

XXVII FIG CONGRESS 11–15 SEPTEMBER 2022 Warsaw, Poland

Volunteering for the future – Geospatial excellence for a better living

LADM in the Classroom - Demonstration

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Distribution

Local files (.gpkg) + QGIS RDBMS (PostgreSWL) + QGIS



OpenLayers

Webmap application





Try it yourself



Or

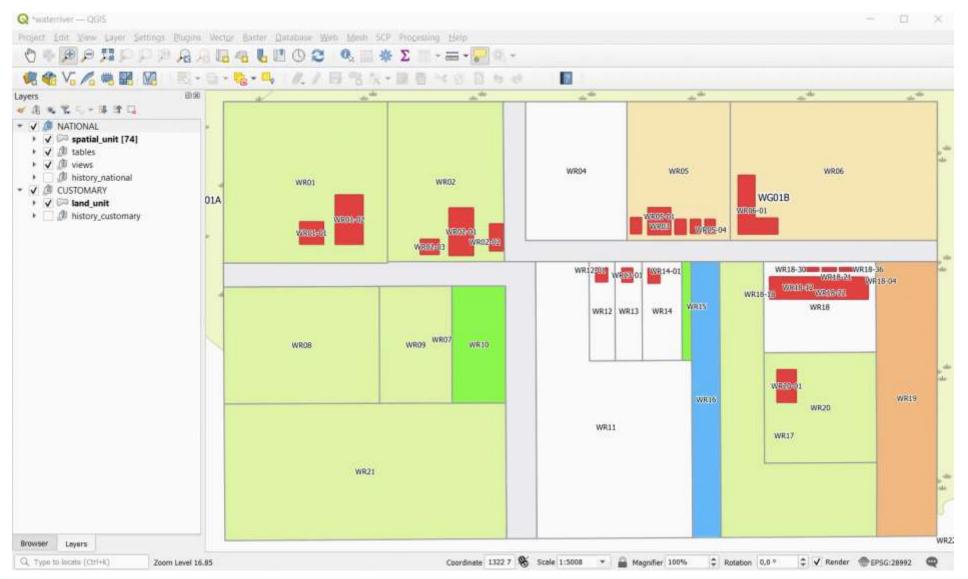
https://github.com/andremano/ladm_classroom (the datasets)

https://tinyurl.com/y7dzh8cu_(the web map)





