

Appendix A. Supplementary Material

Preliminary model-based evaluation of water conservation strategies in a semi-arid urban zone

Marcelino Antonio Zúñiga-Estrada, Liliana Lizárraga-Mendiola, Carlos Alfredo Bigurra-Alzati, Sergio Esteban Aldana-Alonso, Jorge Santiago Ramírez-Núñez, and Gabriela A. Vázquez-Rodríguez*

* Correspondence: gvazquez@uaeh.edu.mx

Contents:

Figure S1. Flow simulated in scenario A after a 39-mm storm event.

Figure S2. Volume simulated in scenario A after a 39-mm storm event.

Figure S3. Flow simulated in scenario A after a 30-mm storm event.

Figure S4. Volume simulated in scenario A after a 30-mm storm event.

Figure S5. Flow simulated in scenario A after a 9-mm storm event.

Figure S6. Volume simulated in scenario A after a 9-mm storm event.

High-resolution figures of the dynamics of the runoff generated in scenarios A (conventional urban development without LID implementation), B (urban development with LID practices), and C (realistic urban development with LID practices) 1.5 h after starting two simulated storm events: 30 mm in one day followed of 9 mm the following day, and 39 mm in one day.

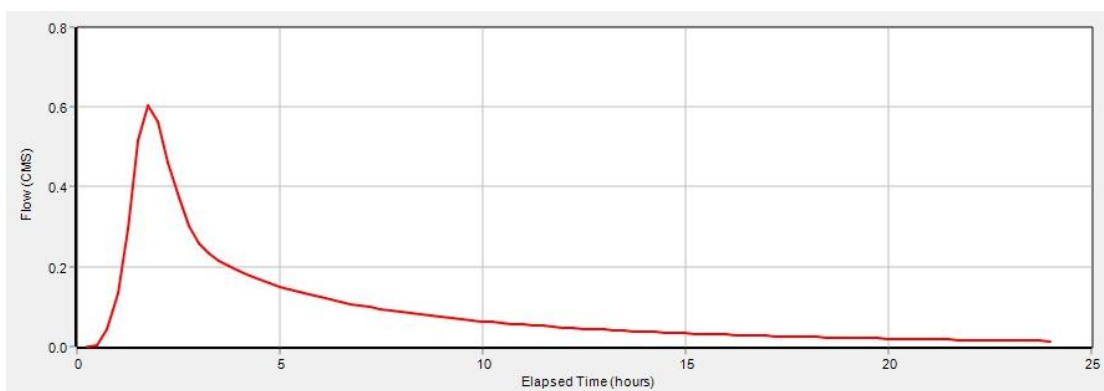


Figure S1

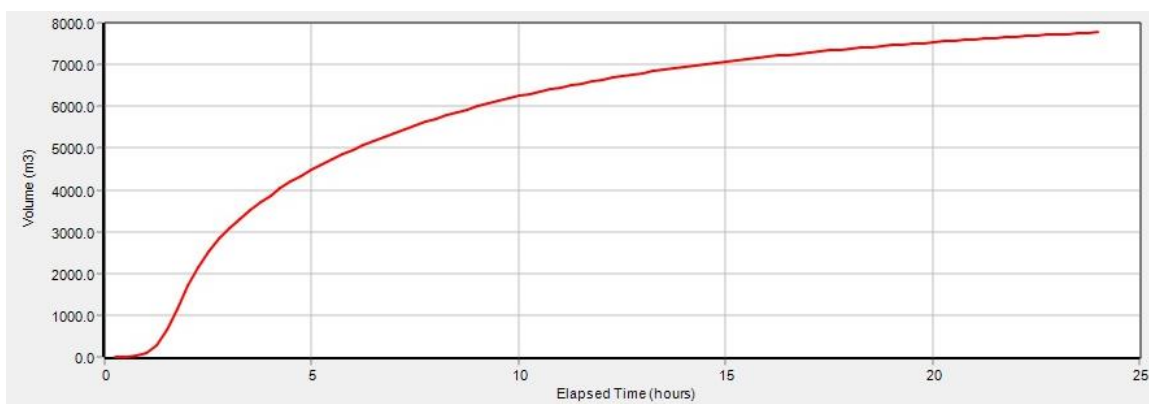


Figure S2

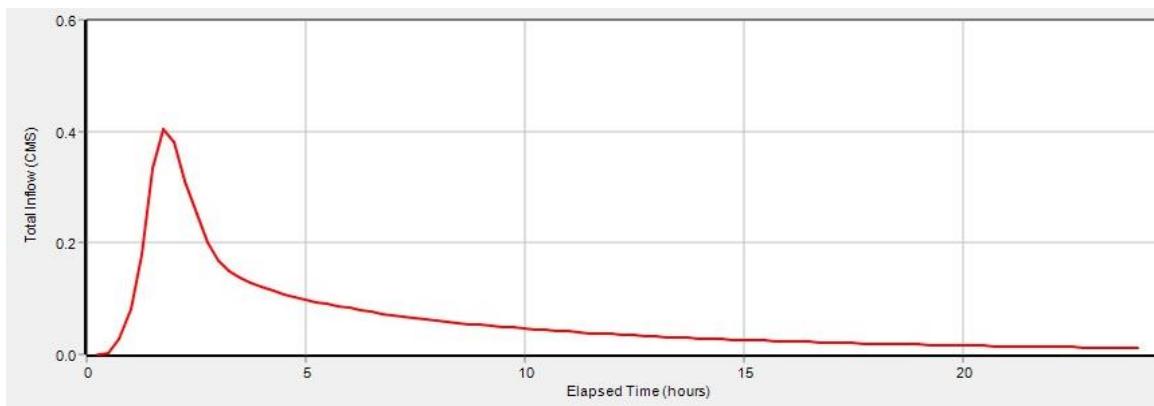


Figure S3

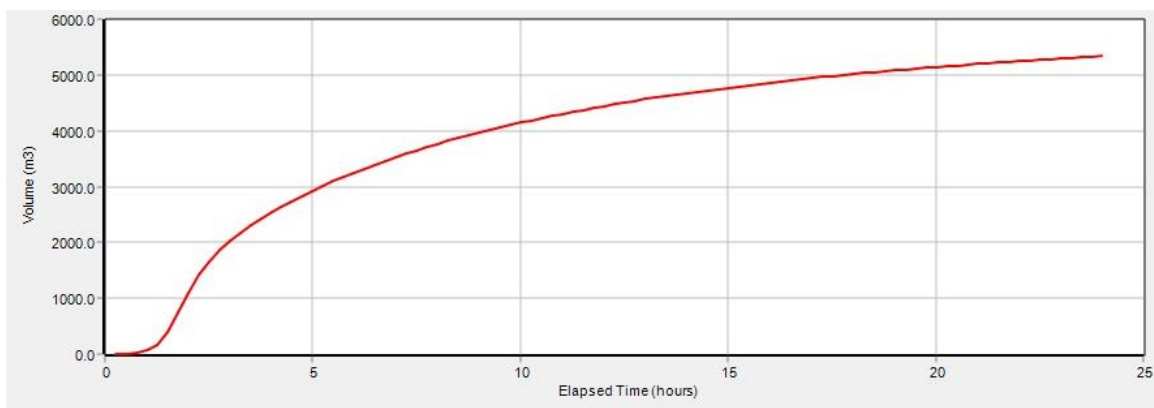


Figure S4

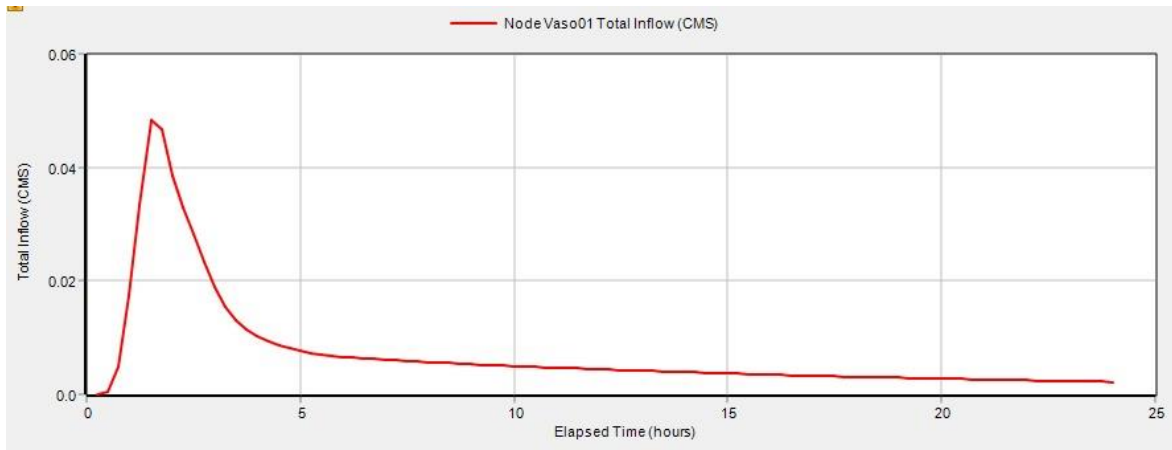


Figure S5

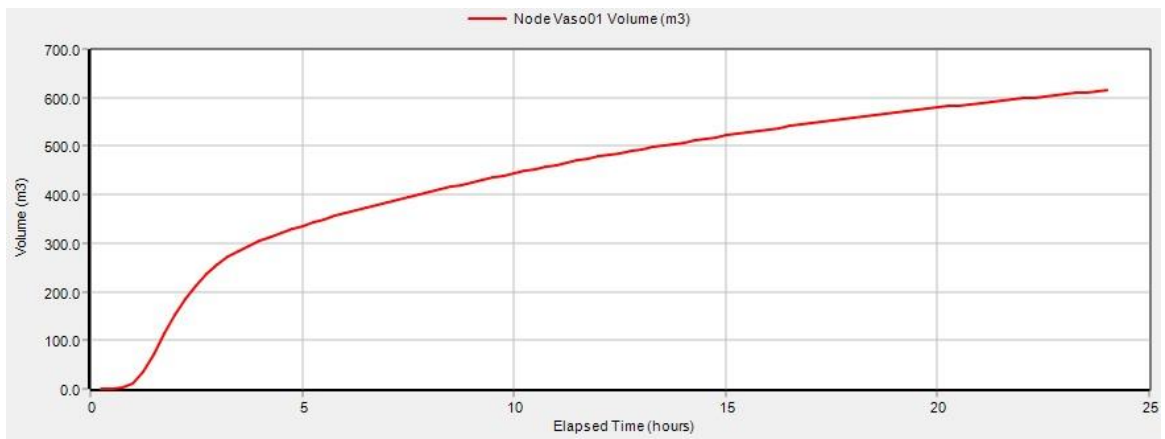
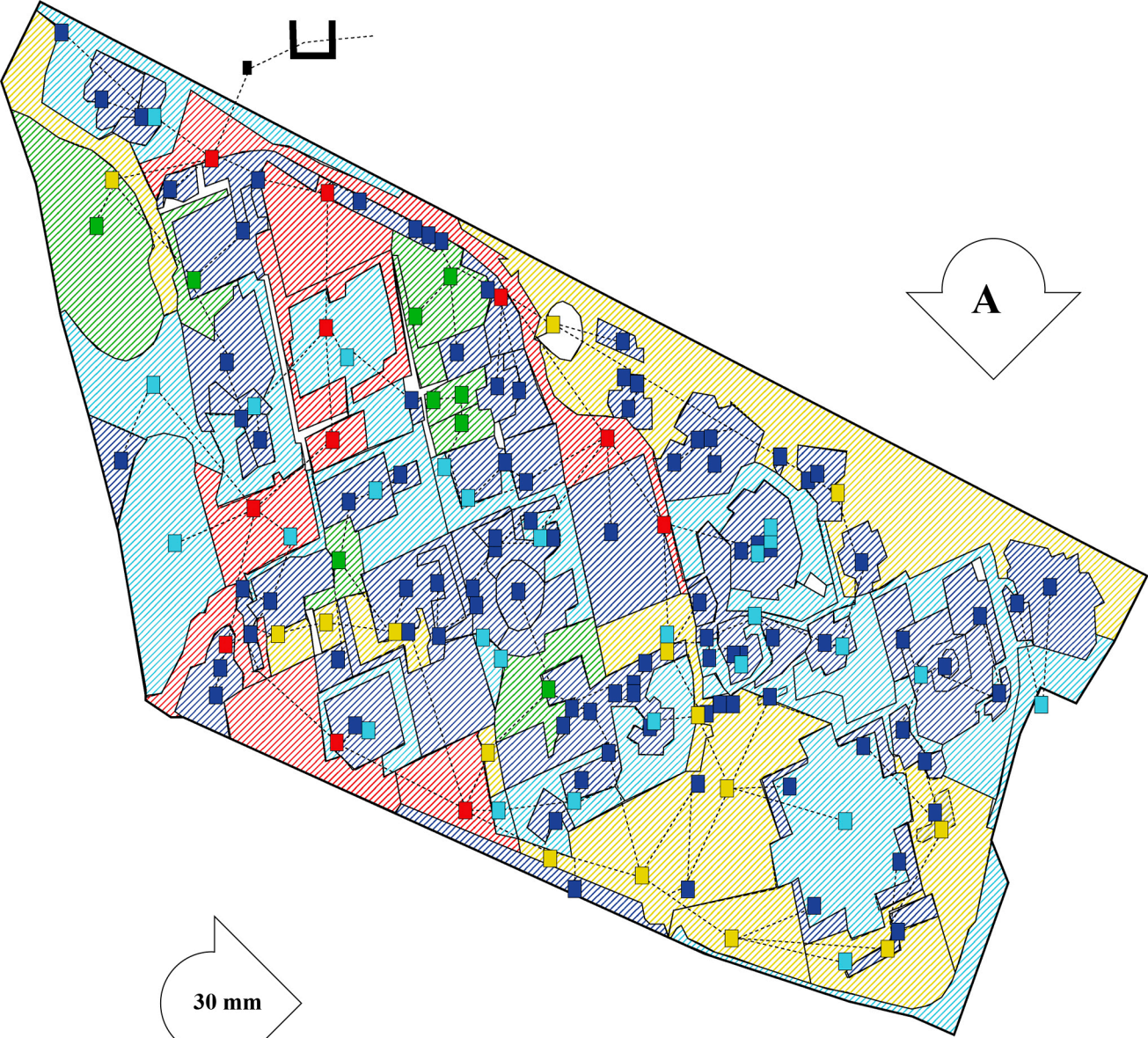
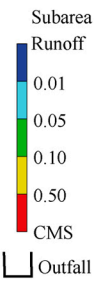
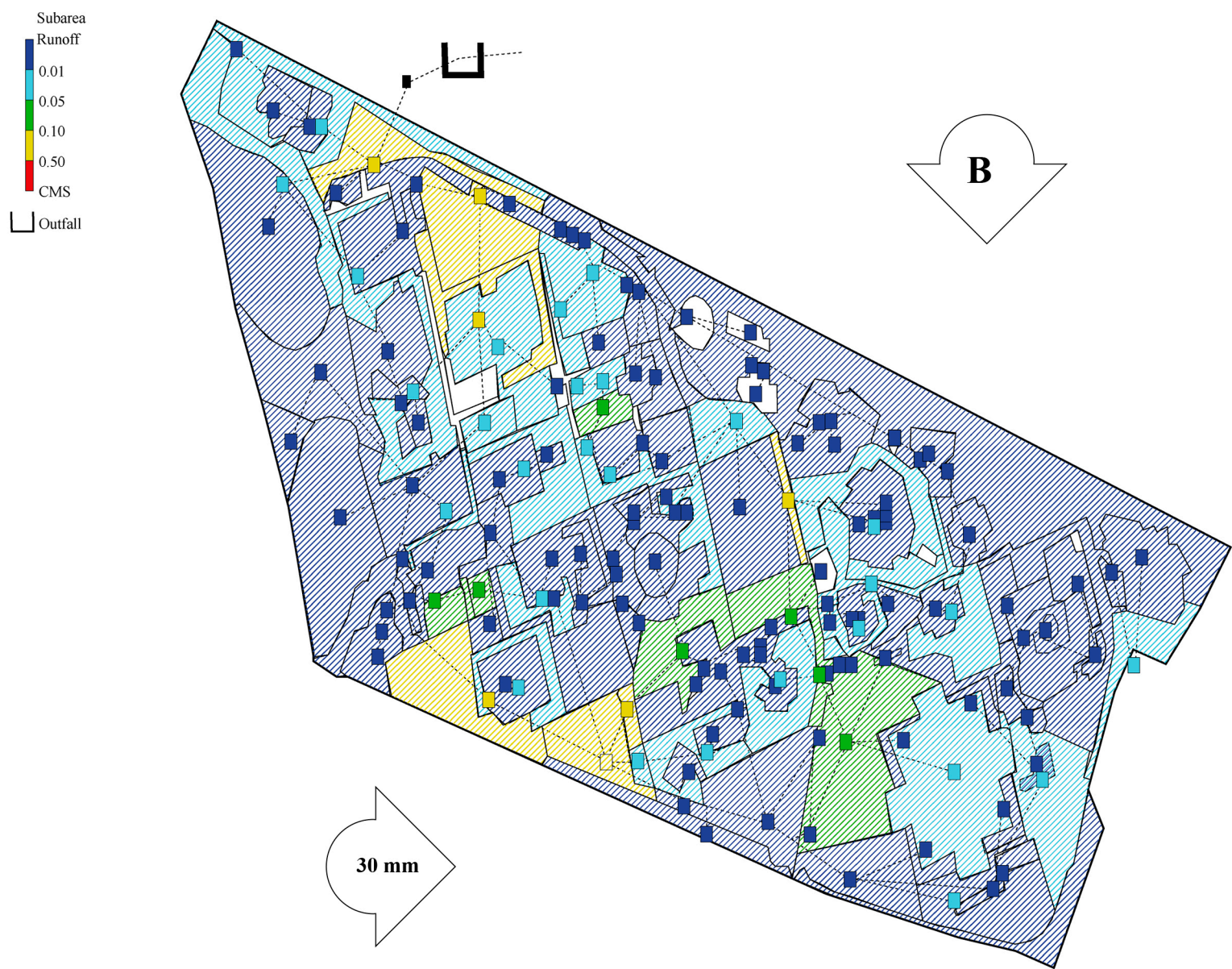


