

Erweiterung eines QGIS Plugins für Gewässernetzanalysen



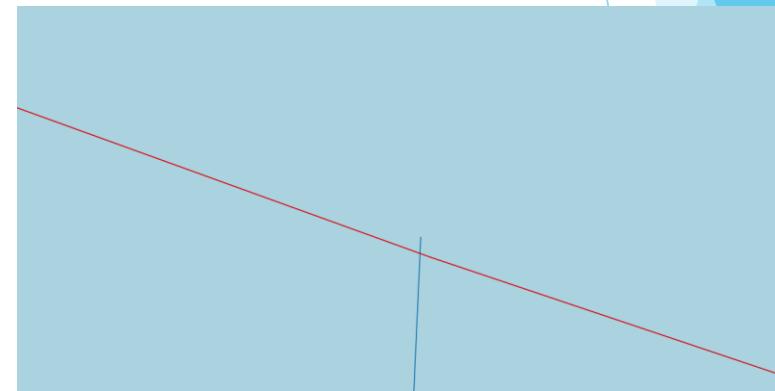
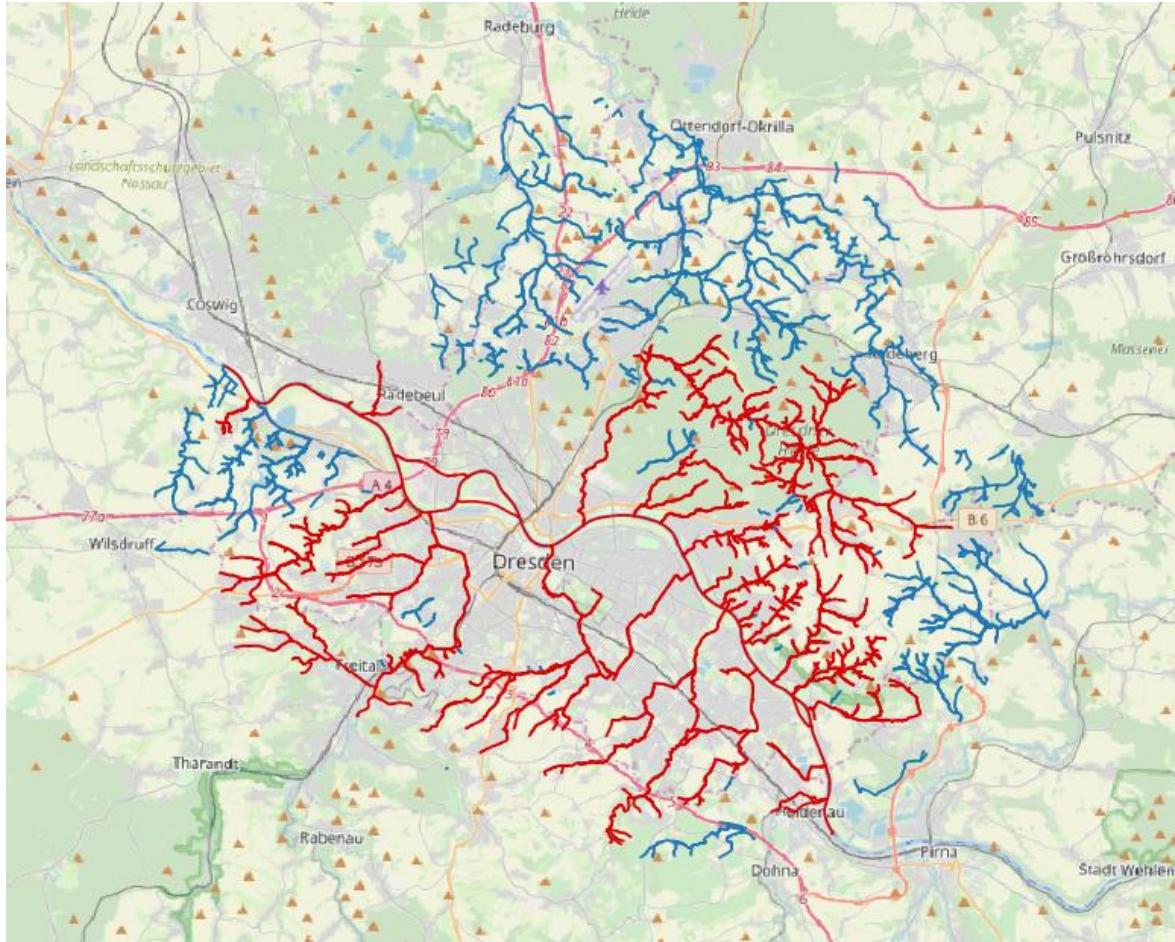
Water Net Analyzer