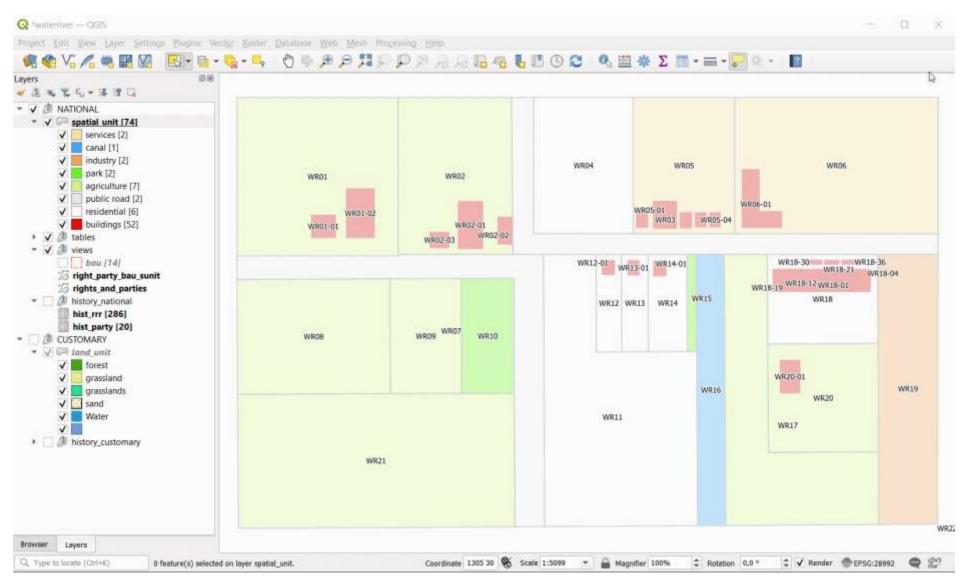
Overview







A simple relationship

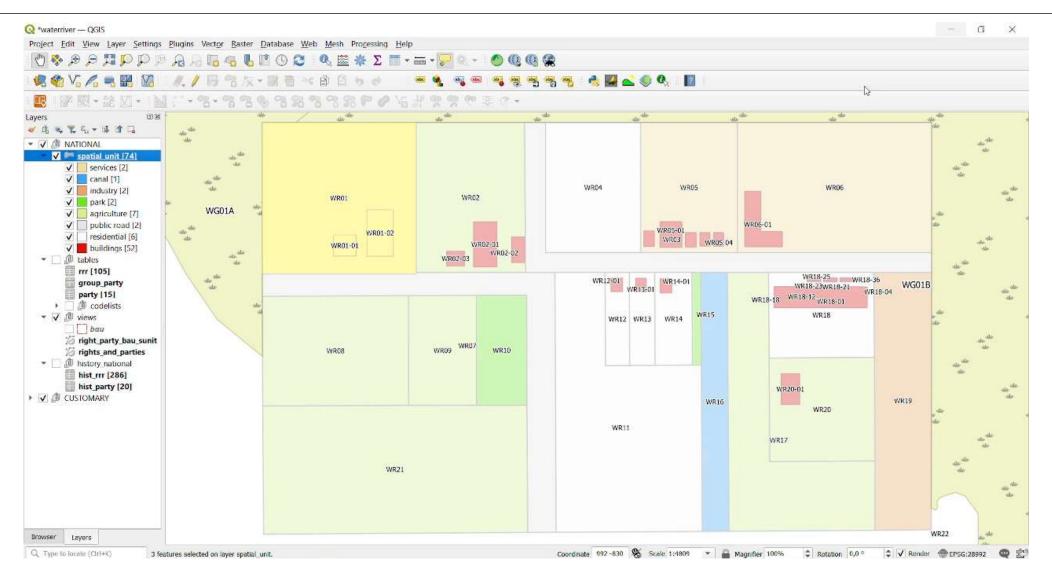








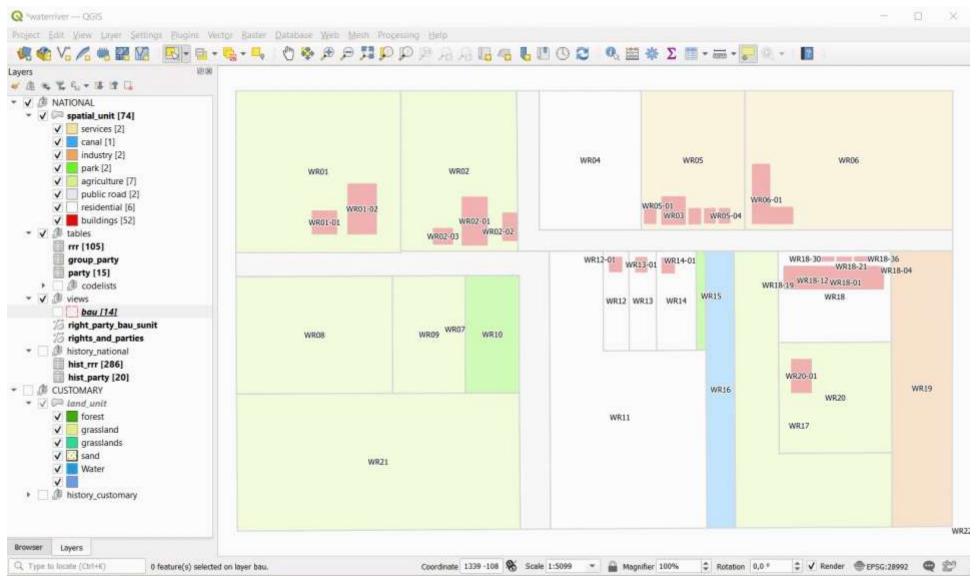
Deconstructing a simple relationship







Zooming in...

