

# Lakeside Analysis

## Categories

**fa      free accessible**

Everything which is free. Therefore promenades, sidewalks, lawn (even there is no path directly to the lake)

**pa      payed accessible**

Where you can go, but have to pay. Mostly open air bath and campings. But not hotels or restaurants. These are private properties

**ps      Public Streets & Train Tracks**

Theoretically accessible, but you have to jump over a barrier. When the street is directly by the lake. Even if there is a parking lane. Use not this category, if there is a pathway between street and lake

**pp      Private Properties**

All private houses, business, factories, etc.

**ff      Forrest, farming, moor**

Theoretically accessible, as long the farmer will not see you.

**wr      waters / rivers**

Incoming of a river, etc

## Source Geodata

OpenStreetMap (ÖREB-Kataster not always available). Export by <https://export.hotosm.org>  
Isles are exclosed

**Lake Zurich**

- <http://maps.zh.ch/>

## Examples

### Publics Street (ps)



### Payed Accessible (pa)



Camping site. Publicly open, but still private character





Free Accessible (fa)







Villa Alma. Nursing home (private), but publicly accessible



Has its own pathway besides the street





free accessible because: Actually not accessible cause of the trees, but there is no private property or farm land between.



## Private Property



Fence between lake and pathway

## Usefull links

Google Maps / Street View

<https://www.google.ch/maps/>

Bing Maps / Birdview (rightclick -> Birdview)

<https://www.bing.com/maps>

Strava Map (Fitness-Tracker-Map. Login! Heat opacity to 60%, enable "Satellite")

<https://labs.strava.com/heatmap/#17.98/8.54621/47.36532/hot/ride>

WMS-Server: <http://globalheat.strava.com/tiles/running/color7/{z}/{x}/{y}.png>

Amtliche Vermessung - Bodenbedeckung (WMS)

