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## (sub-) catchment delineation with different levels of geographical data: which effects on combined sewer overflow modelling?

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Violeta A. Montoya-Coronado, L. Soullard, R. Gaubert, Pascal Molle, Damien Tedoldi, et al.. (sub-) catchment delineation with different levels of geographical data: which effects on combined sewer overflow modelling?. 10th International Conference on Sewer Processes and Networks, Aug 2022, Gratz, Austria. hal-04377274

**HAL Id: hal-04377274**

**<https://hal.science/hal-04377274v1>**

Submitted on 7 Jan 2024

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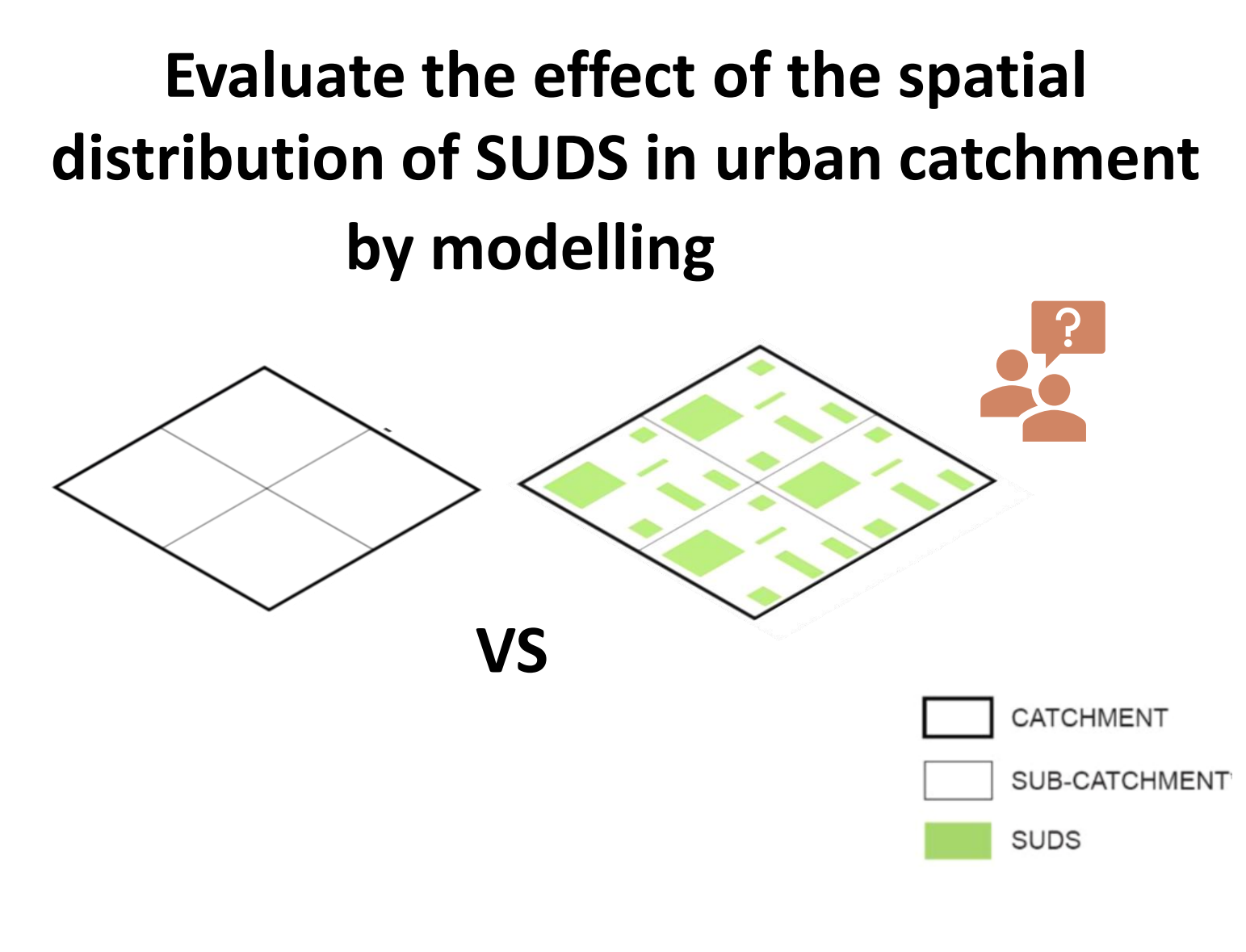
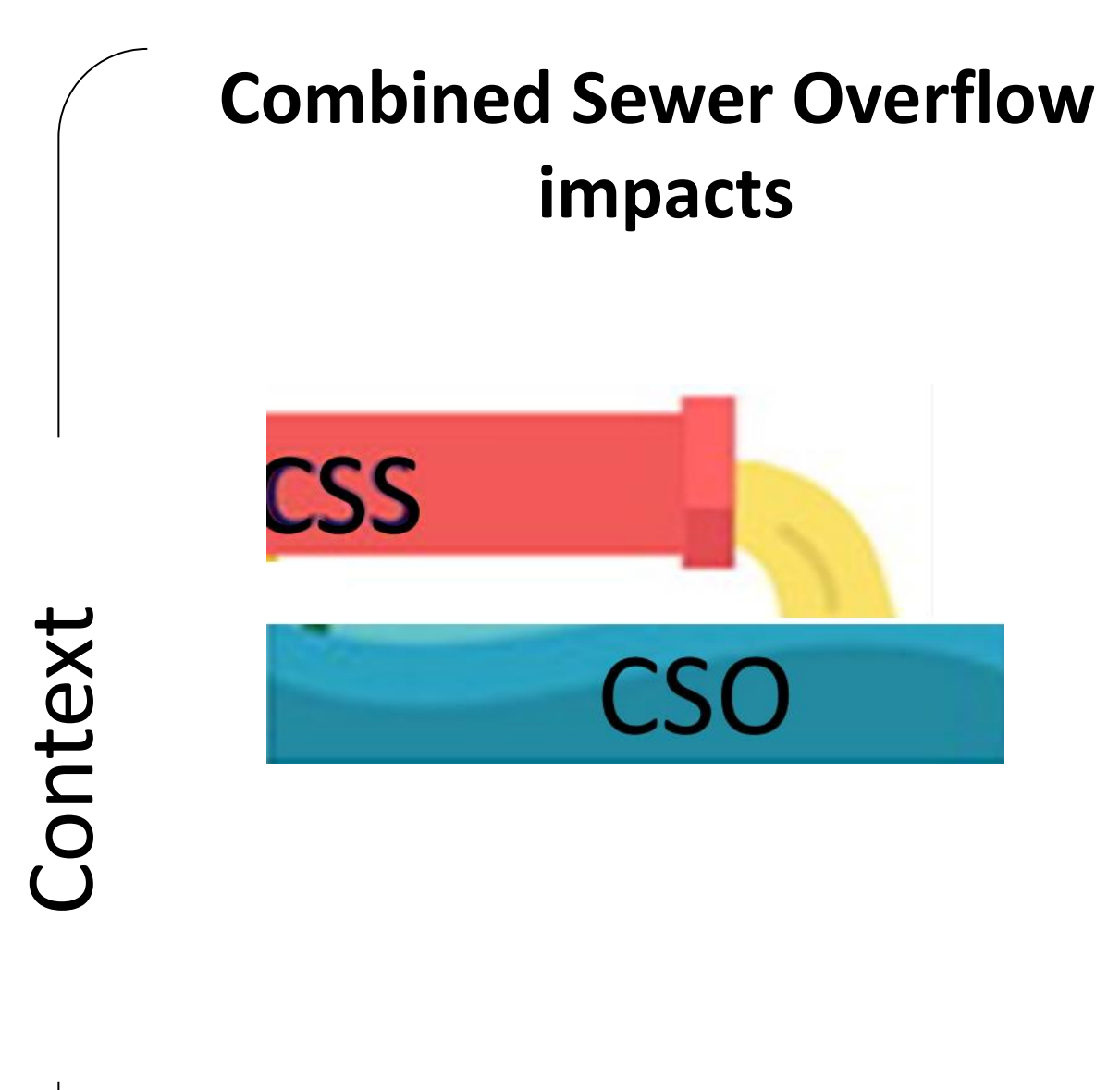
# (sub-)catchment delineation with different levels of geographical data: which effects on combined sewer overflow modelling?

