



“~~QGIS Feature Frenzy~~

QGIS Feestelijk Functie Festijn

QGIS Geo Gekte



QGIS Functie Festival

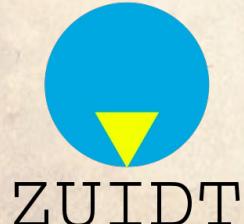
QGIS Quantum Questies

Ik zei de gek

- Richard Duivenvoorde
- QGIS Project Steering Committee ('bestuur')
- OpenSource Adept... en Geo-dude →



- Bedrijf: Zuidt

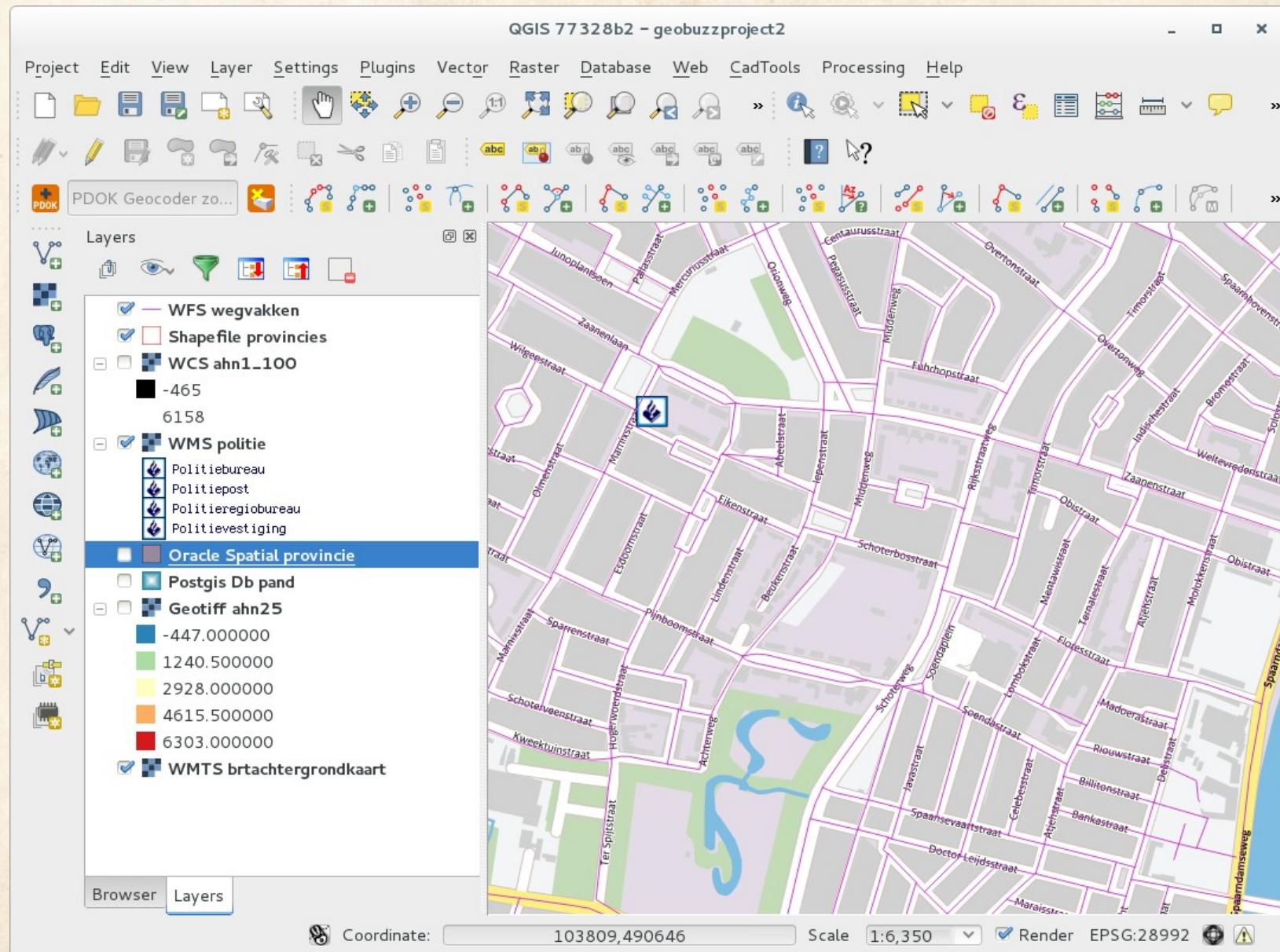


QGIS

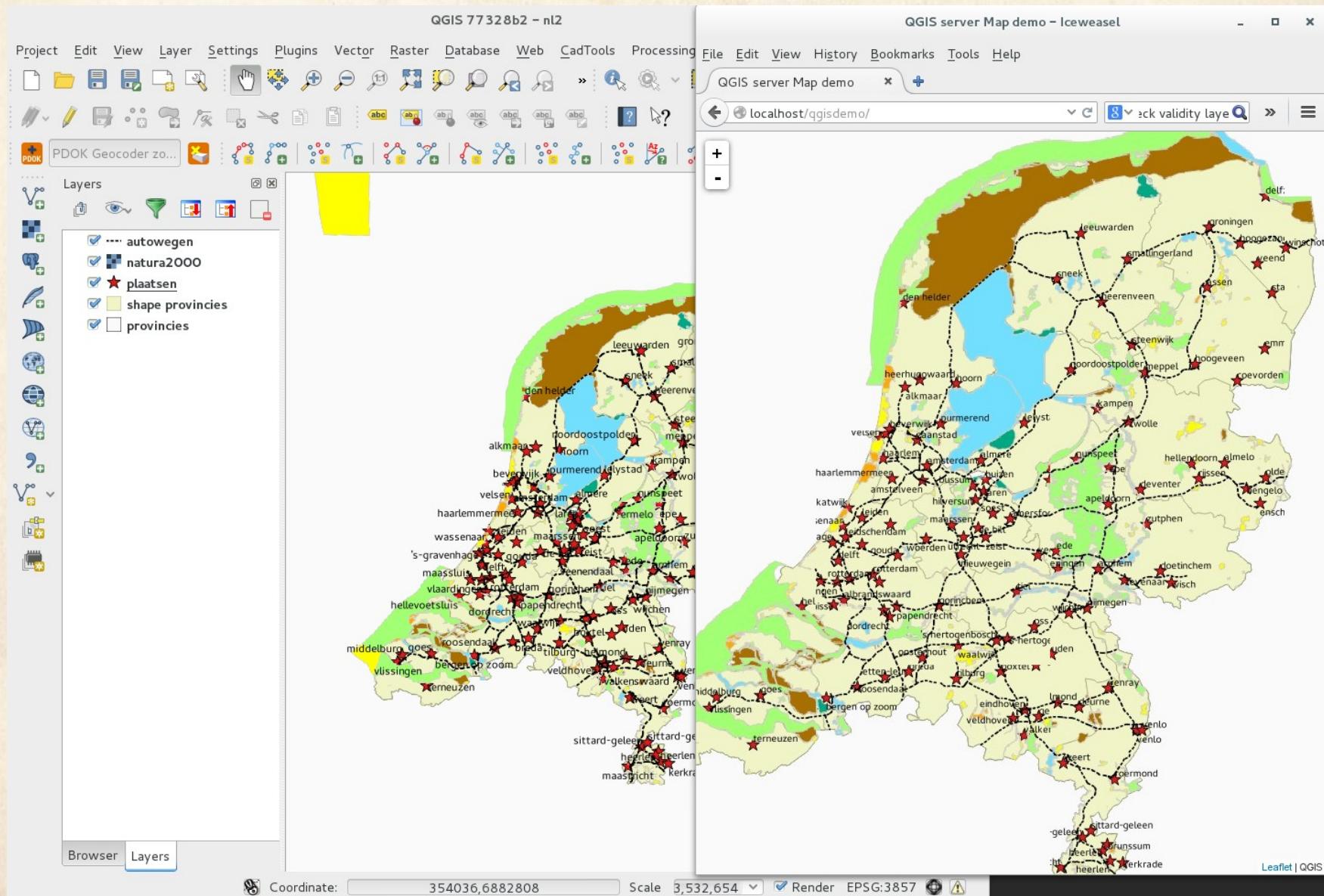
- Creeer, wijzig, visualiseer, analyseer en publiceer geografische informatie onder Windows, Mac, Linux
- Desktop en server
- 3 releases per jaar



QGIS desktop



QGIS server



QGIS Browser

The image shows two instances of the QGIS Browser application running side-by-side.

Left Window (Top):

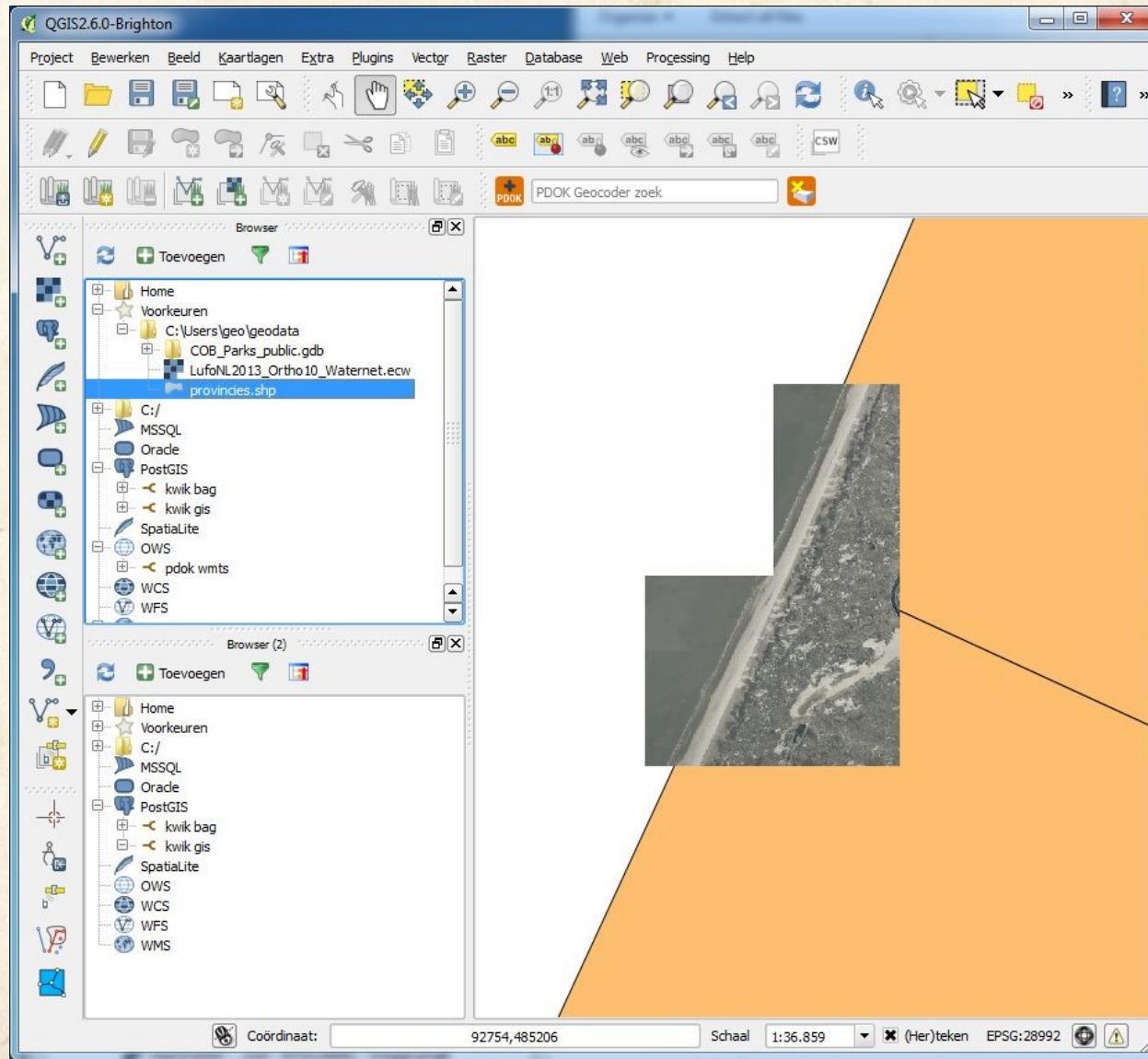
- Toolbar:** Refresh, Manage WMS, New Shapefile, Set layer CRS.
- File Tree:** Home, Favourites, C:/ (Intel, PerfLogs, Program Files), Users (geo, .qgis2, Contacts, Desktop, Documents, Downloads, Favorites), geodata (Valkenburg.gdb, LufoNL2013_Ortho10_Waternet.ecw, provincies.shp).
- Metadata Tab:** Driver (GDAL provider, ECW, ERDAS Compressed Wavelets (SDK 5.0)), Dataset Description (C:/Users/geo/geodata/LufoNL2013_Ortho10_Waternet.ecw, COLORSPACE=RGB, COMPRESSION_RATE_TARGET=6, VERSION=2), Band 1, Band 2, Band 3, Dimensions (X: 20000 Y: 30000 Bands, X: 10000, Y: 15000, X: 5000, Y: 7500, X: 2500, Y: 3750, X: 1250, Y: 1875, X: 625, Y: 937, X: 312, Y: 468, X: 156, Y: 234), Origin (93000, 484000), Pixel Size (0.1, -0.1), No Data Value.

