

Correction

# Correction: Song et al. Metallic Iron, (Rain)Water, and the City: A Handout for Researchers and Policymakers

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With the agreement of all co-authors, corrections have been made to this article [1] to ensure proper attribution of collaborative contributions and compliance with academic integrity standards. The changes are as follows:

## 1. Main Text Corrections

Section 6.8, first paragraph, fourth sentence, corrected to: “During the colonial period (e.g., up to the 1950s/1960s), RWH was a common strategy for urban water supply in Africa, Asia, and South America [126,204,205].”

Section 6.10, first paragraph, second sentence, corrected to: “This sectorial approach has presented many deterministic and stochastic models that have subsequently been corrected or invalidated [7,81,82,212–214]. Despite the global application of IWRM using various models and concepts,



simultaneously addressing water scarcity (e.g., infiltration, storage) and water-related risks (e.g., erosion mitigation, flood control) under changing climate and land-use conditions is still difficult. Even the One Water Concept [59,61,215], which recognizes that drinking water, stormwater, and wastewater are a single, interconnected resource, contains an oversight [62,216]. A common oversight in past efforts is that they have attempted to use observations to infer models [92]. However, it is the essence of science that such endeavours cannot be successfully carried out. Most of the models, if not all, have been invalidated by field observations [19,34,214].”

Section 7.4, second paragraph, fourth sentence, corrected to: “and (iii) introducing rainwater harvesting into the scholar curriculum, particularly in developing countries [219,238–240].”

## 2. Reference Corrections

1. Reference 196 has been replaced:  
Jacque H, Mozafari B, Dereli RK, Cotterill S. Implications of water conservation measures on urban water cycle: A review. *Sustain. Prod. Consum.* **2024**, 50, 571–586. DOI:10.1016/j.spc.2024.08.026
2. Reference 214 has been replaced:  
Lu Y, Wang Y, Chen S, Chen T. Typological identification of surface rainwater utilization under a supply–demand synergy framework: A case study of Tianjin, China. *Sustain. Cities Soc.* **2026**, 139, 107212. DOI:10.1016/j.scs.2026.107212
3. The original Reference 214 has been renumbered as Reference 239:  
Li X, Yang S, Li J, Li Y, Liu D, Xiong F, et al. Impacts of rainfall characteristics and land cover types on an urban river water quality: A case study of sponge city Beijing. *J. Clean. Prod.* **2025**, 505, 145411. DOI:10.1016/j.jclepro.2025.145411
4. Reference 240 has been added:  
Shefaei A, Maleki A, van der Hoek JP, van de Giesen N, Abraham E. Optimising rainwater harvesting systems under uncertainty: A multi-objective stochastic approach with risk considerations. *Resour. Conserv. Recycl. Adv.* **2025**, 26, 200254. DOI:10.1016/j.rcradv.2025.200254

The authors state that the scientific conclusions are unaffected. The Academic Editor approved this correction. The original publication has also been updated.

## References

1. Song Y, Mih Sih A, Tchouandem Nzali C, Aliyu A, Nya EL, Mwamila TB, et al. Metallic Iron, (Rain)Water, and the City: A Handout for Researchers and Policymakers. *Hydroecol. Eng.* **2026**, 3, 10003. DOI:10.70322/hee.2026.10003