Figure S6

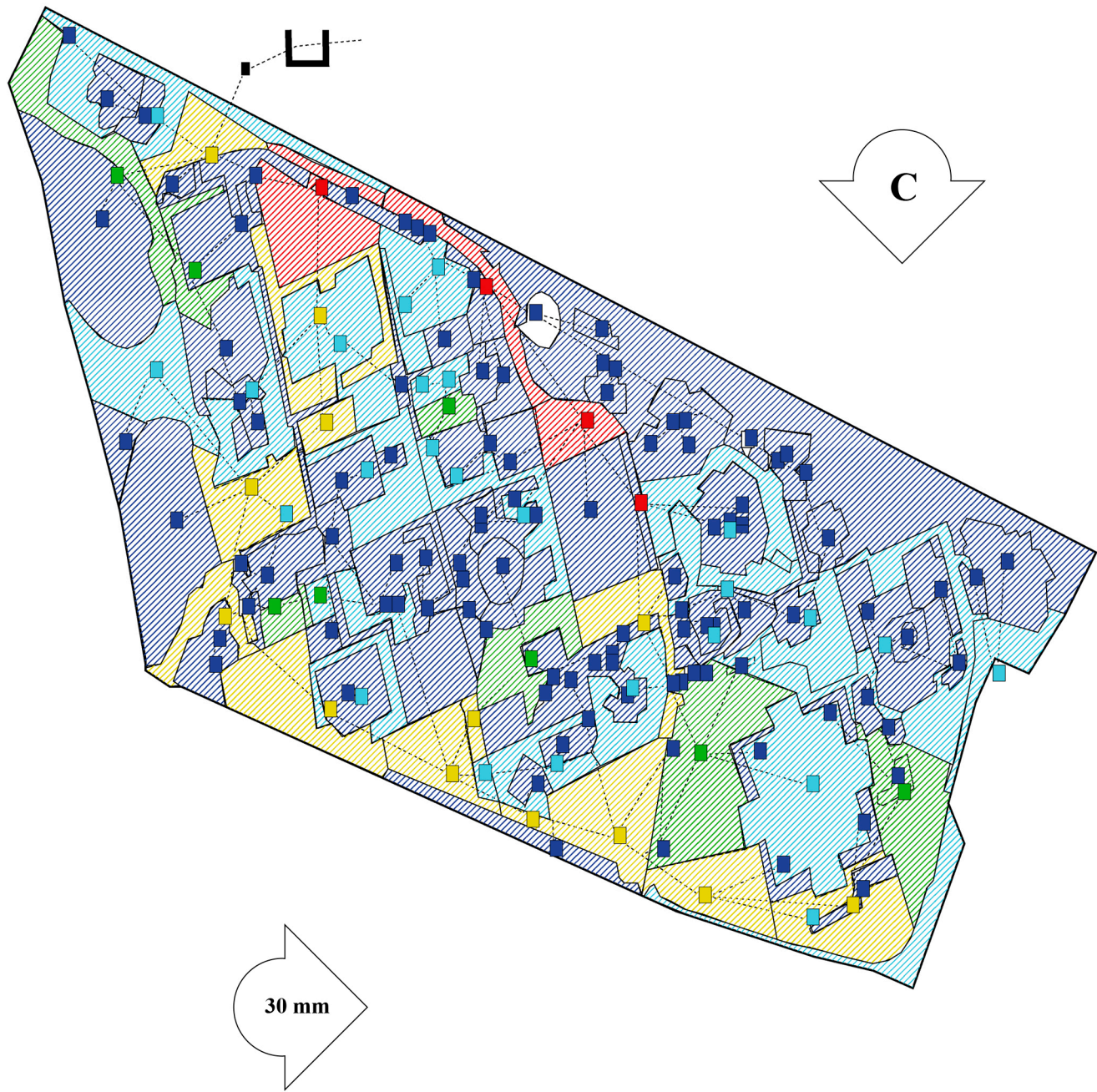
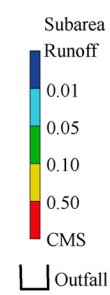
Study Area Map