1 Water Network Constructor

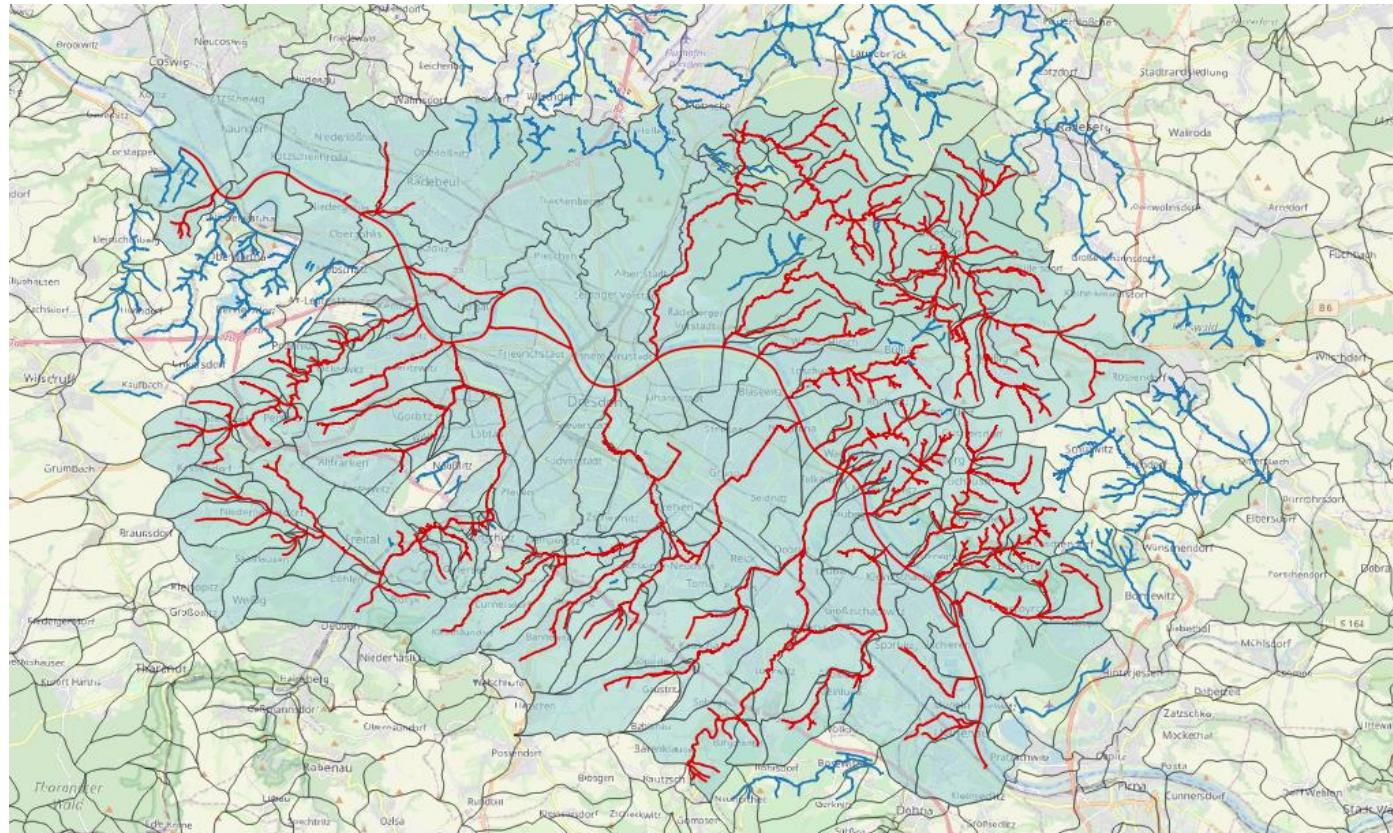
2 Flow path upstream/downstream

3 Calculate along Flow Path

Berechnung von Einzugsgebieten oberhalb eines frei wählbaren Ortes



Berechnung von Einzugsgebieten oberhalb freiwählbarer Punkte



Count: 219

Unique values: 219

NULL (missing) values: 0

Minimum value: 1375.6126144

Maximum value: 13737226.5034

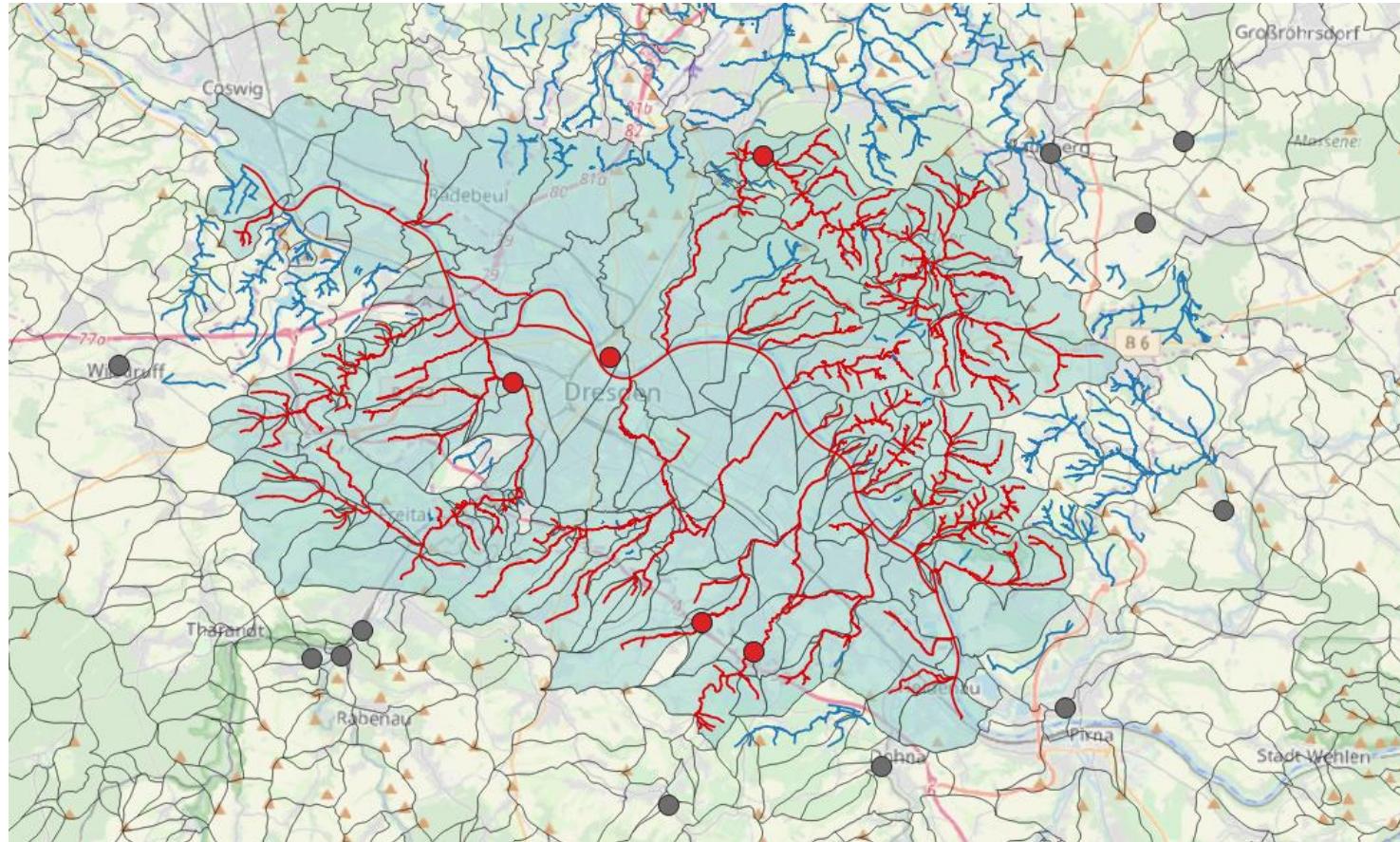
Range: 13735850.8907856

Sum: 341616691.0893132

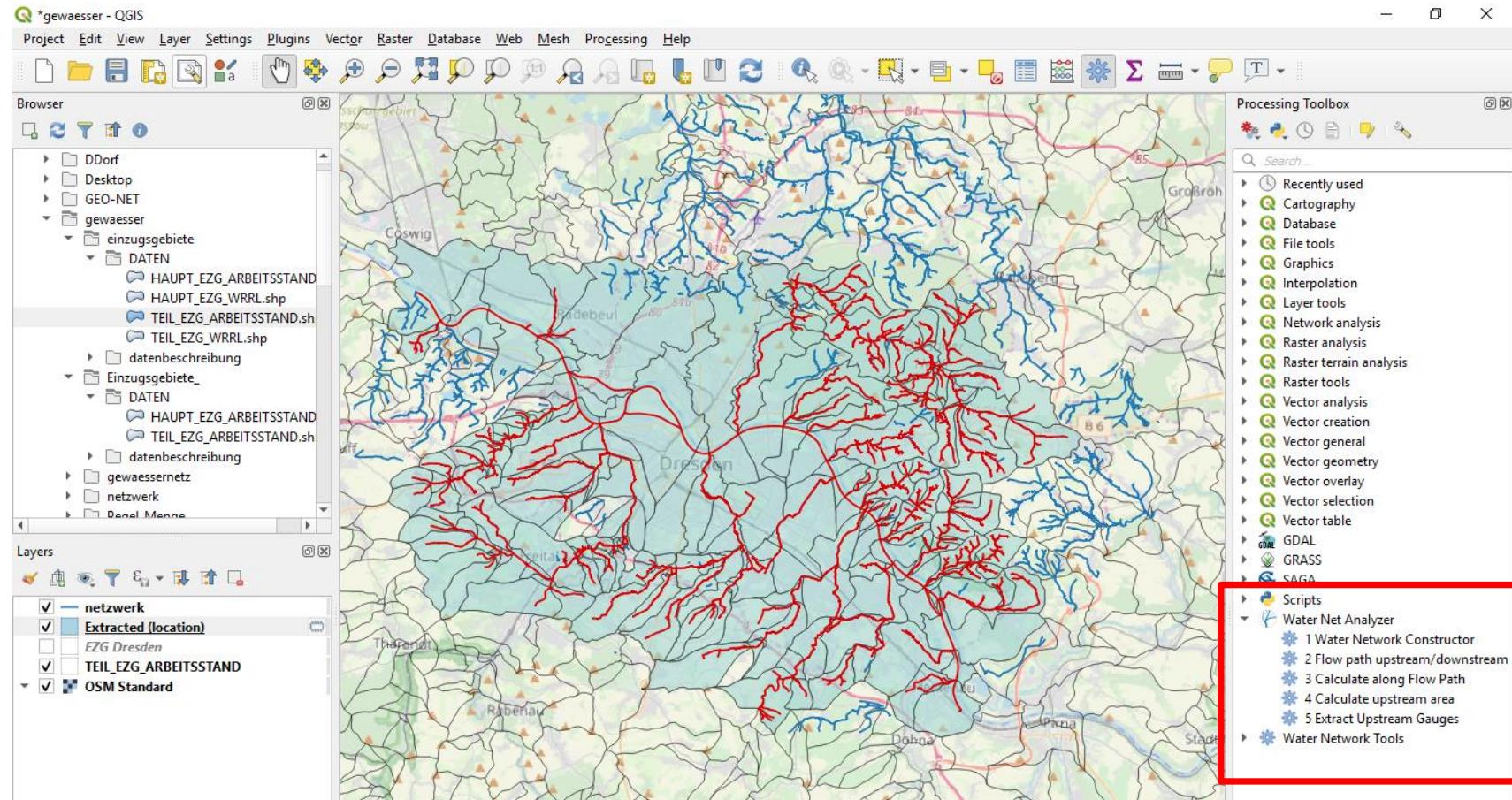
Mean value: 1559893.5666178686

Median value: 866657.383341

Berechnung von Stationen/Pegel oberhalb eines frei wählbaren Punktes



Erweiterung QGIS Toolbox „Water Net Analyzer“



QGIS Plugin - Water Net Analyzer 2.0 😊



Water Net Analyzer

- 1 Water Network Constructor
- 2 Flow path upstream/downstream
- 3 Calculate along Flow Path
