



FramWat Electronic Newsletter 1

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FroGIS

A publicly available web application to analyse the needs and possibilities of water retention

The FroGIS program aiming to assess of needs of N(S)WRM in the river basin and to prioritize the areas with different needs for water retention. (Example for valorisation map: Figure 1.) GIS based tool named FroGIS (Framework for Retention Optimization) was developed for valorization purposes, i.e. to identify in particular catchment the most relevant areas for N(S)WRMs.

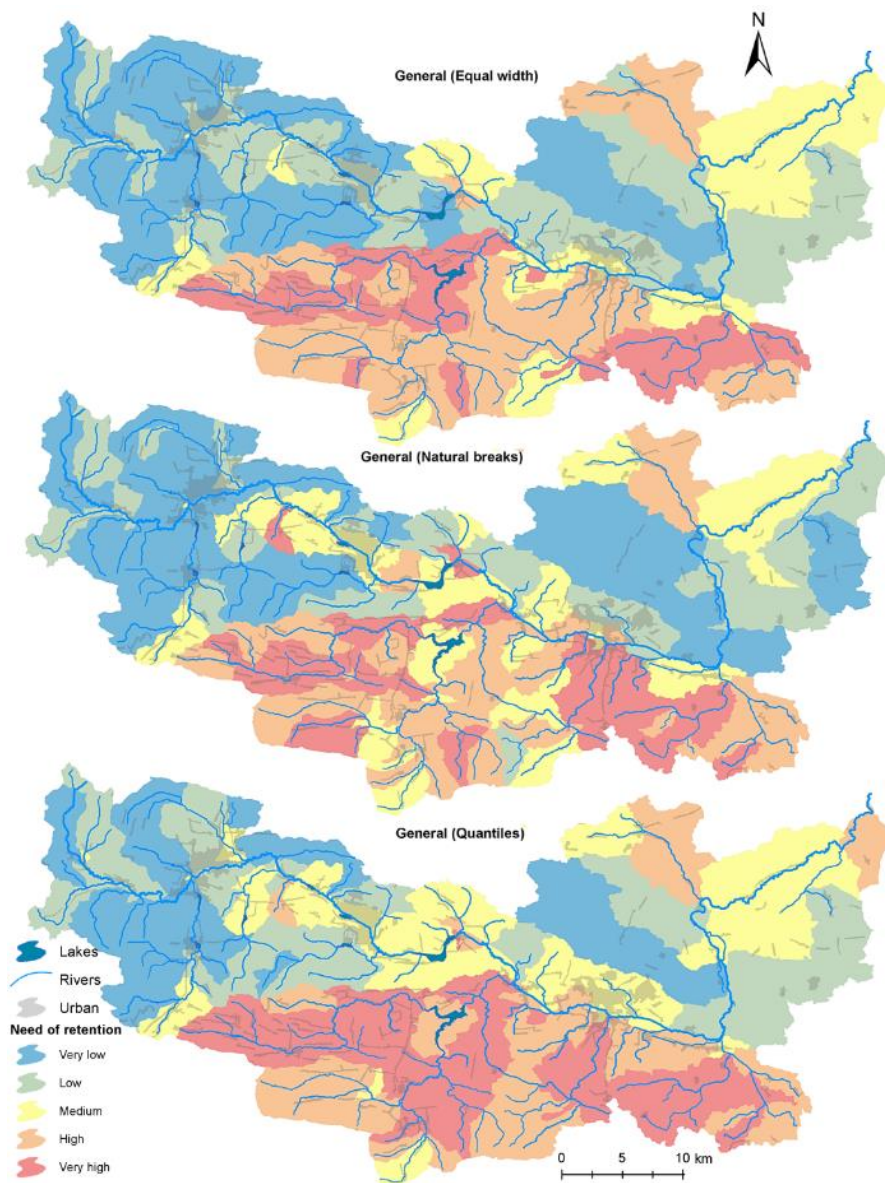


Figure 1. Final valorisation map for general goal for Kamienna River Basin, Poland





Users are able to fill the online tool with their catchment data and obtain catchment maps and statistics as results showing areas with highest need for implementation of the small water retention measures. (FroGIS tool: Figure 2)

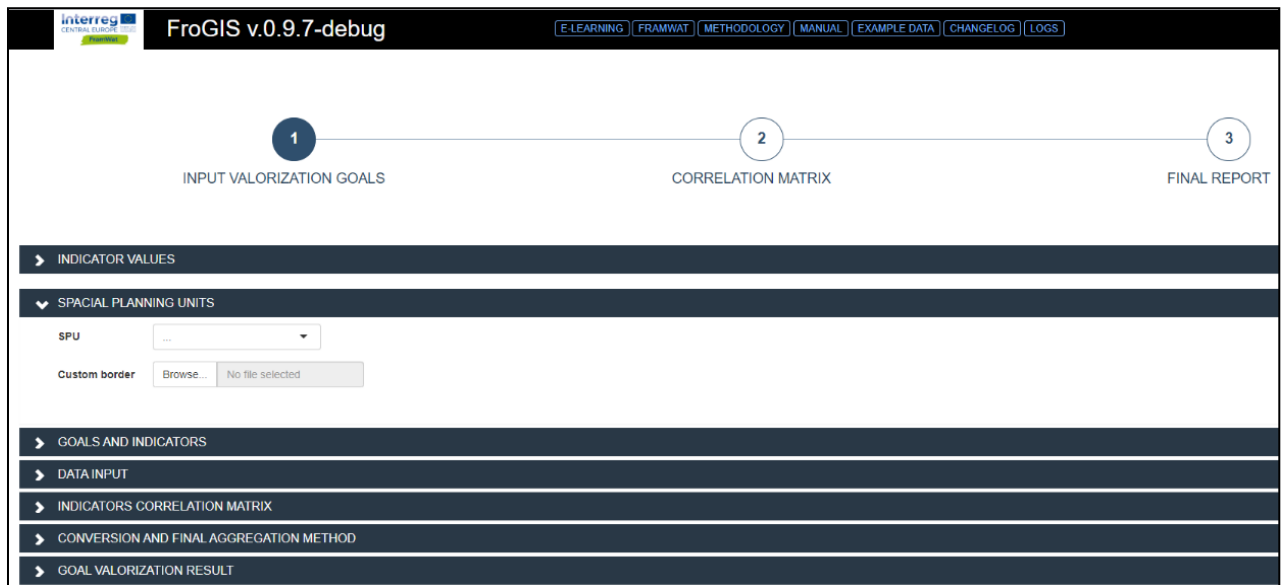


Figure 2: FroGIS user interface (<http://WaterRetention.sggw.pl>)

More detailed information about the [FroGIS tool](#) can be found here:

<https://www.interreg-central.eu/Content.Node/FroGIS.html>