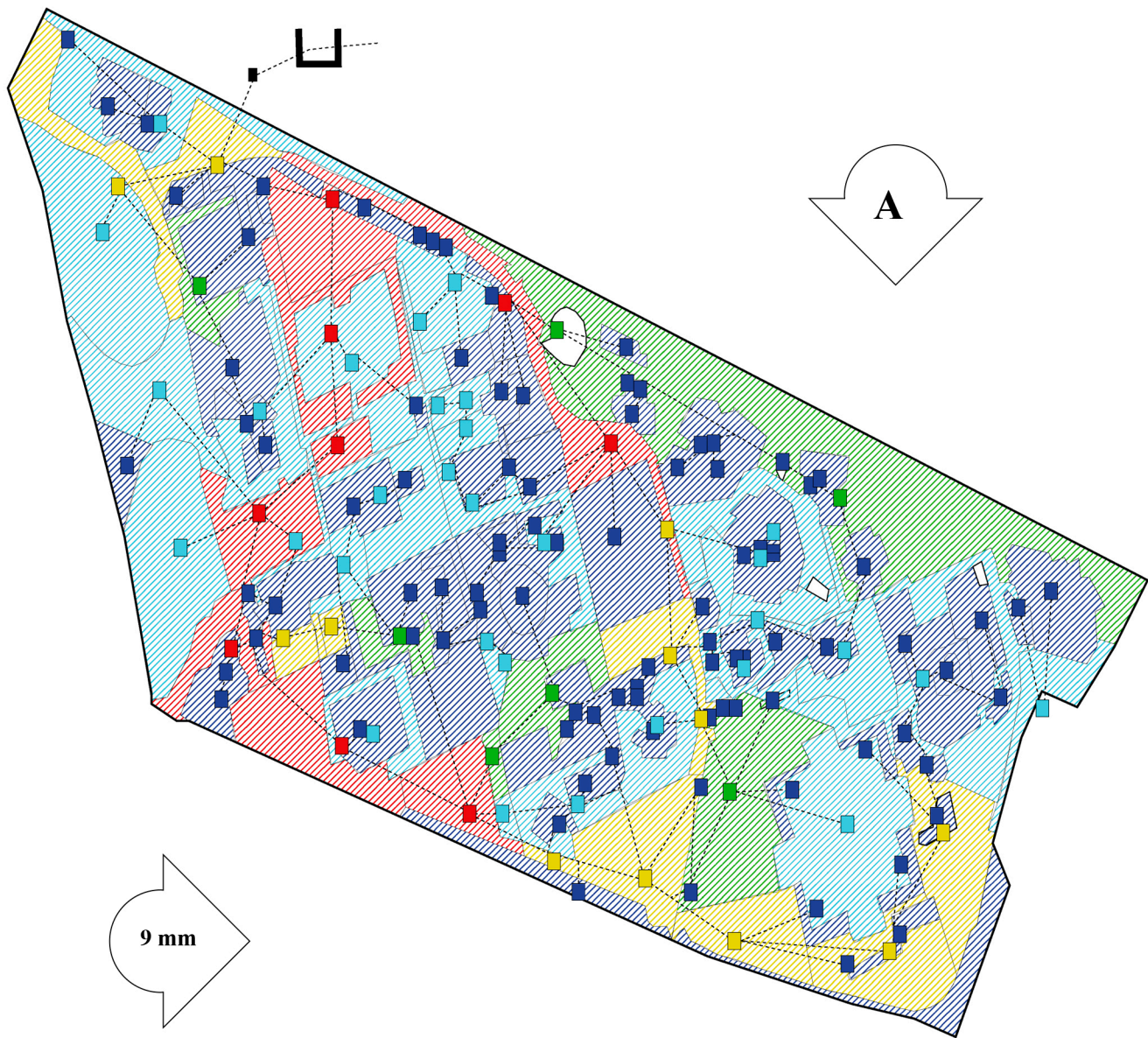
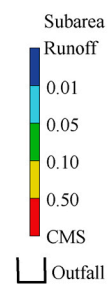
Study Area Map