<https://geodienste.ch/db/av/deu?SERVICE=WMS&REQUEST=GetCapabilities>

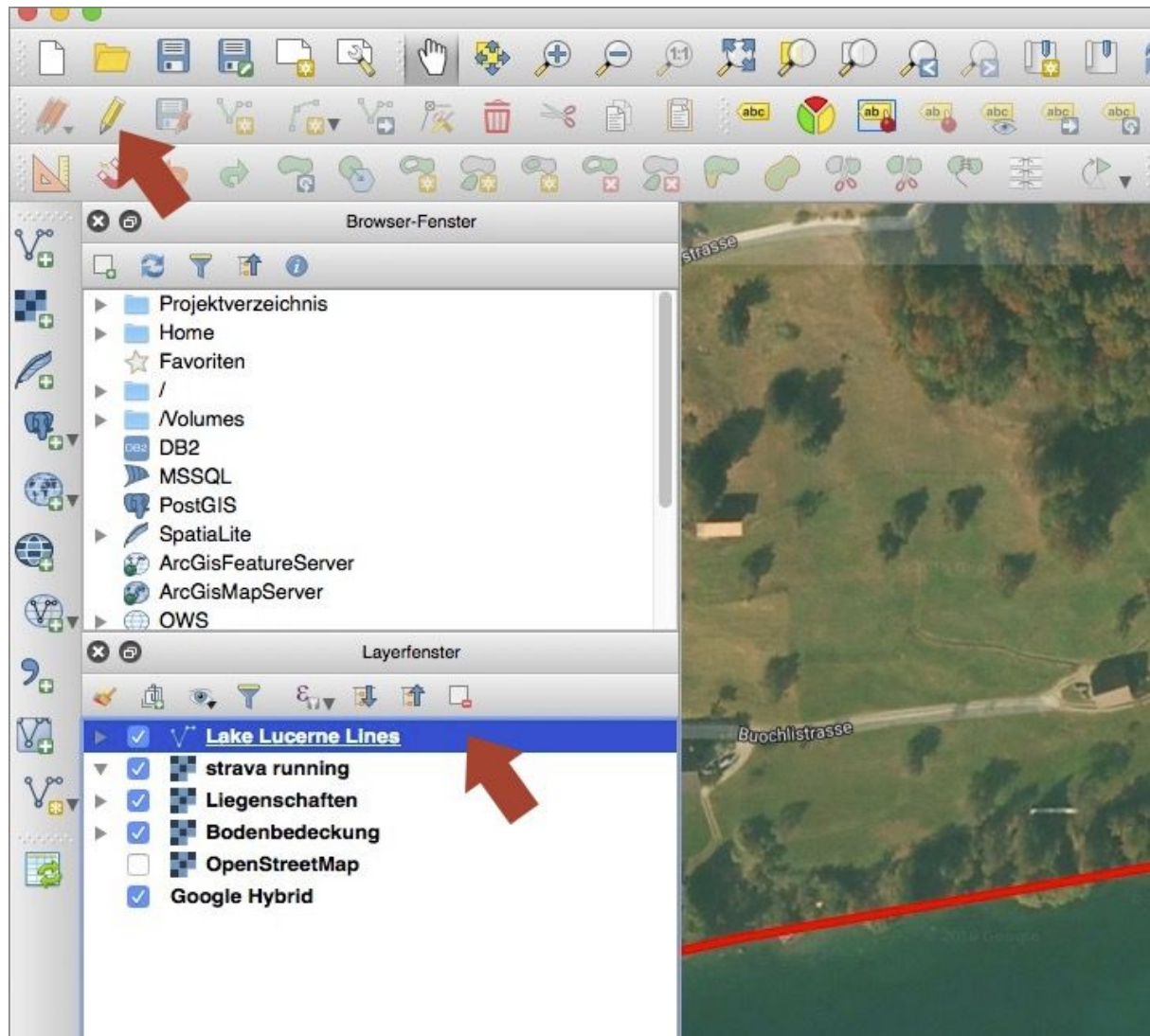
Wanderwege Geoadmin

[https://map.geo.admin.ch/?lang=de&topic=ech&bgLayer=ch.swisstopo.swissimage&layers=ch.swisstopo.zeitreihen.ch.bfs.gebaeude\\_wohnungs\\_register.ch.bav.haltestellen-oev.ch.swisstopo.swisstlm3d-wanderwege&layers\\_visibility=false.false.false.true&layers\\_timestamp=18641231...&E=2660121.30&N=1234564.90&zoom=11](https://map.geo.admin.ch/?lang=de&topic=ech&bgLayer=ch.swisstopo.swissimage&layers=ch.swisstopo.zeitreihen.ch.bfs.gebaeude_wohnungs_register.ch.bav.haltestellen-oev.ch.swisstopo.swisstlm3d-wanderwege&layers_visibility=false.false.false.true&layers_timestamp=18641231...&E=2660121.30&N=1234564.90&zoom=11)