- 4 Calculate upstream area
- 5 Extract Upstream Gauges

[https://github.com/stefanhahmann
/WaterNetAnalyzer](https://github.com/stefanhahmann/WaterNetAnalyzer)

The screenshot shows the GitHub repository page for 'stefanhahmann / WaterNetAnalyzer'. The page includes a navigation bar with links for 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. Below the navigation is a search bar and a user profile icon. The repository details show it was forked from 'Jannik-Schilling/WaterNetAnalyzer'. It has 73 commits, 1 branch, 0 releases, and 2 contributors. The license is listed as 'GPL-2.0'. A 'Clone or download' button is prominent. The main content area displays a list of recent commits, each with a file icon, the file name, an action (e.g., 'Add files via upload'), and a timestamp. The commits are ordered by date, with the most recent at the bottom.

stefanhahmann / WaterNetAnalyzer
forked from Jannik-Schilling/WaterNetAnalyzer

Code Pull requests Projects Wiki Security Insights Settings

A QGIS3 plugin to create a water network (sewer network, river network)

Manage topics

73 commits 1 branch 0 releases 2 contributors GPL-2.0

Branch: master New pull request Create new file Upload files Find file Clone or download

This branch is 13 commits ahead of Jannik-Schilling:master.

File	Action	Time Ago
help/images	Add files via upload	3 months ago
icons	Add files via upload	3 months ago
testdata	Add files via upload	3 months ago
Flow_Path_Calc.py	Add files via upload	2 months ago
LICENSE	Add files via upload	3 months ago
Makefile	Add files via upload	3 months ago
README.md	added description for functions 4 Calculate Upstream Area and 5 Extra...	1 hour ago
Upstream_Area_Calc.py	bugfixes shortHelpString for functions 4 and 5	43 minutes ago
Upstream_Downstream.py	Add files via upload	2 months ago
Upstream_Gauges.py	bugfixes shortHelpString for functions 4 and 5	43 minutes ago
Water_Netw_Constructor.py	Add files via upload	3 months ago
init.py	Add files via upload	3 months ago
metadata.txt	Update metadata.txt	26 days ago
pb_tool.cfg	Add files via upload	3 months ago
plugin_upload.py	Add files via upload	3 months ago
pylintrc	Add files via upload	3 months ago
waternetalyzer.py	Add files via upload	3 months ago
waternetalyzer_provider.py	refactor function PegelmEinzugsgebiet to UpstreamGauges	1 hour ago

Code auf Github.com

stefanhahmann / WaterNetAnalyzer
forked from Jannik-Schilling/WaterNetAnalyzer

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Pulse Contributors Traffic Commits Code frequency Dependency graph Network Forks

