

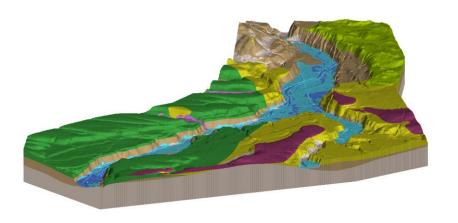




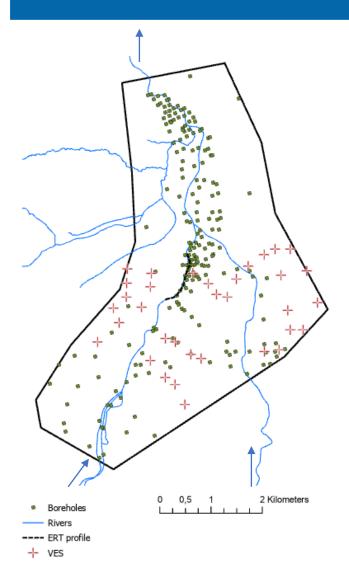
3D geological modelling of fluvio-glacial aquifers to improve water work operations

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1. Motivation – Why bother?

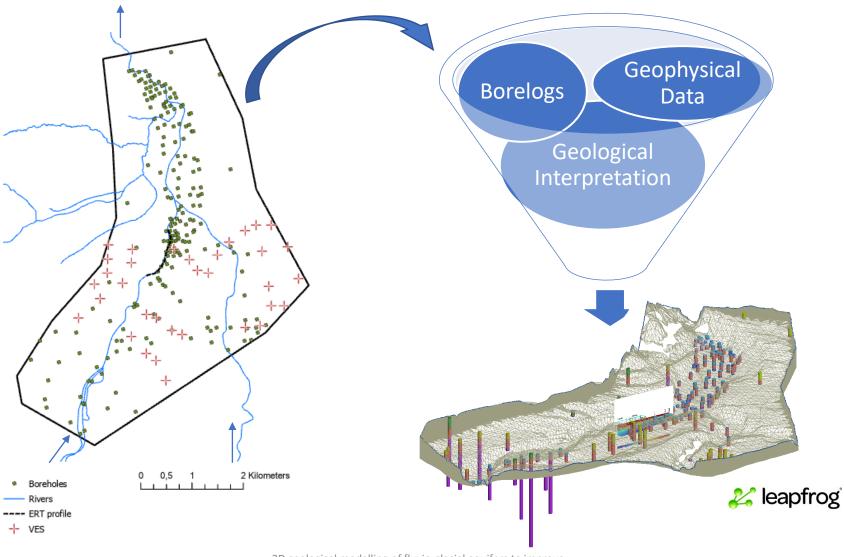


- Aquifer provides drinking water to major city
- Water quality and quantity needs to be preserved for future generations
- Visualization & Plausibility
- Constraint for numerical groundwater model

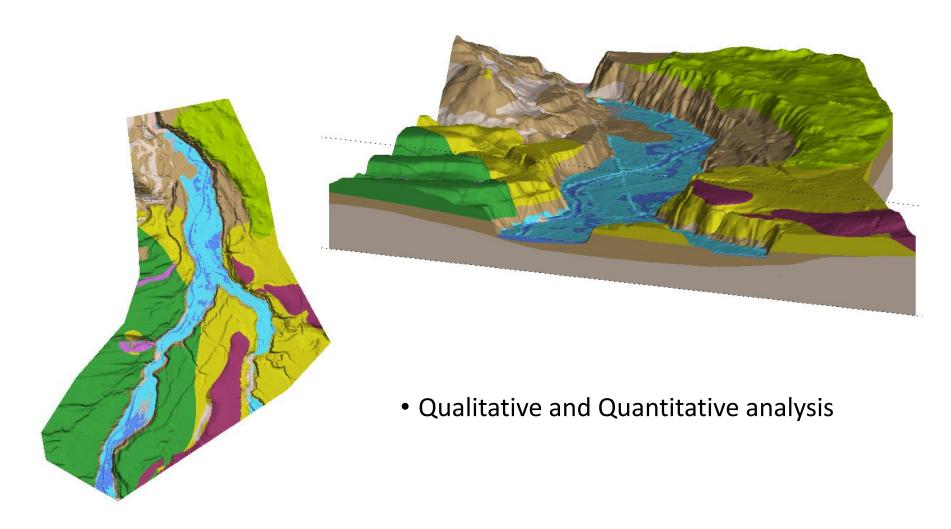




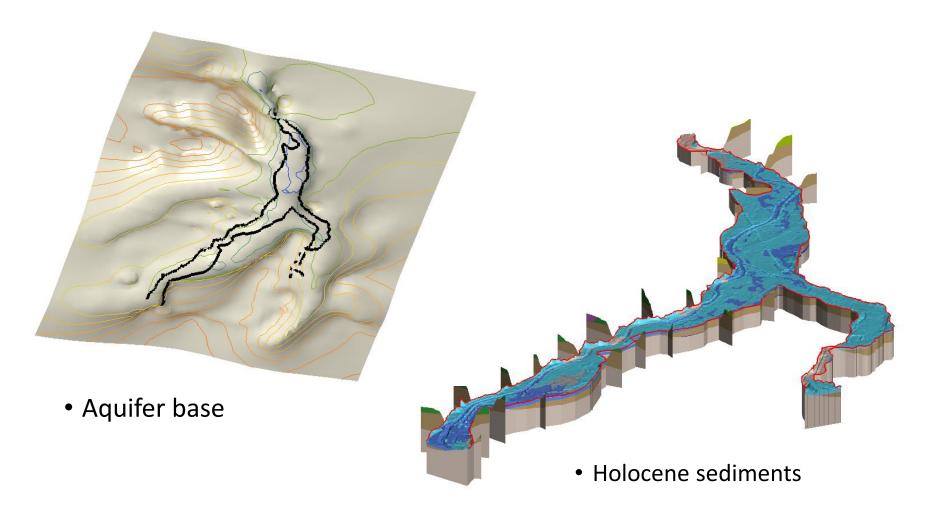
2. Materials and Methods



3. Results

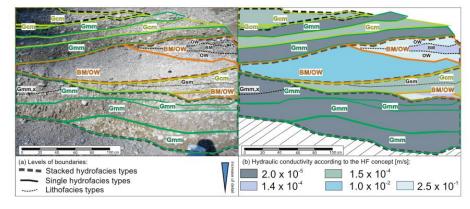


3. Results



4. Next Steps - Outlook

- Field survey
- Mapping lithofacies and hydrofacies
- Transition-probability approach (T-PROGS)



Theel et al. (2020)