# QGIS-Workflow

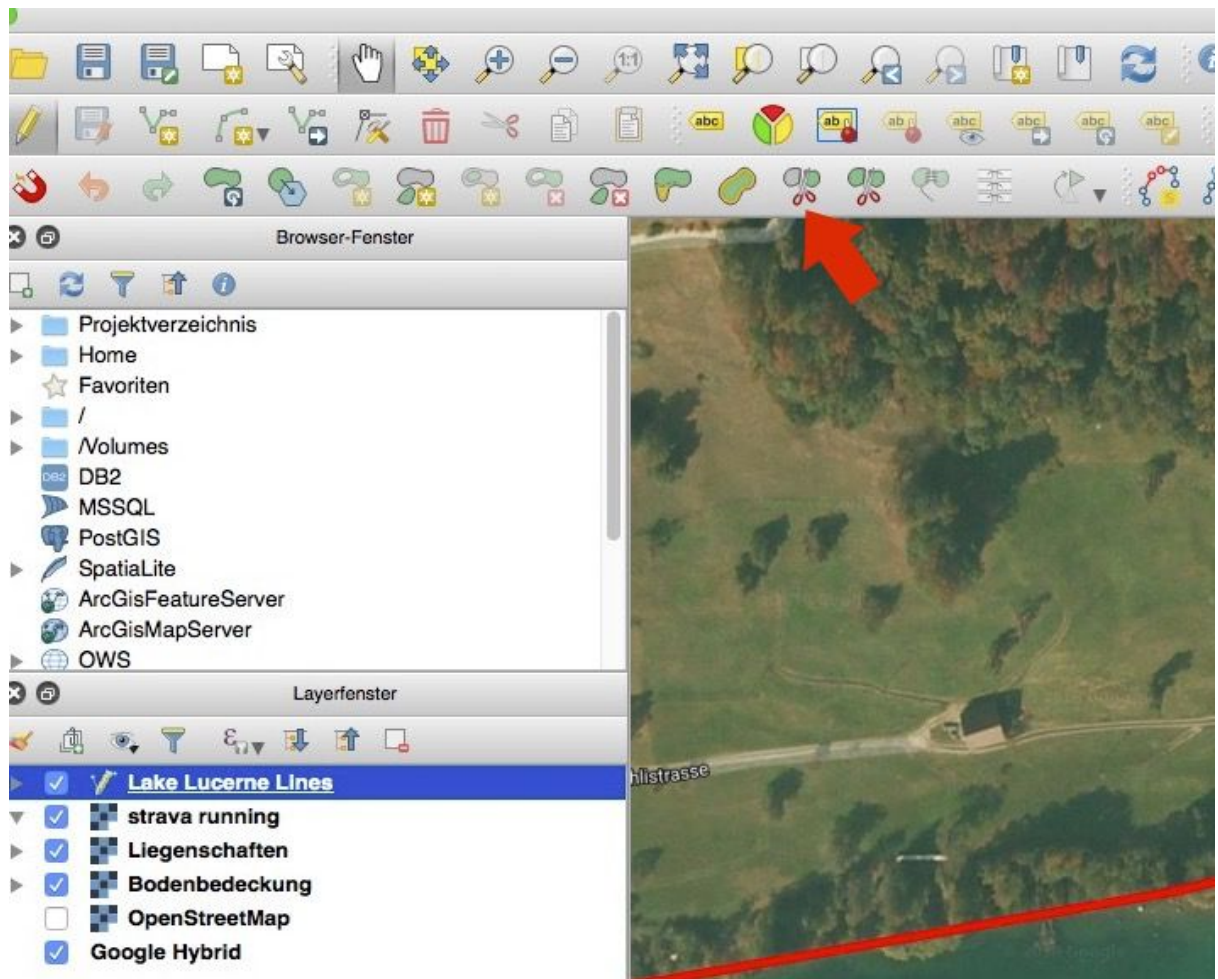
## Set Layer in edit mode



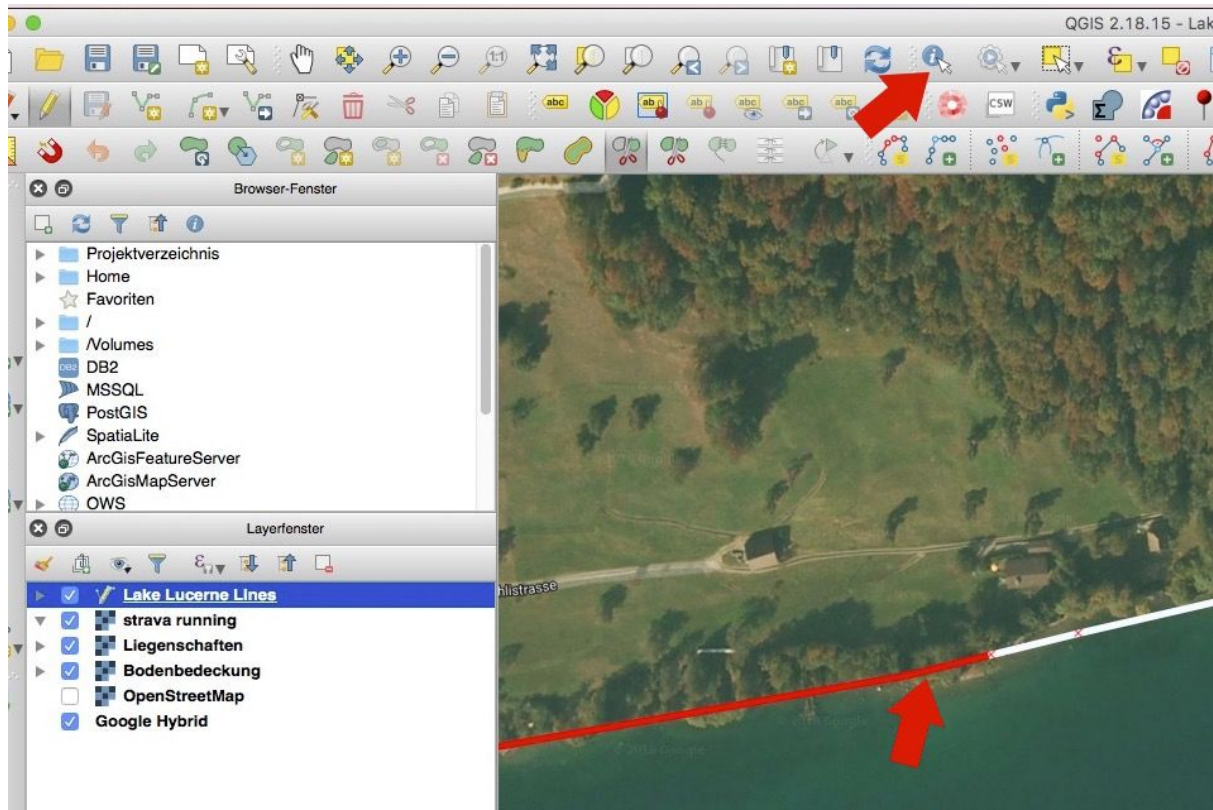
## Cut a line

First use "Object zerteilen" tool. left-click before the line, right click after the line. The line is cut in segments.