Right Window (Bottom):

- Toolbar:** Refresh, Manage WMS, New Shapefile, Set layer CRS.
- File Tree:** Home, Favourites, C:/ (Intel, PerfLogs, Program Files), Users (geo, .qgis2, Contacts, Desktop, Documents, Downloads, Favorites, geodata (Valkenburg.gdb, LufoNL2013_Ortho10_Waternet.ecw, provincies.shp), Links, Music, Pictures, Saved Games, Searches, Videos, Public, Windows), MSSQL, Oracle, PostGIS, kwik bag (bag8mrt2014), kwik gis, Spatialite, OWS, WCS, WFS, WMS.
- Preview Tab:** Shows a satellite-style map view of a coastal area with a river and forested land.
- Buttons:** Stop rendering.

Snelste manier om een shape in postgis te krijgen:

Sleur
en
Pleur



Website: <http://qgis.org>

Documentatie: <http://docs.qgis.org>

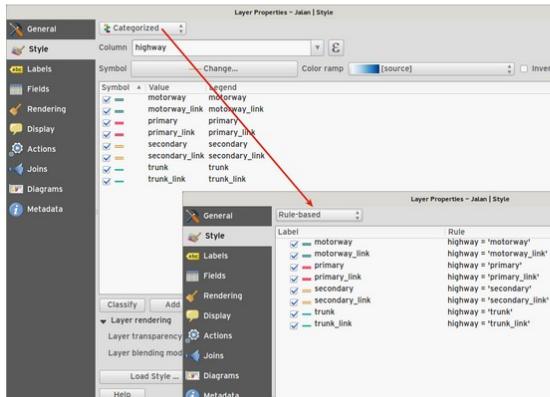
Bugs: <http://issues.qgis.org>

qgis.org/en/site/forusers/visualchangelog260/index.html

 DISCOVER QGIS FOR USERS GET INVOLVED DOCUMENTATION English

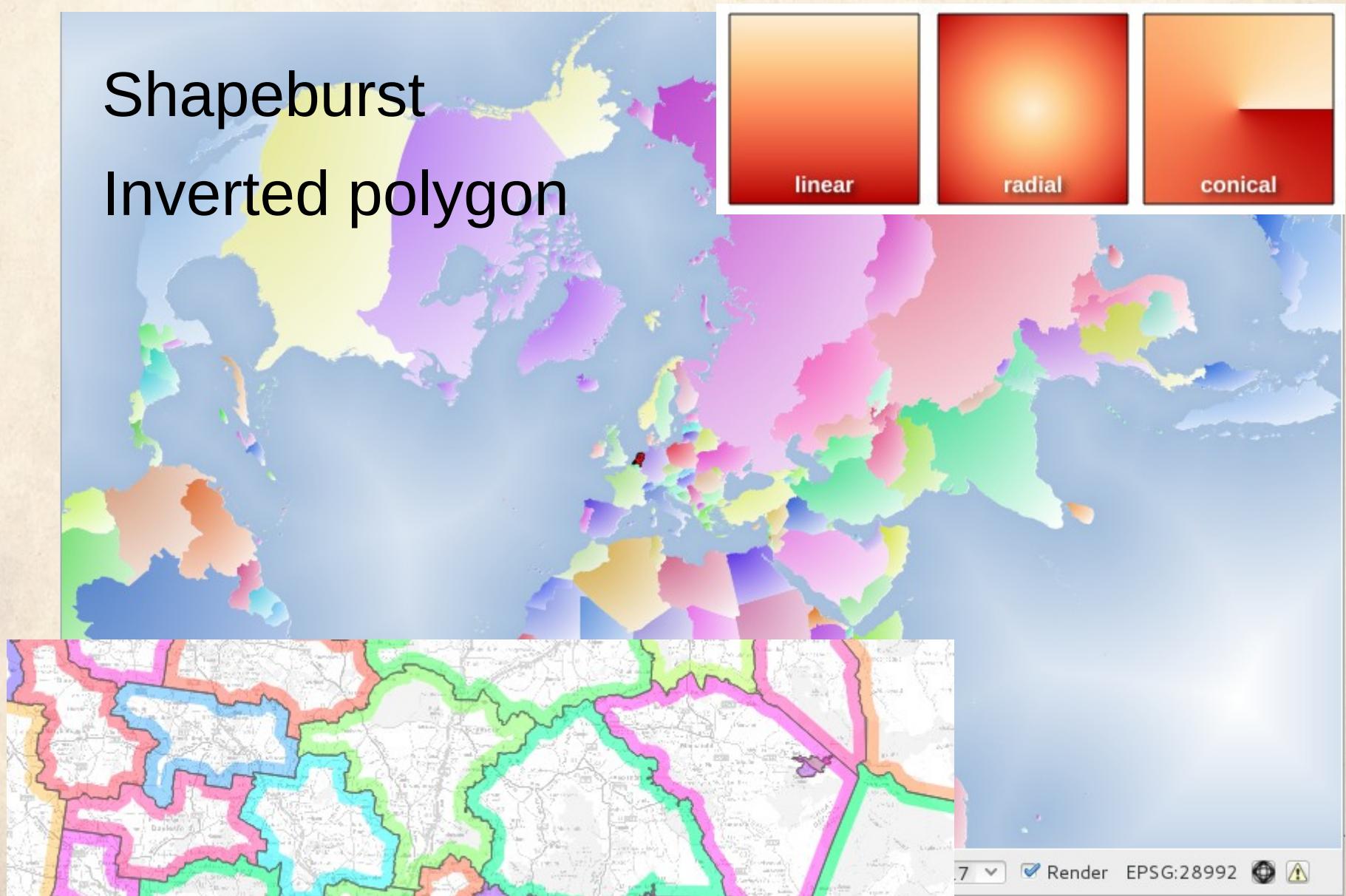
Feature: Symbology user interface improvements