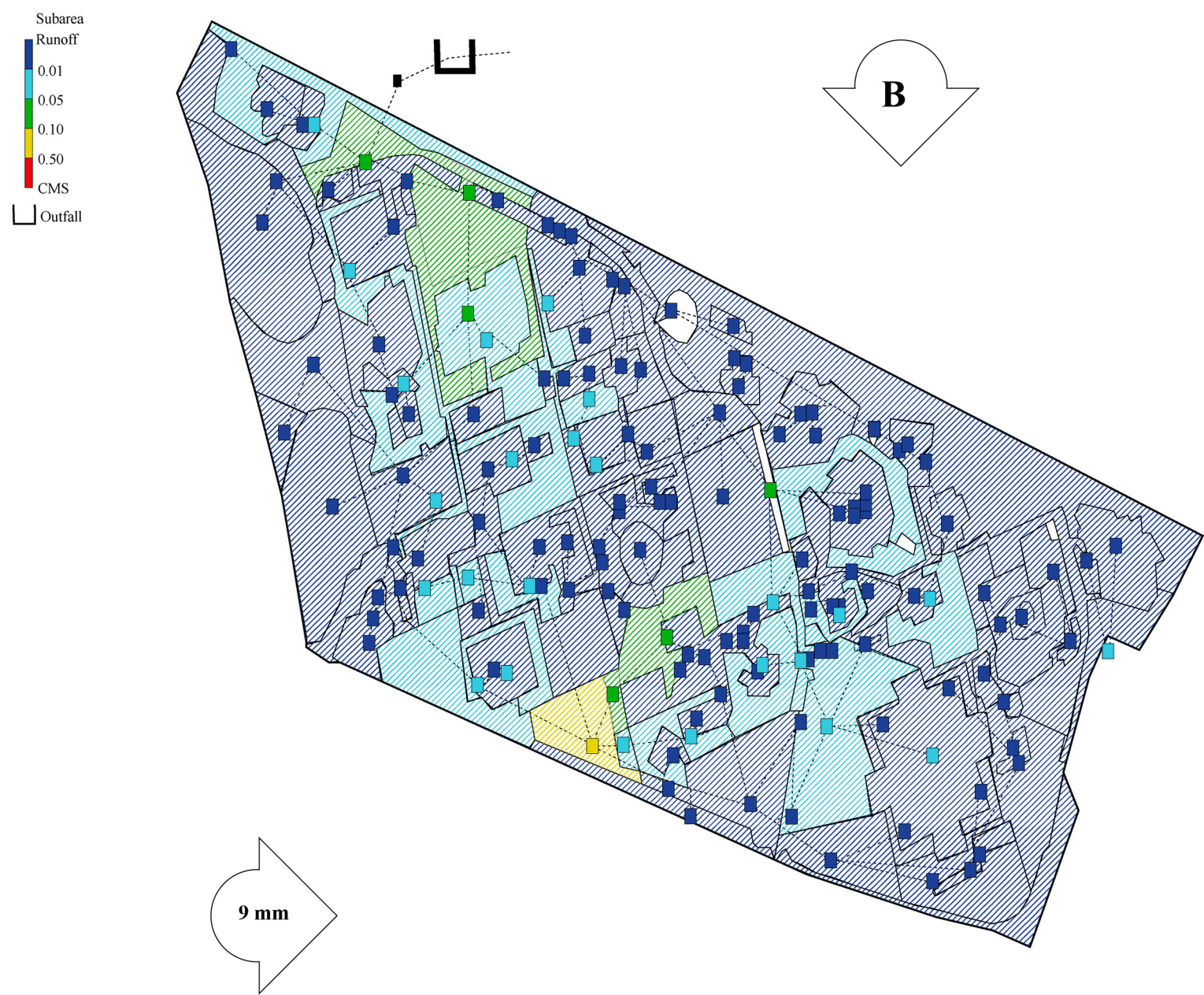
Study Area Map



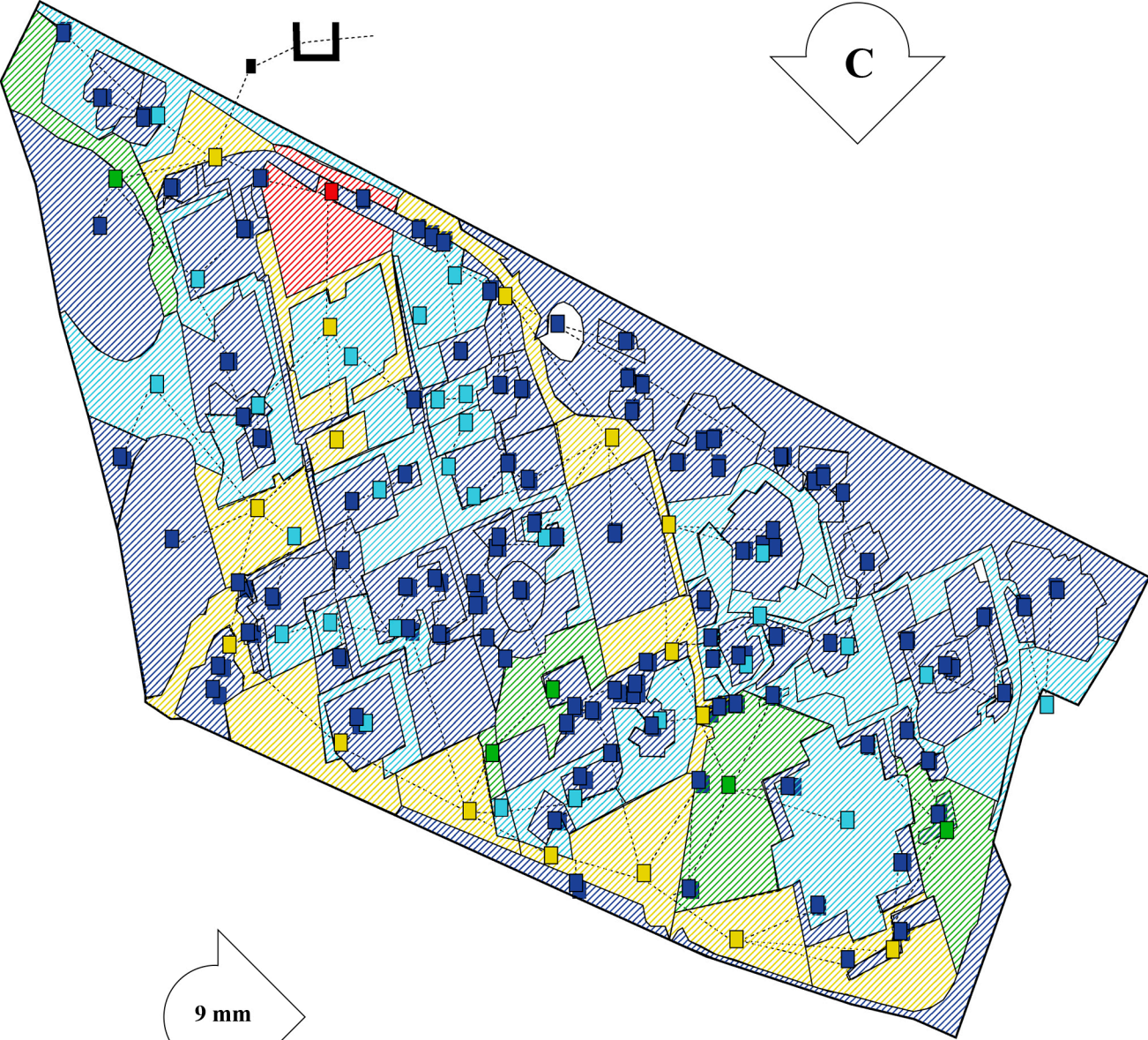
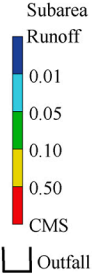