Aug 18, 2019 – Nov 10, 2019 Contributions: Commits

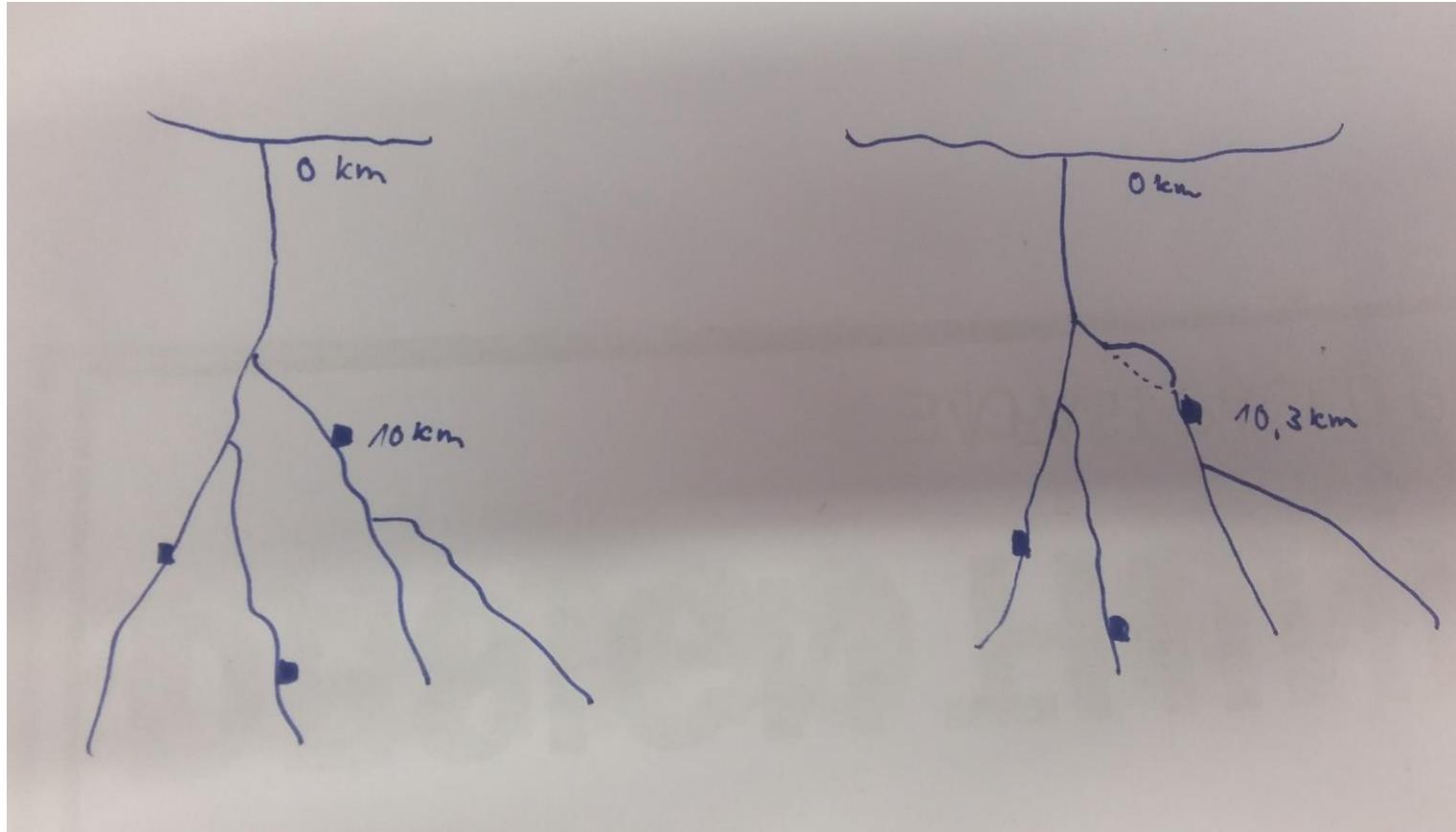
Contributions to master, excluding merge commits

Contributions to master, excluding merge commits

Jannik-Schilling #1 60 commits 4,582 ++ 479 --

felixlobert #2 11 commits 242 ++ 137 --

Aktualisierung der Flusskilometrierung bei Änderungen am Flussverlauf



Konzept zur Umsetzung