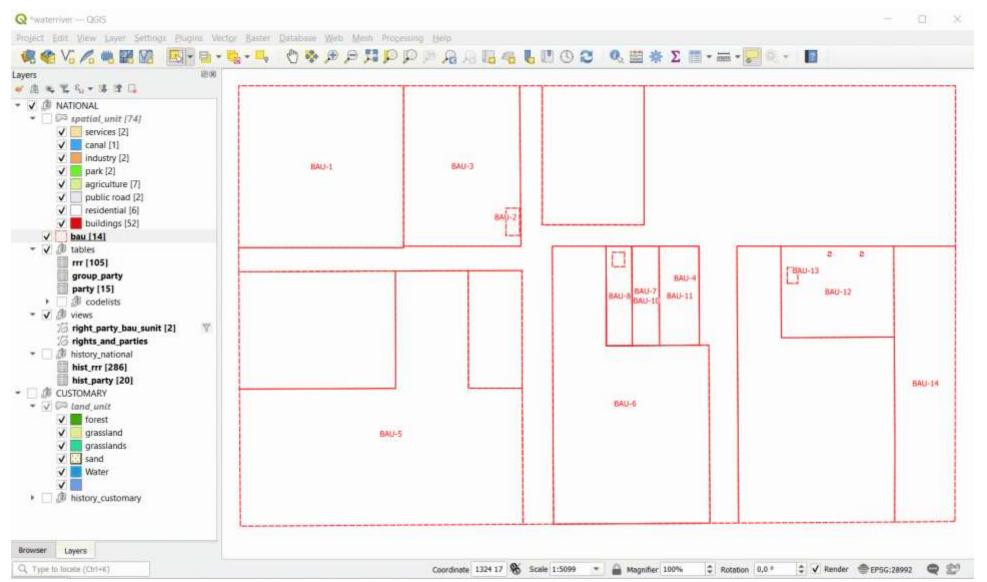








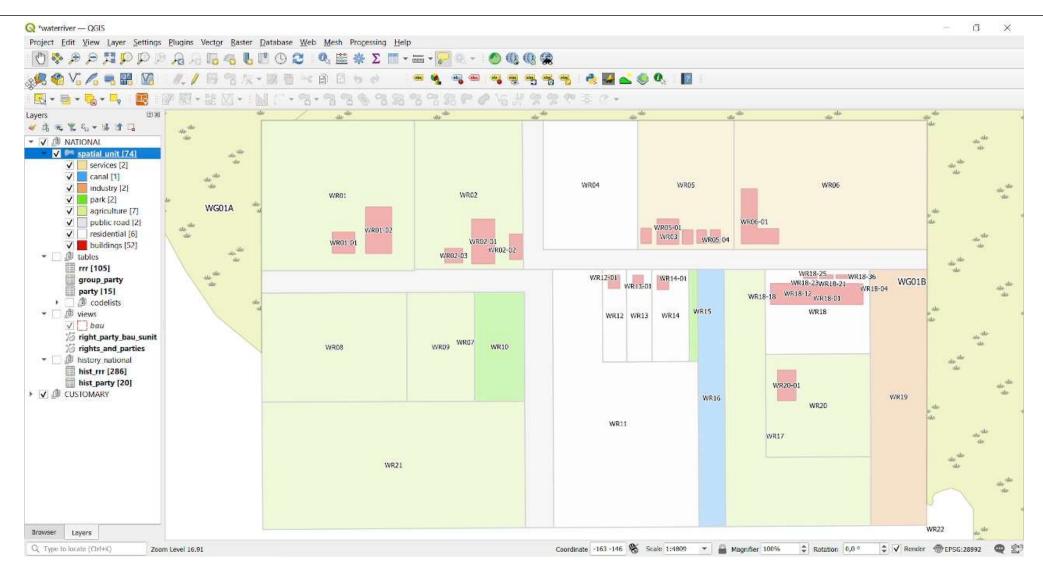
Shared rights







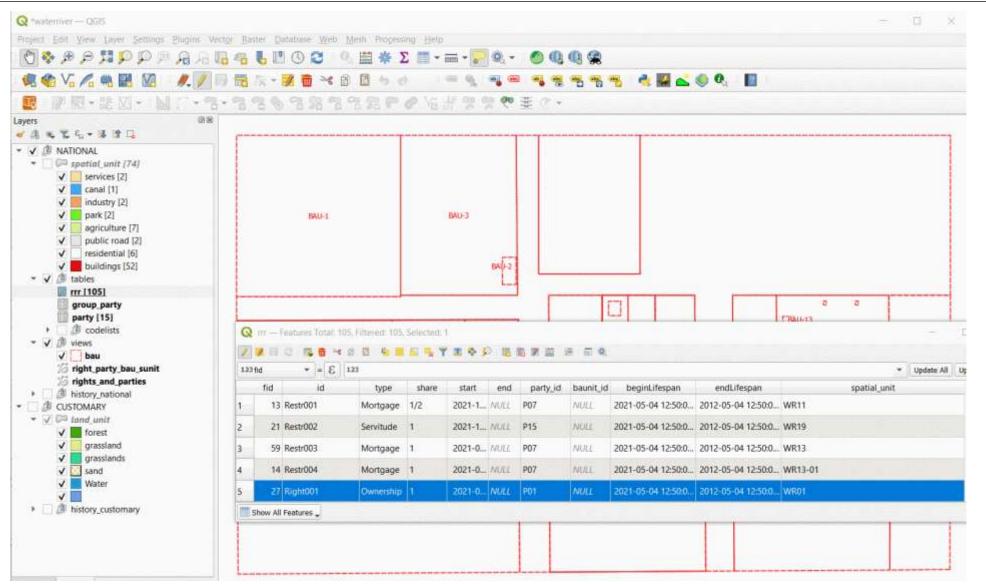
3D visualizations







Transactions

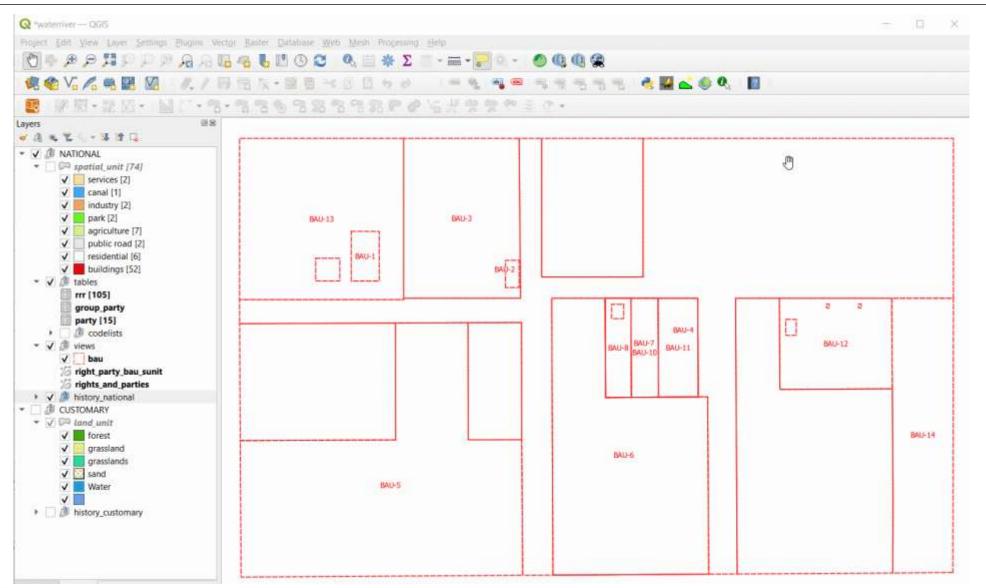








Database history