Study Area Map



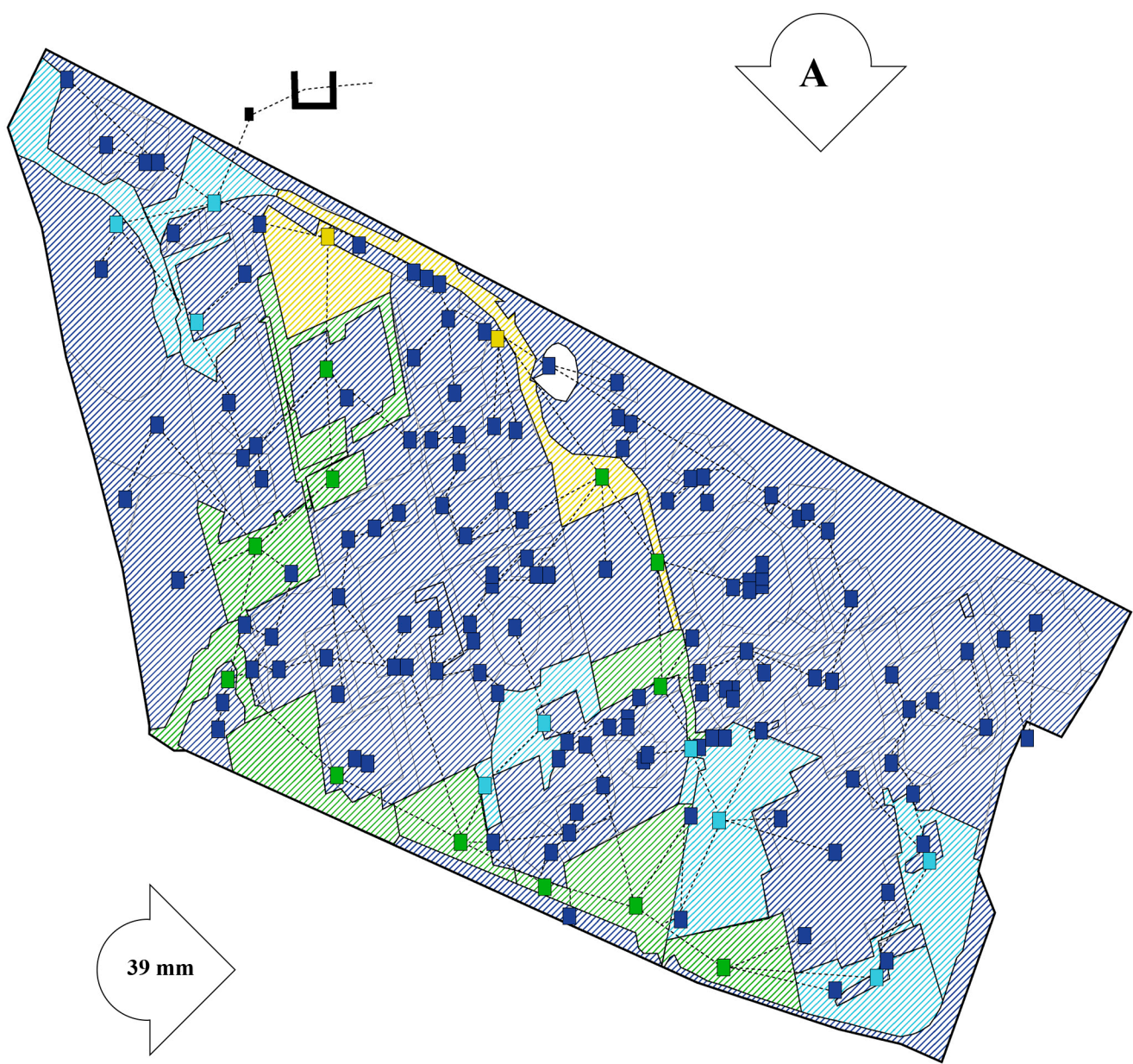
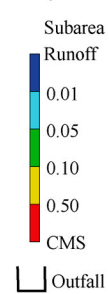
Study Area Map