- Where possible, properties of symbol layer are maintained when changing symbol layer type.
- Added an edit button for shapeburst and gradient color ramps.
- Automatic update of label and neighboring ranges boundaries.
- Classes are automatically converted from categorised and graduated classes when switching to rule based renderer.
- Added units and number of decimal places to graduated renderer labels.
- Improved responsiveness to changes in color ramp, inverted colour ramp, and other options in GUI.
- Retain symbol when switching between simple, graduated, categorized, and other renderers.
- Improved labelling of StdDev calculation mode.

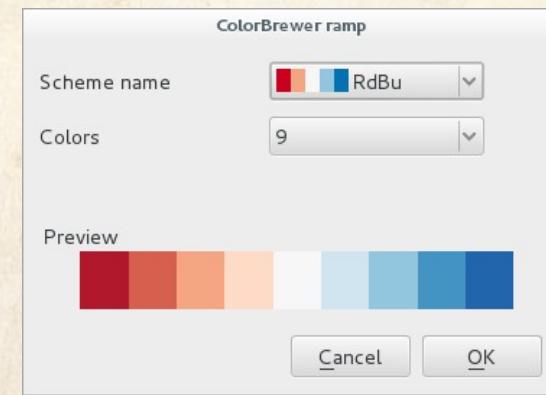
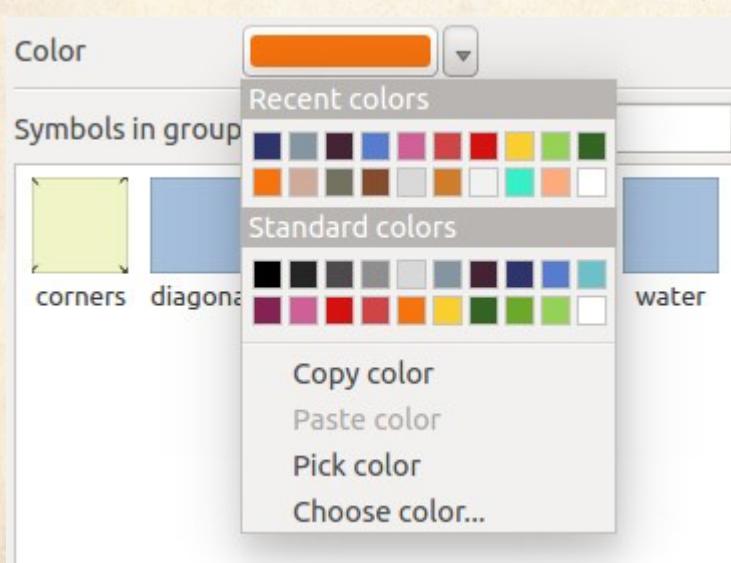
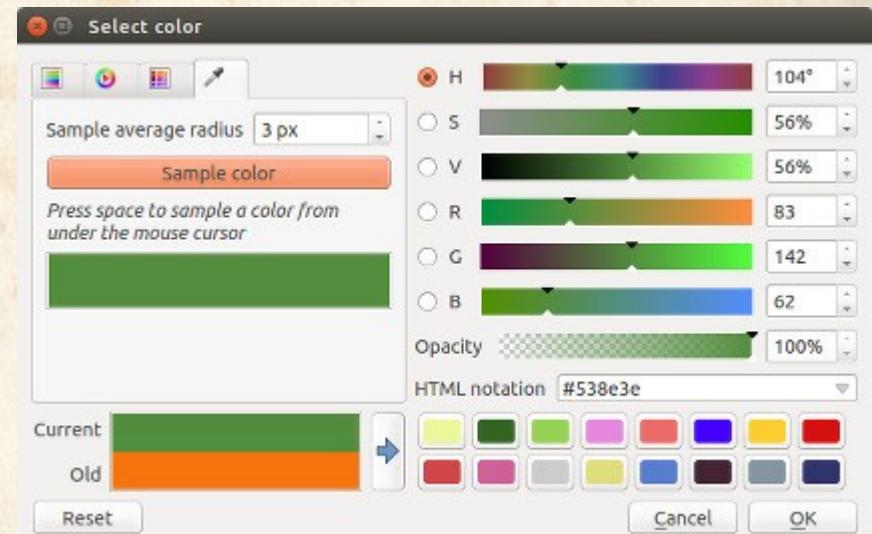
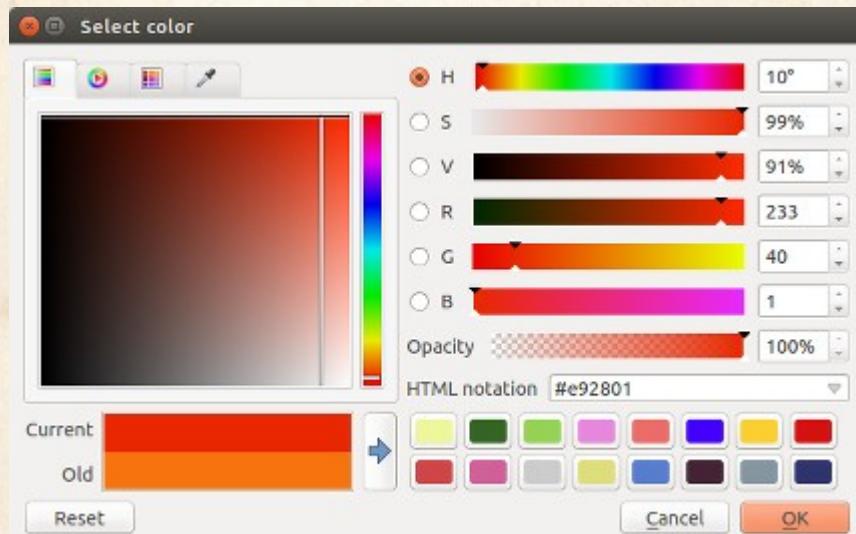


The screenshot shows the 'Layer Properties' dialog for a 'Jalan' layer. It compares two symbology methods: 'Categorized' (top) and 'Rule-based' (bottom). The 'Categorized' tab lists categories like 'motorway', 'primary', 'secondary', etc., each with a color swatch and a corresponding 'Symbol' section. The 'Rule-based' tab shows a table mapping labels to rules, such as 'motorway' being mapped to 'highway = "motorway"' and 'highway = "motorway_link"'. A red arrow points from the text above to the 'Rule-based' tab.