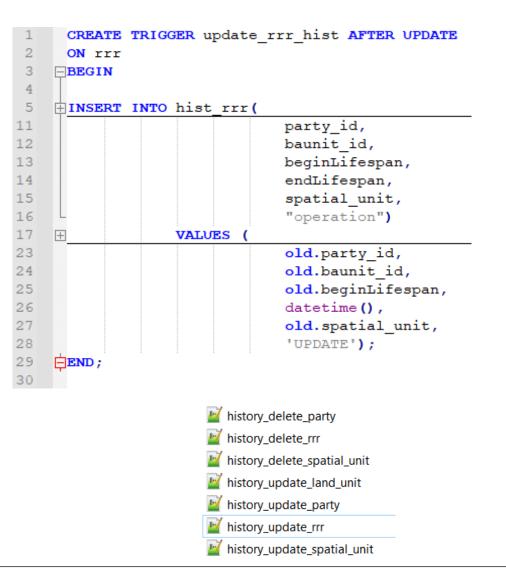








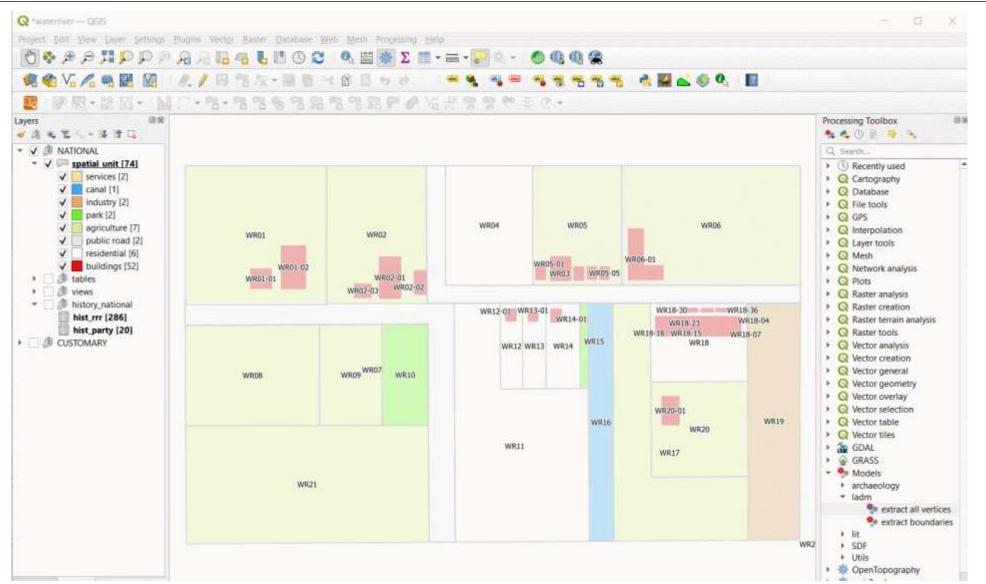
Database history – zooming in







Geometry extractors - vertices

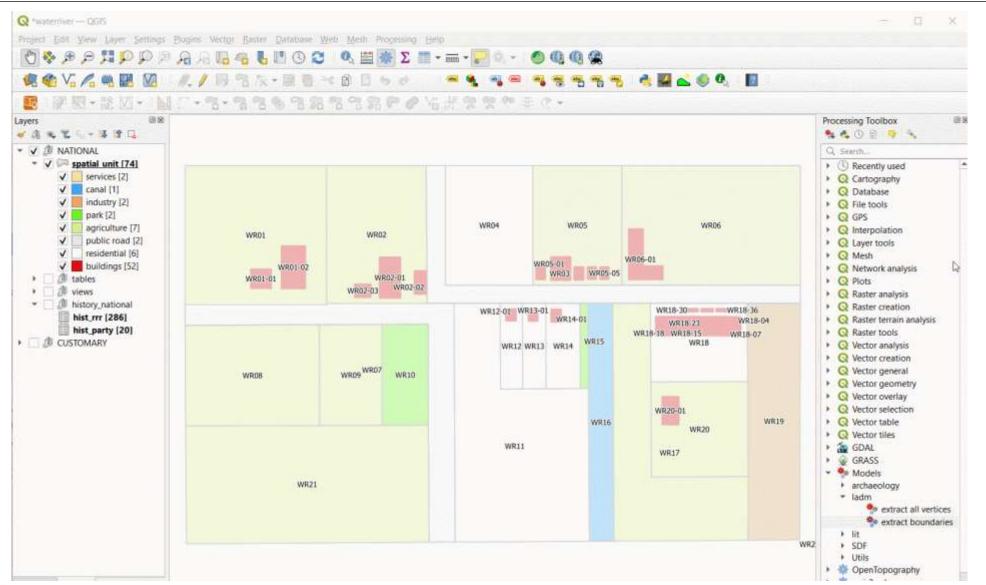








Geometry extractors - boundaries

