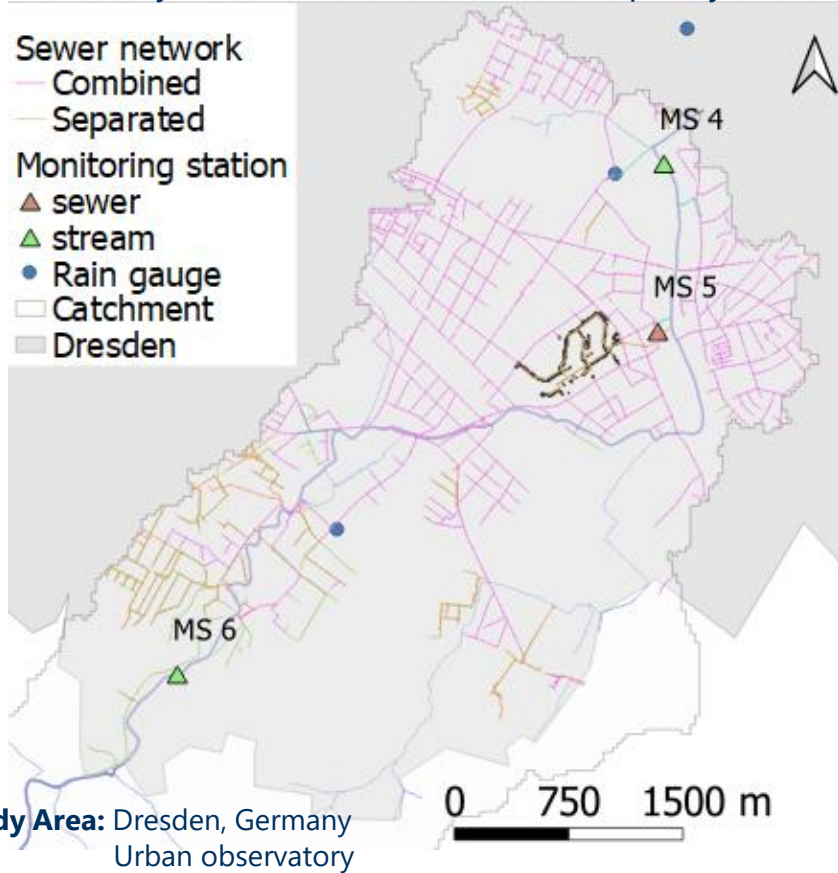


Integrated Simulation of Particle-Bound Contaminants in Urbanised Catchments Using High-Resolution Data

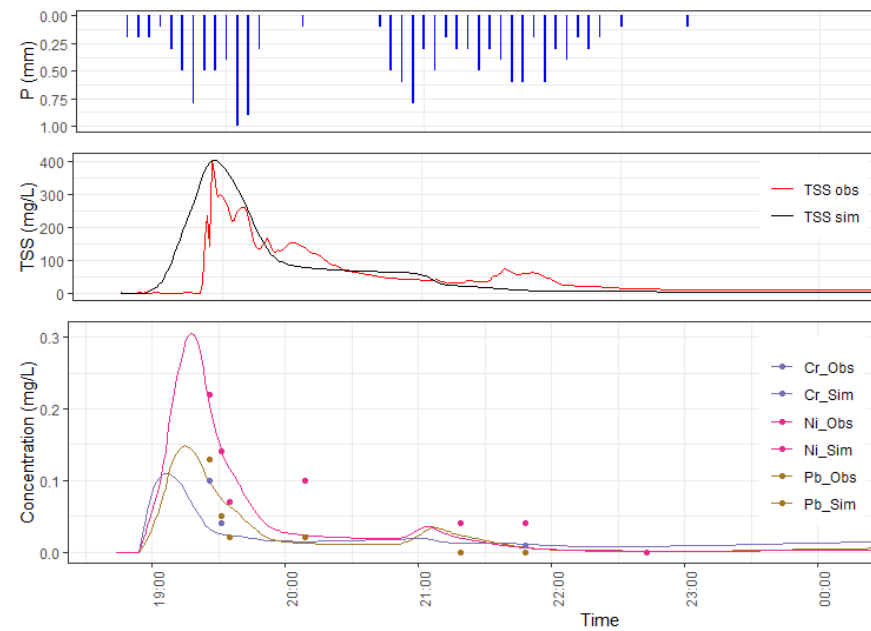
Objective: Influence of spatial and temporal variability of TSS and PBCs on water quality



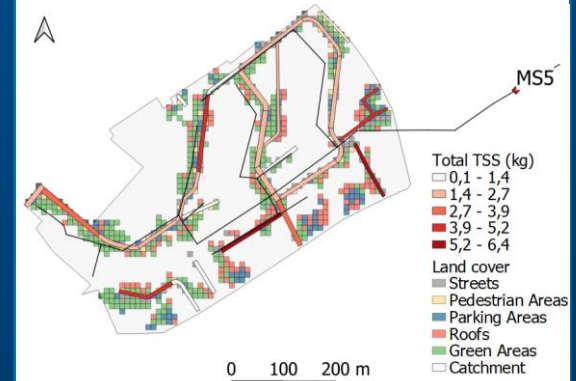
Stormwater drainage

- 36 rainfall events (2018-2020)
- EPA SWMM + Simba#

26th Apr. 2019
 NSE = 0.49 KGE = 0.64



Outcomes and challenges:



- Discretisation → where to focus to control PBC?
- Describe processes affecting mobilisation
- TSS in stormwater drainage vs natural stream → Uncertainties