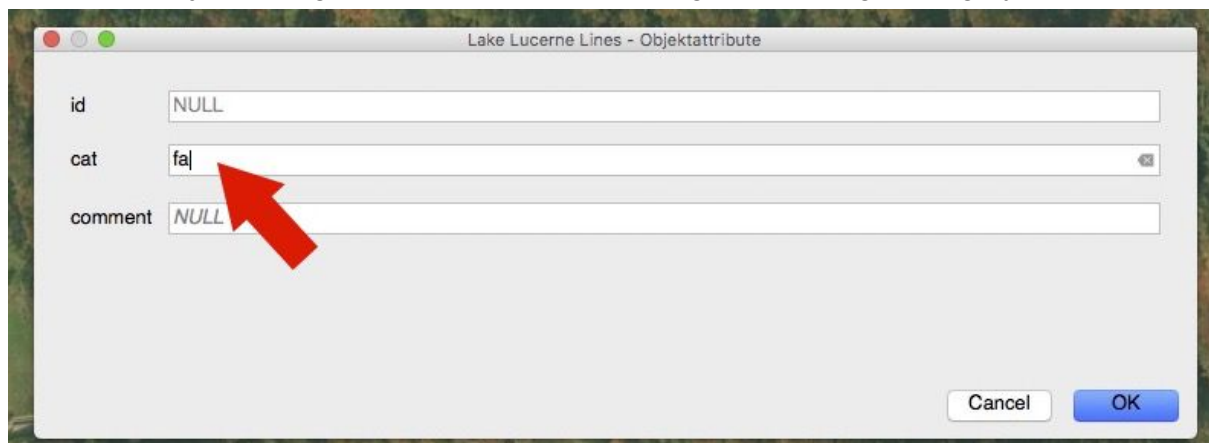




## Change line segment category



Select the “Object abfragen” tool. Click on the line segment. Change Category



## IMPORTANT

From time to time, save it! QGIS crashes sometimes. Click on “Layeränderungen speichern”