# SPN10

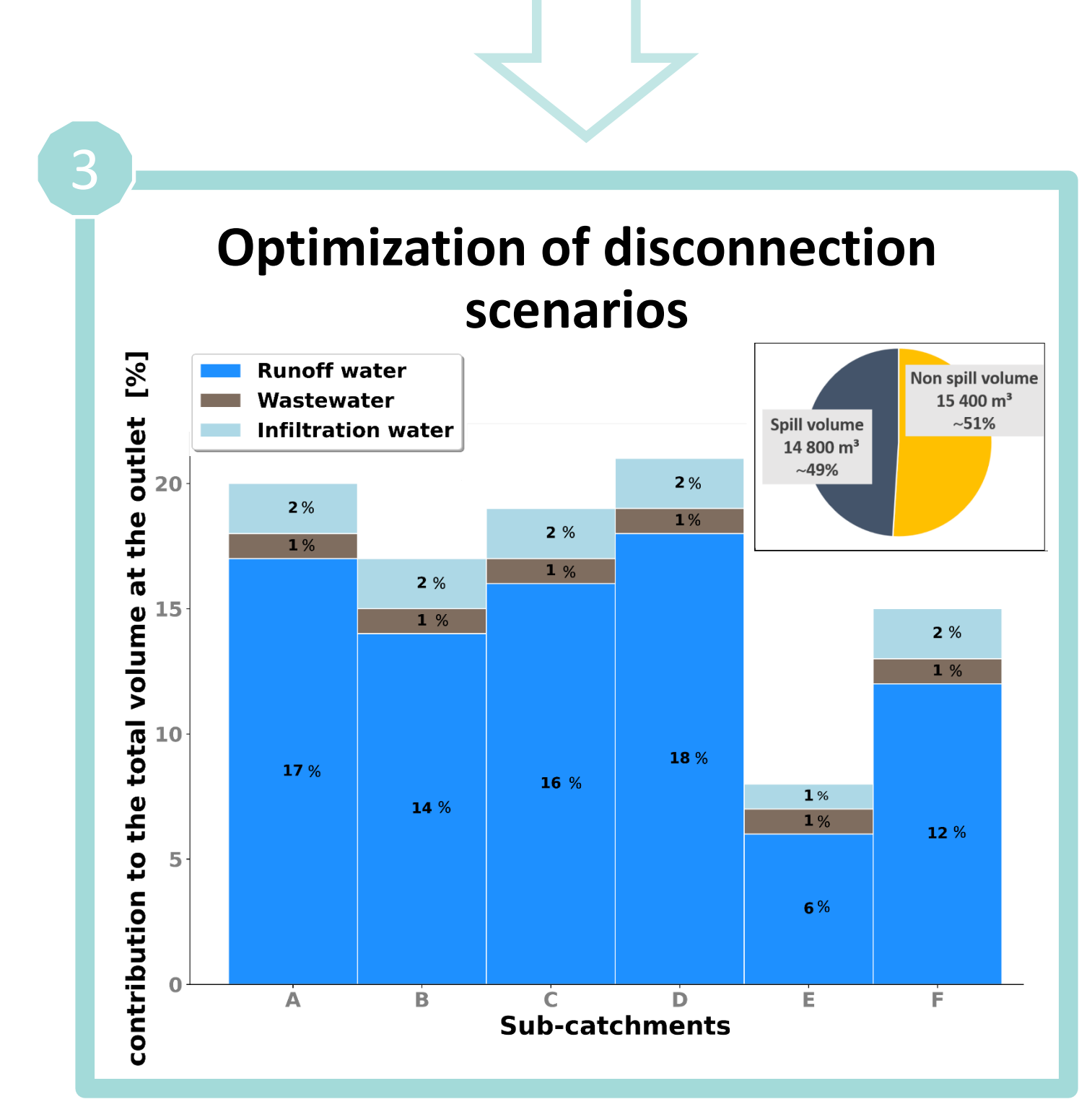
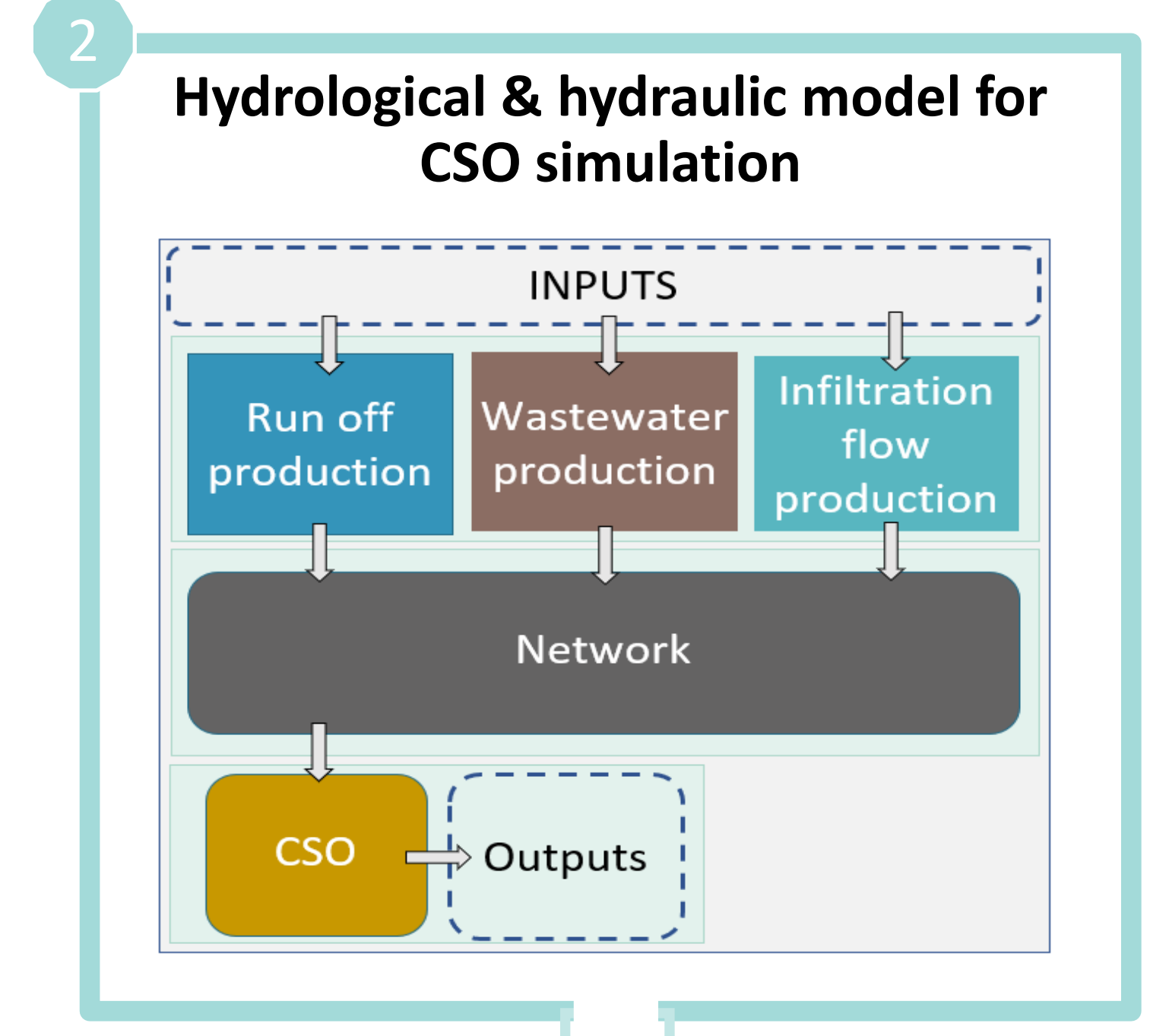
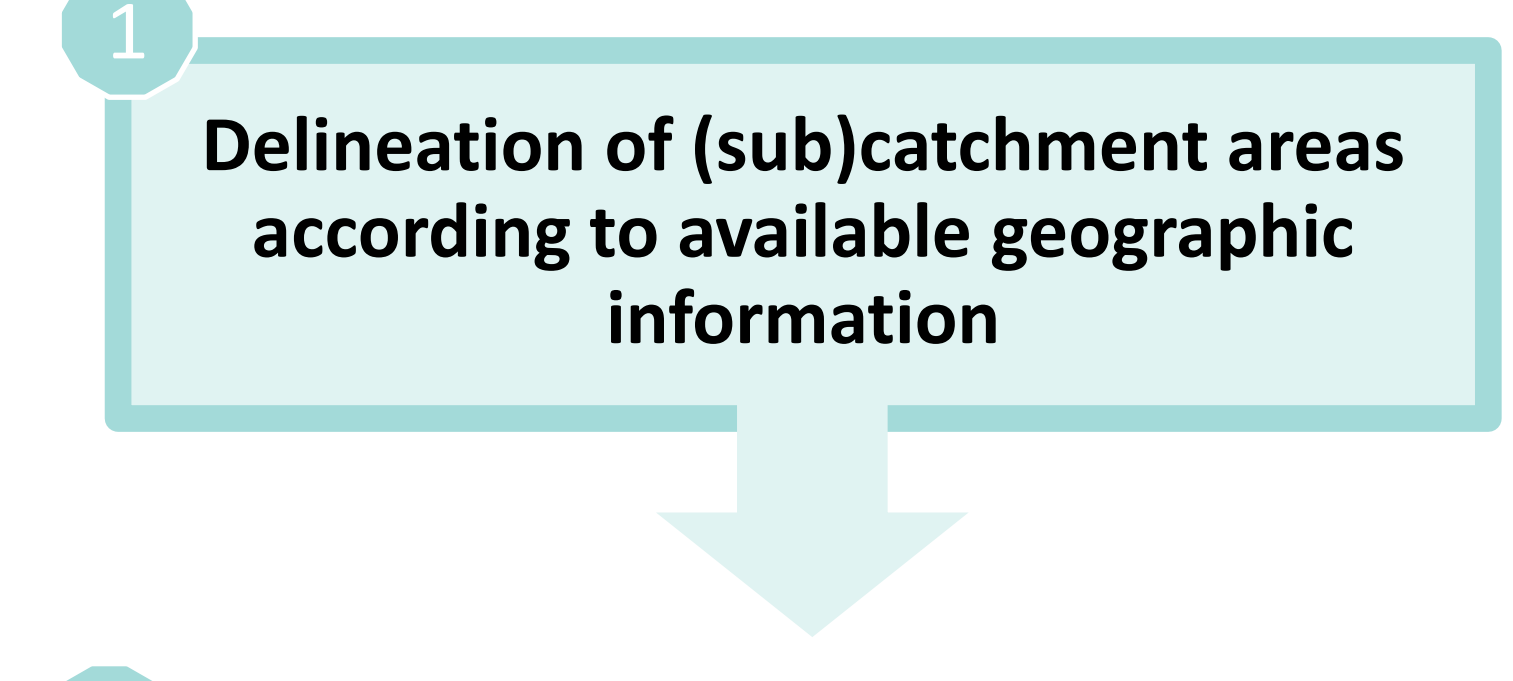
