.g., FIS-Broker) and move URL to reference list

The map source description was revised.

FIS-Broker (2024) was added to the reference list.

L188: “Socio-economic studies”

Corrected.

L193: “Case-specific investigations”

Corrected.

L222: “Non-English language”

Corrected wording: **Non-English language**.

L230: “Publication type”

Corrected.

L266, L272, L278, L284, L290: Standardise the disciplinary names

Revised to:

- Urban planning and design
- Environmental science and ecology
- Social sciences and urban studies
- Climate science and meteorology
- Public health and well-being

General: Check capitalisation of headings

Corrected across the entire manuscript (all major headings and subheadings).
Figure captions were also brought into consistent style.

L347–L349: Provide support or avoid strong attribution (climate change vs. urbanisation)

As requested, we removed the strong causal claim.
Replaced with a cautious interpretation linked to Figure 7:

“...the warming trend is broadly consistent with the regional climatic signal, although local urbanisation effects cannot be fully excluded.”
This avoids unsupported attribution and aligns with the reviewer’s intent.

L356–357: Capitalisation of figure captions

All figure captions reviewed and corrected for consistent capitalisation.

L373–L375: Contradiction with L347–349

The contradictory statement no longer exists in the revised manuscript due to restructuring.
The climate–UHI section now consistently states:

- Regional warming dominates the long-term trend
- Urbanisation (UHI) amplifies local heat extremes
Thus, the contradiction is resolved conceptually and textually.

L418: “Does the most recent IPCC not define hazards?”

Updated to the latest AR6-consistent definition using:

- Reisinger et al. (2020)
 - IPCC (2021) Risk Guidance
- These are now added to the reference list.

L511: Provide a source for this statement

The contradictory statement no longer exists in the revised manuscript due to revising and restructuring.

L514: Avoid unused abbreviations (SUD, CSO)

Removed abbreviations that were introduced but not used later.

Additional Revisions Made (Not Requested but Necessary)

During revision, we identified several areas that required improvement to enhance clarity, consistency, and academic rigour. These include:

1. Standardised terminology

- Unified use of **urban parks**, **green spaces**, and **greenspaces** across the manuscript.
- Corrected inconsistent capitalisation of *parks*, *greens*, etc.

2. Removed grammatical issues and redundancies

3. Improved structure and transitions

- Added transition sentences between climate, governance, and social sections for smoother flow.

4. Improved definitions and conceptual clarity

- Translated German terms on first use (e.g., *Brachen*, *Zwischennutzung*, *BäumePlus-Gesetz*).

5. Ensured figures are referenced in text

6. Updated captions to be descriptive, shorter, and consistent

7. Added missing sources and cross-checked all references

8. Corrected inconsistencies in citation style

9. Strengthened justification for emphasising heavy rainfall

These enhancements ensure the manuscript meets the academic and stylistic standards of the journal and improves its readability and coherence.

Closing Statement

We thank you again for the thoughtful feedback and for guiding the manuscript towards publication. We have carefully implemented all requested revisions and added further improvements where needed. Given the extensive restructuring of the manuscript during the revision process, some exact line references no longer align; however, we worked carefully to ensure that all substantive points were addressed as intended.

We kindly ask you to review the revised manuscript to confirm that the changes meet the requirements for final acceptance.

With best regards,

Subham Mukherjee (on behalf of all co-authors)