Styling / Kartografie



Kleurenkiezers



QGIS2.6.0-Brighton - geobuzzproject2

Project Bewerken

Beeld Kaartlagen Extra Plugins Vector Raster Database Web CadTools Processing Help



- Kaart verschuiven
- Kaart verschuiven naar selectie
- Inzoomen
- Uitzoomen

Ctrl++

Ctrl--



- Selecteren

Ctrl+Shift+I

- Objecten Identificeren



- Opmeten



- Volledig Uitzoomen

Ctrl+Shift+F

- 46

- 615

- Op kaartlaag Inzoomen



- Inzoomen Op Selectie

Ctrl+J

- Vorig beeld



- Volgend beeld



- Zoom naar Ware Grootte



- Or:



- Pos:



- Decoraties



- Modus Voorvertoning



- Normaal



- Simuleer Fotokopie (Grijsschalen)



- Simuleer Fax (Zwart wit)



- Simuleer Kleurenblind (Protanope)



- Simuleer Kleurenblind (Deutanope)



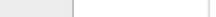
- Bijwerken



- Panelen



- Werkbalken



- Volledig scherm aan/uit

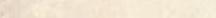
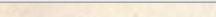
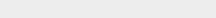
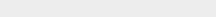
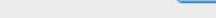
F11

F11

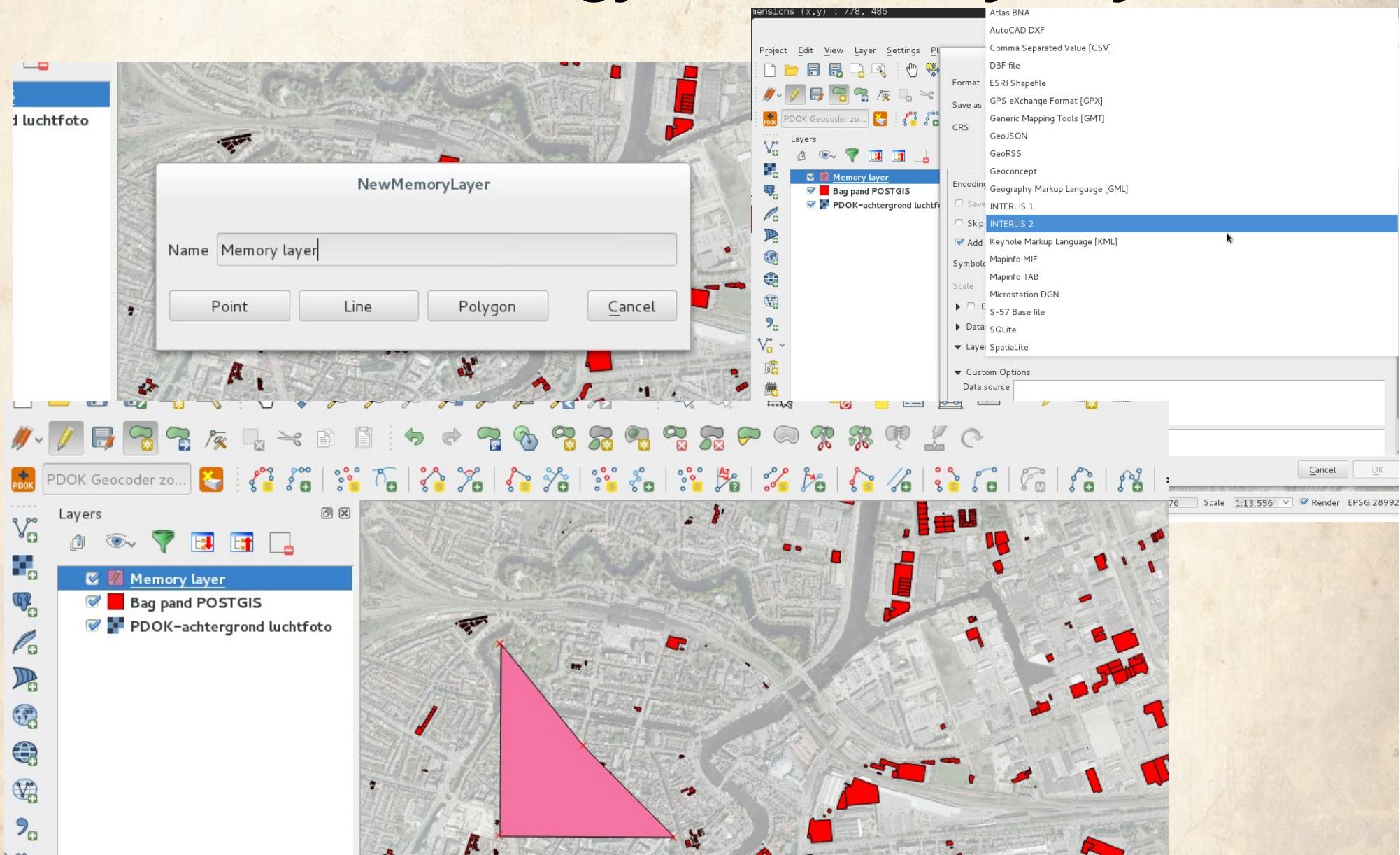


- Browser

- Lagen



Even een laagje: memory layer



Digitaliseren

Attribute editor layout: Autogenerate Python Init function

Fields

Type	Type name	Length	Precision	Comment	Edit widget	Alias	W
QString	String	50	0		Text Edit		<input checked="" type="checkbox"/>
QString	String	50	0		Text Edit		<input checked="" type="checkbox"/>
QString	String	150	0		Text Edit		<input checked="" type="checkbox"/>
QDate	date	8	0		Text Edit		<input checked="" type="checkbox"/>

Edit Widget Properties

Date/Time is selected.