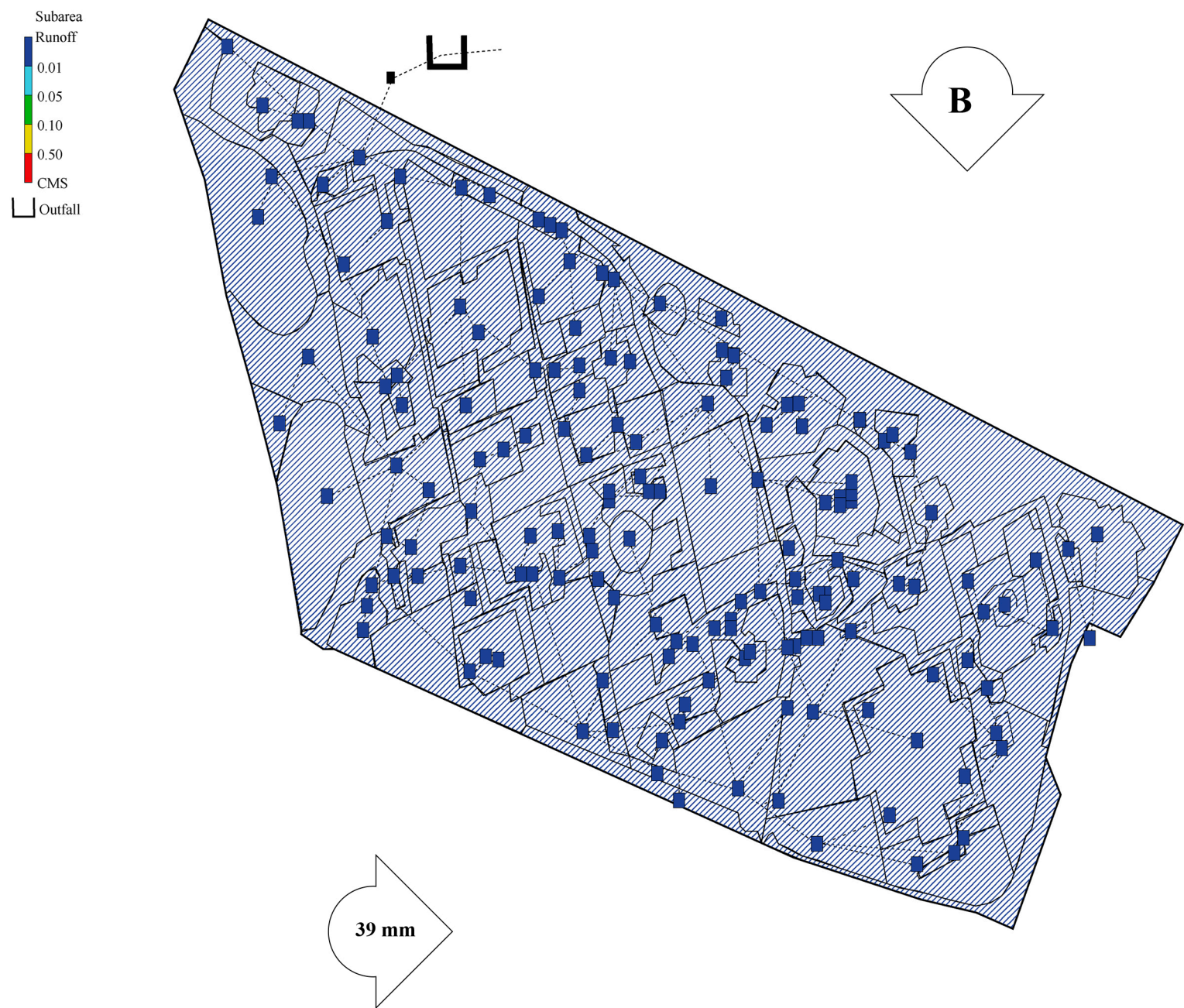
Study Area Map



Study Area Map



Study Area Map



Study Area Map

