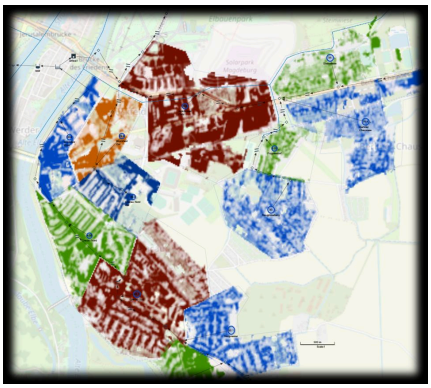
SIMBA#

SIMBA# 7.5

RIVER BASIN AUTHORITIES AND CONSULTING ENGINEERS

Agglomerations and catchments

Sewers, WWTP and river as one system – for drainage concepts, investment planning and assessing impacts on receiving waters according to DWA-A 100 and EU Directive 2024/3019.



What SIMBA# does for you

- Integrated sewer – WWTP – river models
- Impact of overflows on river quality and ecology (DWA-A 100, A 102)
- Long-term simulations of pollutant loads
- River hydraulics and water quality
- Catchment runoff and impervious areas, even from Copernicus satellite data
- Drainage concepts for agglomerations and integrated plans under EU Directive 2024/3019

New in SIMBA# 7.5

- Automatic simplification of hydrodynamic sewer models into hydrological models
- Automated generation of real-time control (RTC) algorithms for sewer networks
- Wizard for analysing WWTP simulations, calibration and optimisation
- SCADA library for live plant integration, Sankey diagrams, .NET 10 platform

Why SIMBA#

- DWA guidelines built into the software
- One model from balance to digital twin
- Developed by ifak e.V. Magdeburg, local support

Get started

- Free trial licence – no time limit
- Training: 2-day courses by field
- Turnkey simulation studies – SEWACO services

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