Field format: date

Widget display: default

preview:

naam: Janssen
 datum: 2012-02-15
 wens:
 dakopp: 0
 hoek: 0
 richting:
 aantalpan: 0
 daktype: plat dak

A date selection dialog is open, showing the month of February 2012. The 15th is highlighted in orange.

Geavanceerd Digitaliseren

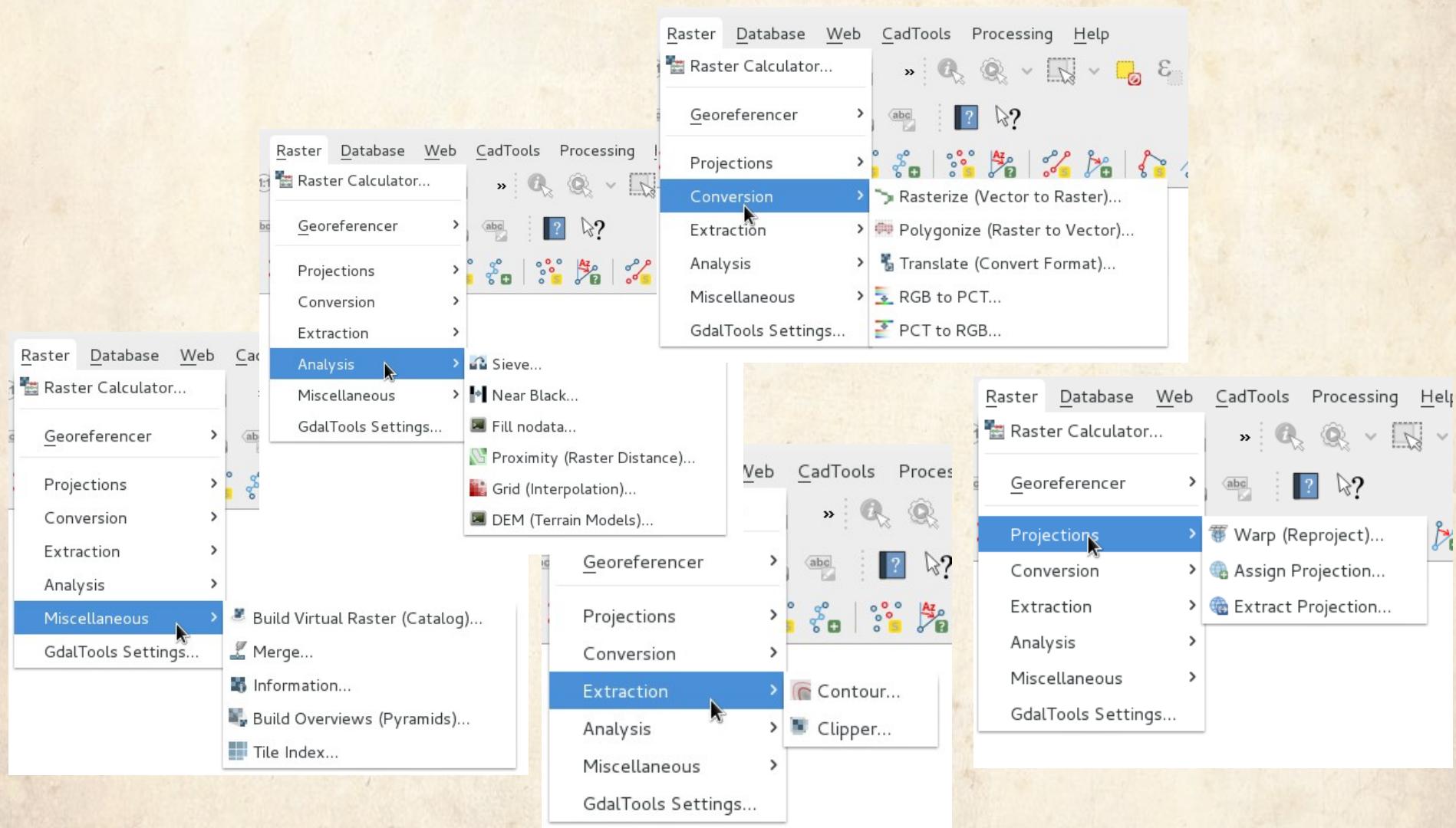
Icoon	Doel	Icoon	Doel
	Ongedaan maken		Opnieuw
	Objecten Roteren		Versimpel Object
	Ring Toevoegen		Onderdeel Toevoegen
	Verwijder Ring		Object vervormen
	Kaartobjecten splitsen		Geselecteerde objecten samenvoegen
	Puntsymbolen Roteren		

Analyse Vector data

The image shows five separate windows of the QGIS application interface, each displaying the 'Vector' menu with its sub-tools. The windows are arranged in a grid-like fashion.

- Top Left Window:** Shows the 'Analysis Tools' submenu under 'Vector'. Sub-tools include Distance Matrix..., Sum Line Lengths..., Points in Polygon..., List Unique Values..., Basic Statistics..., Nearest Neighbour Analysis..., Mean Coordinate(s)..., and Line Intersections... .
- Top Middle Window:** Shows the 'Geoprocessing Tools' submenu under 'Vector'. Sub-tools include Convex Hull(s)..., Buffer(s)..., Intersect..., Union..., Symetrical Difference..., Clip..., Difference..., Dissolve..., and Eliminate Sliver Polygons... .
- Top Right Window:** Shows the 'Data Management Tools' submenu under 'Vector'. Sub-tools include Define Current Projection..., Join Attributes by Location..., Split Vector Layer..., Merge Shapefiles to One..., Create Spatial Index..., Random Selection..., Random Selection Within Subsets..., Random Points..., Regular Points..., Vector Grid..., Select by Location..., and Polygon from Layer Extent... .
- Bottom Left Window:** Shows the 'Data Management Tools' submenu under 'Vector'. Sub-tools include Random Selection..., Random Selection Within Subsets..., Random Points..., Regular Points..., Vector Grid..., Select by Location..., and Polygon from Layer Extent... .
- Bottom Middle Window:** Shows the 'Research Tools' submenu under 'Vector'. Sub-tools include Random Selection..., Random Selection Within Subsets..., Random Points..., Regular Points..., Vector Grid..., Select by Location..., and Polygon from Layer Extent... .

