

Title: A Multiagent Socio-hydrologic Framework for Integrated Green Infrastructures and Water Resource Management at Various Spatial Scales

The manuscript has substantially improved based on reviewer feedback. The key scientific and conceptual concerns have been addressed, and the additional sensitivity analysis and policy recommendations strengthen its relevance. However, minor typographical and grammatical errors persist. A final proofreading pass is recommended before submission.

Remaining minor comments:

Line 268: “textcolorred”?

2.1 Overview of the multiagent system architecture. I like the framing of a multiagent framework, but the language used in the text still confuses me. For example, I would suggest saying two agents instead of two ABM models In line 187. Similarly, in line 193 “we build an ABM and two multiagent systems” – it sounds really confusing. It works better for me when referring to the watershed scale model as the multiagent system and city-scale models as agents, which is developed using agent-based modeling technique. I will leave the decision to the authors.

Figure 1 (Conceptual Framework)

- The figure remains complex and difficult to interpret. May consider simplify A. City -scale IGWM (the processes are not readable anyway) and remove some of the dashed lines.

Figure 2 (B): the equation is not readable.

Figure 3 (A): the font size is too small.