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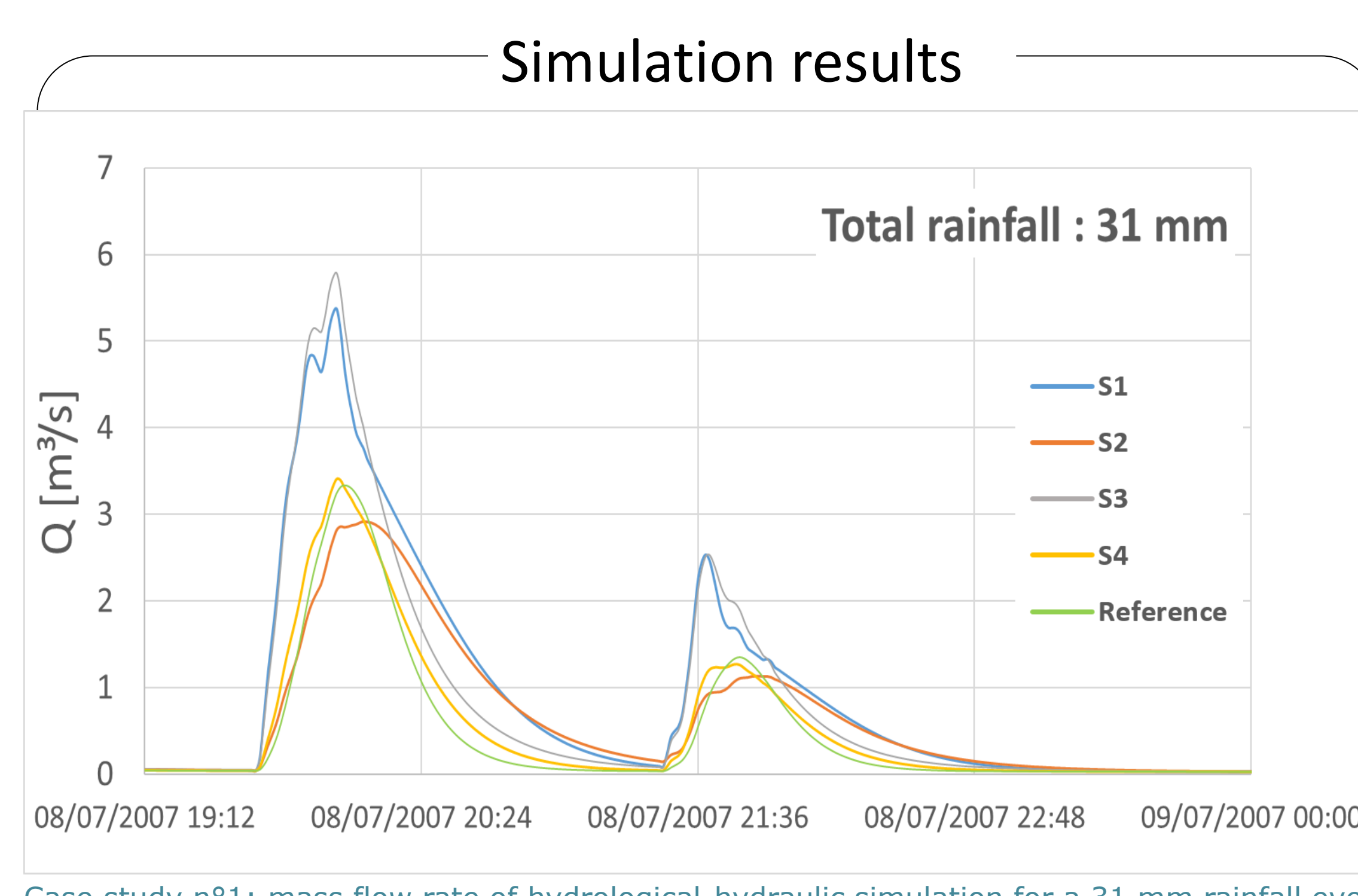
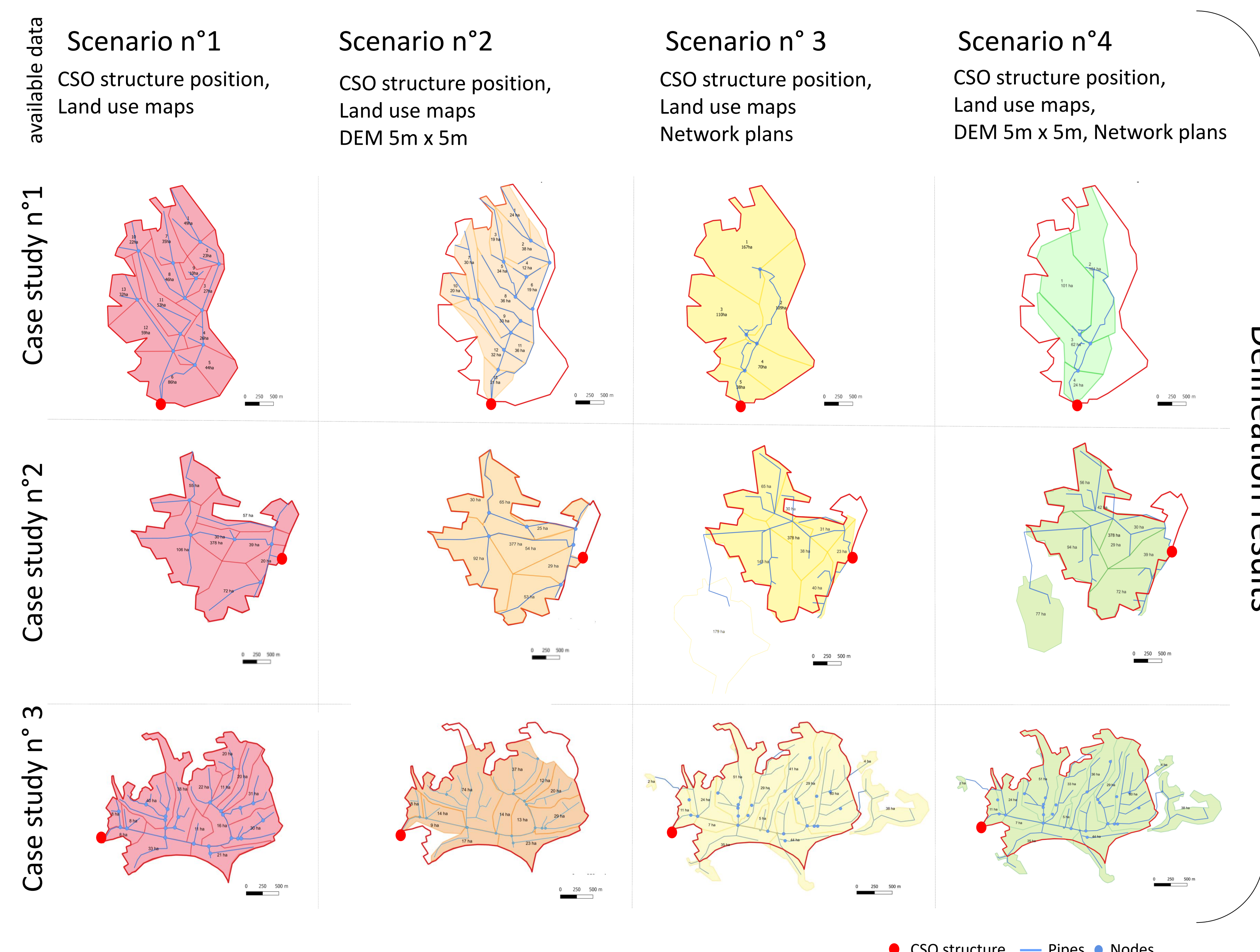
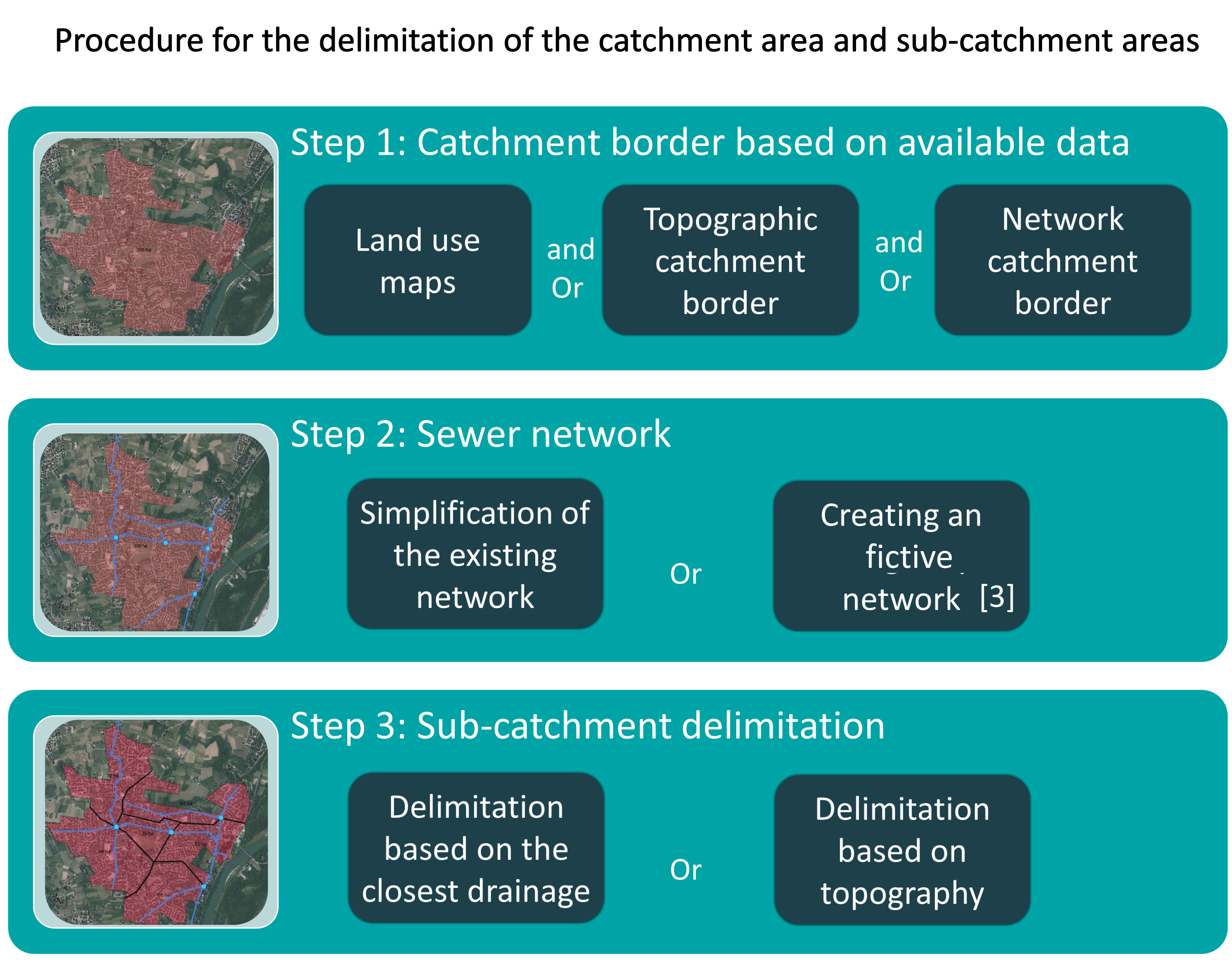