Analyse Raster data



Ting-tie-die-ding... Commerciële PREEK



QGIS is FOSS

Vrije en Gratis, maar ajb DOE MEE



Niet zeuren, maar DOEN

Brief Jerky

Edible Meat Underwear



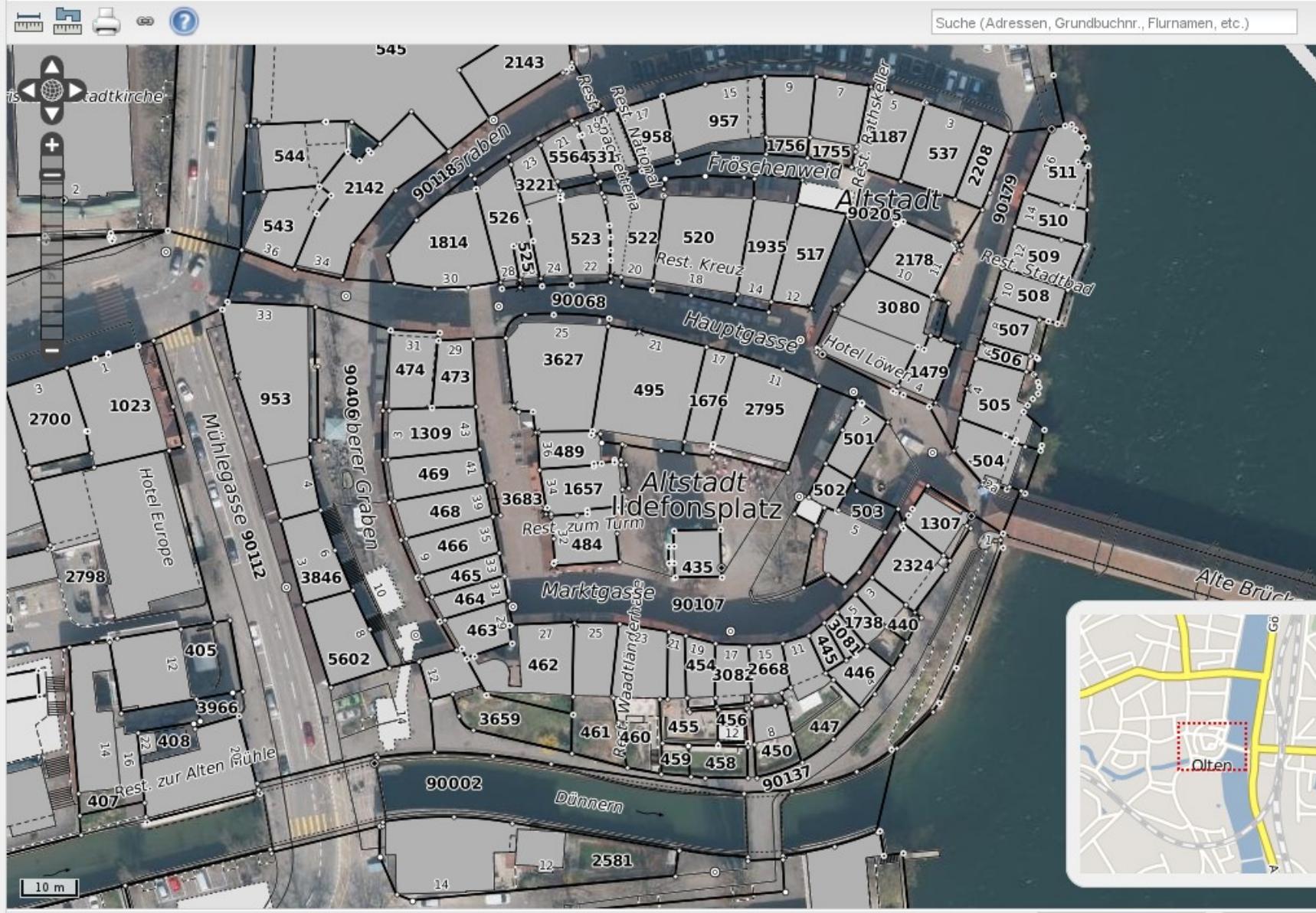
Infos und Werkzeuge

Kartenthemen

Karte

Kartenebenen

- Plan für das Grundbuch
- Baulinien
- Amtliche Vermessung (schwarz)
- Amtliche Vermessung (farbig)
- Grundkarte
 - Strassenkarte
 - Orthofoto
 - Basisplan (schwarz-weiss)
 - Basisplan (farbig)