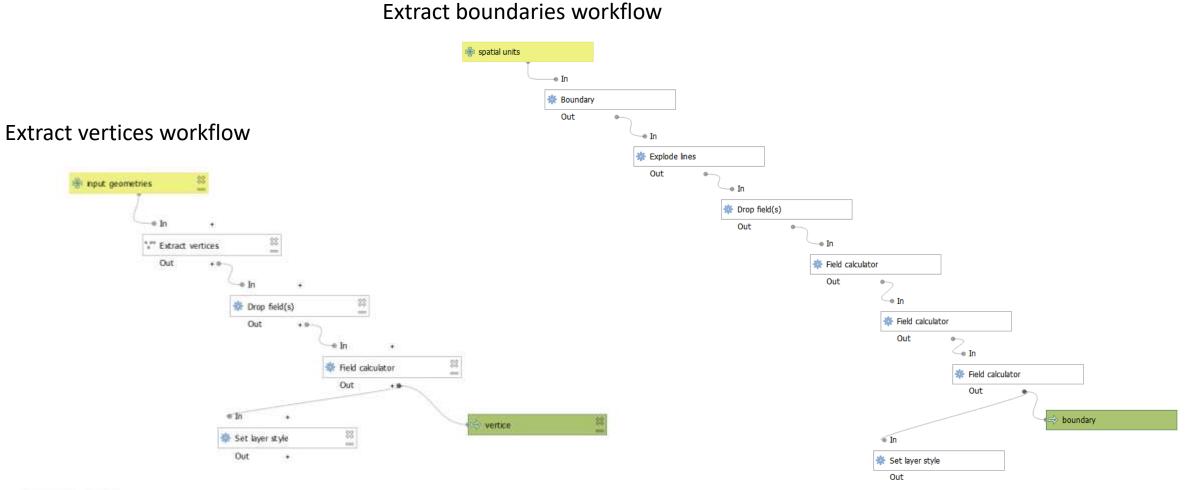








Geometry extractors – Zooming in

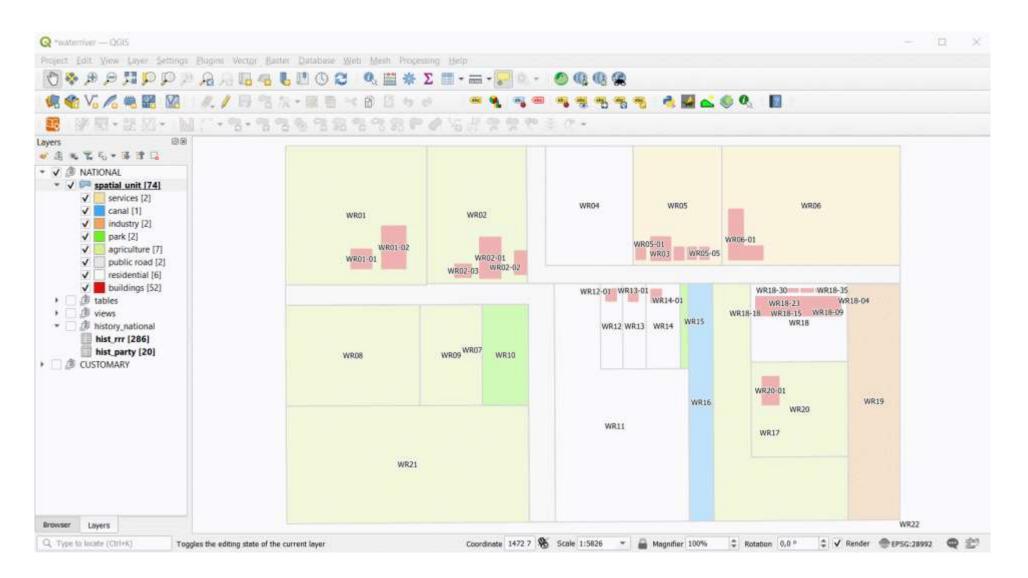




THE SCHWEE OF WHEN



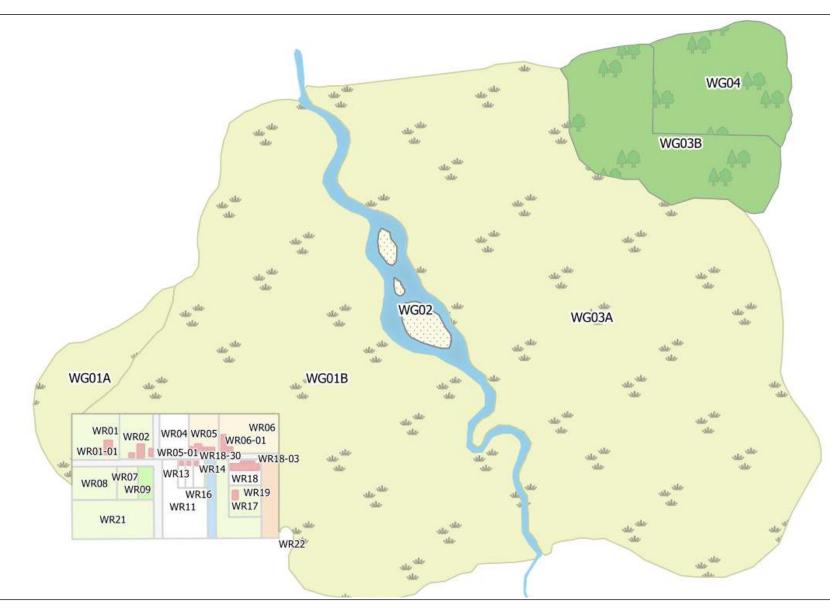
Different purposes







Customary database







Moving Forward

- Develop the customary database including relations with the national database
- Distribute the datasets in the form of PostgreSQL relational database
- Accompanying lectures and exercises
- Test!







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