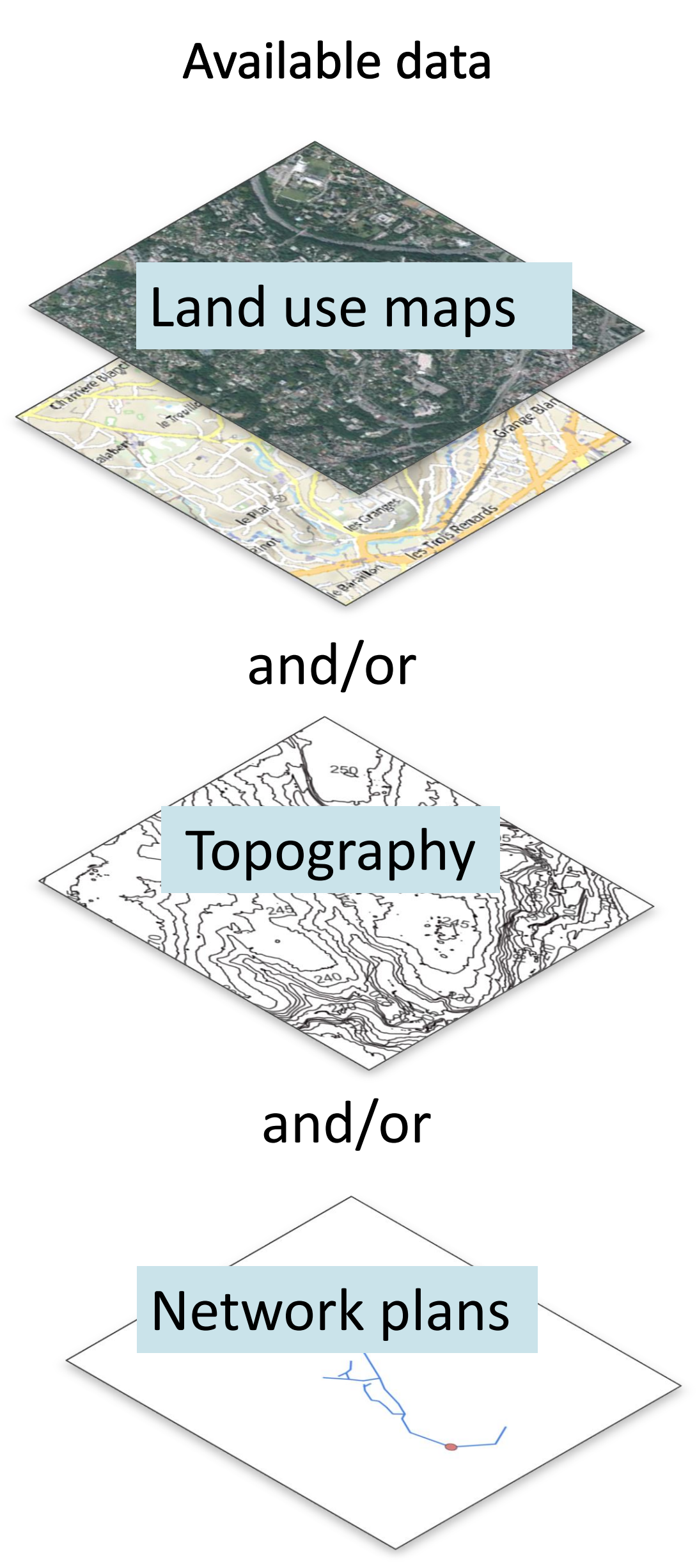


Need of a decision support tool for stormwater disconnection at urban catchment scale



Case study n°1: Water balance during a 50 mm rainfall event

## Methodology



## Conclusions

- Mimicking the network following the main roads provides a good approximation of the main branches of the network
- Current results show a better estimation of total runoff volume when topography is available.

## References

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 [3] Blumensaat, F., Wolfram, M., Krebs, P., 2012. Sewer model development under minimum data requirements. Environ Earth Sci 65, 1427–1437.