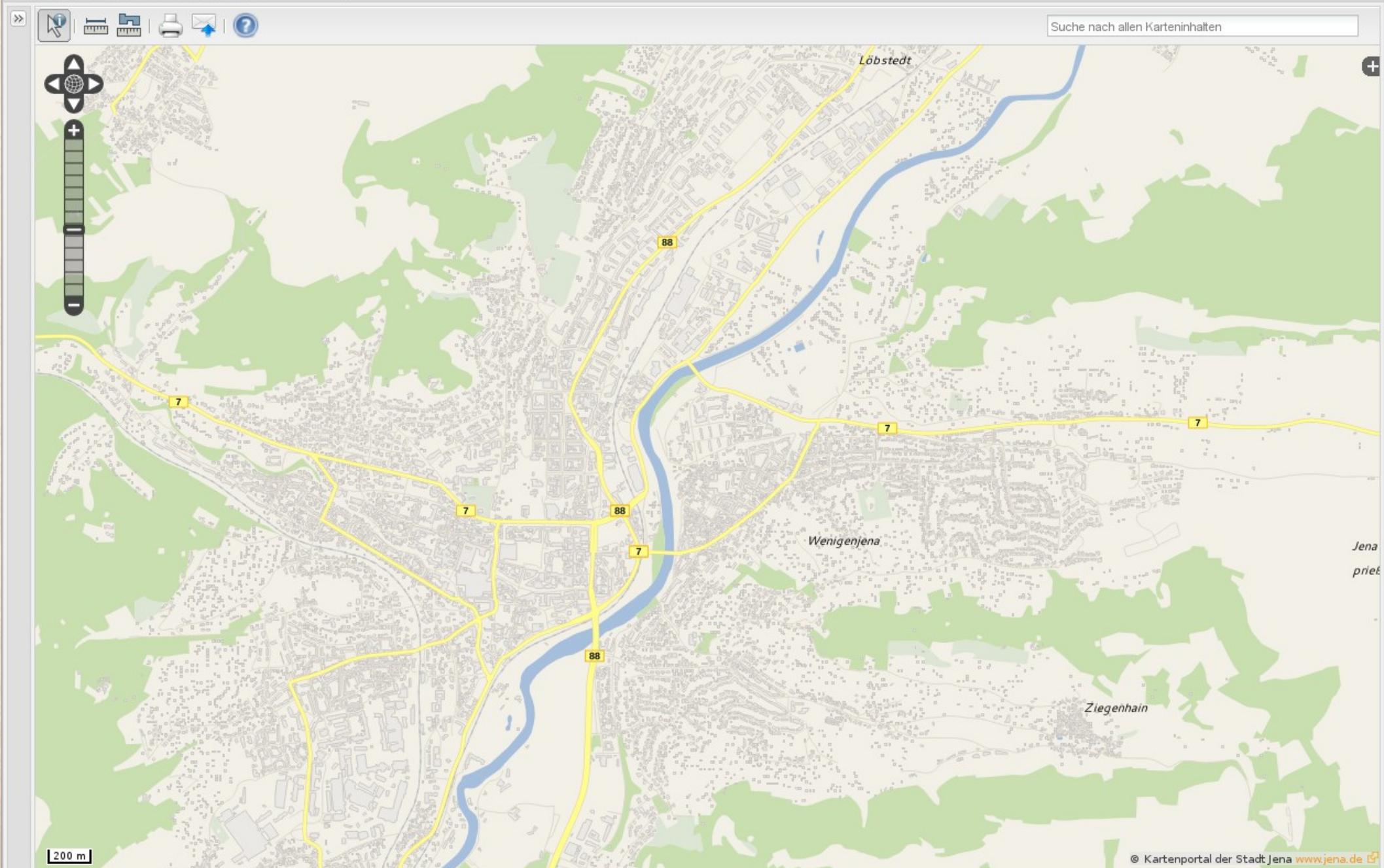
Modus: Navigation. Shift/Rechteck aufziehen oder Mausrad zum zoomen.

Koordinate: 635113,244500

1:

945

JENA LICHTSTADT. Kartenportal Jena



Modus: Objektidentifikation. Bewegen Sie die Maus über das Objekt, um es zu identifizieren, klicken Sie es an, um seine Attributdaten anzuzeigen.

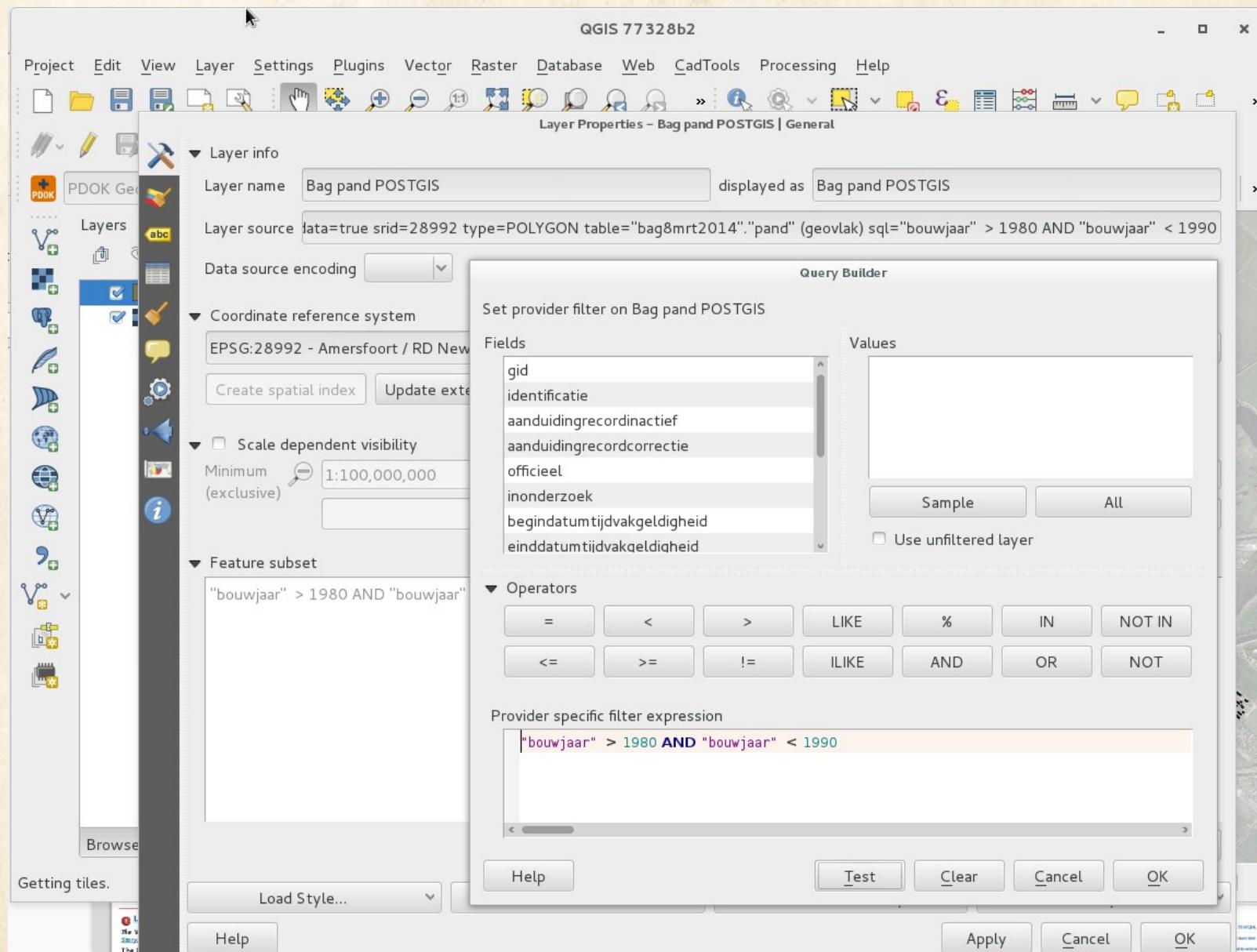
Koordinate: 679342,5647062 1: 21038

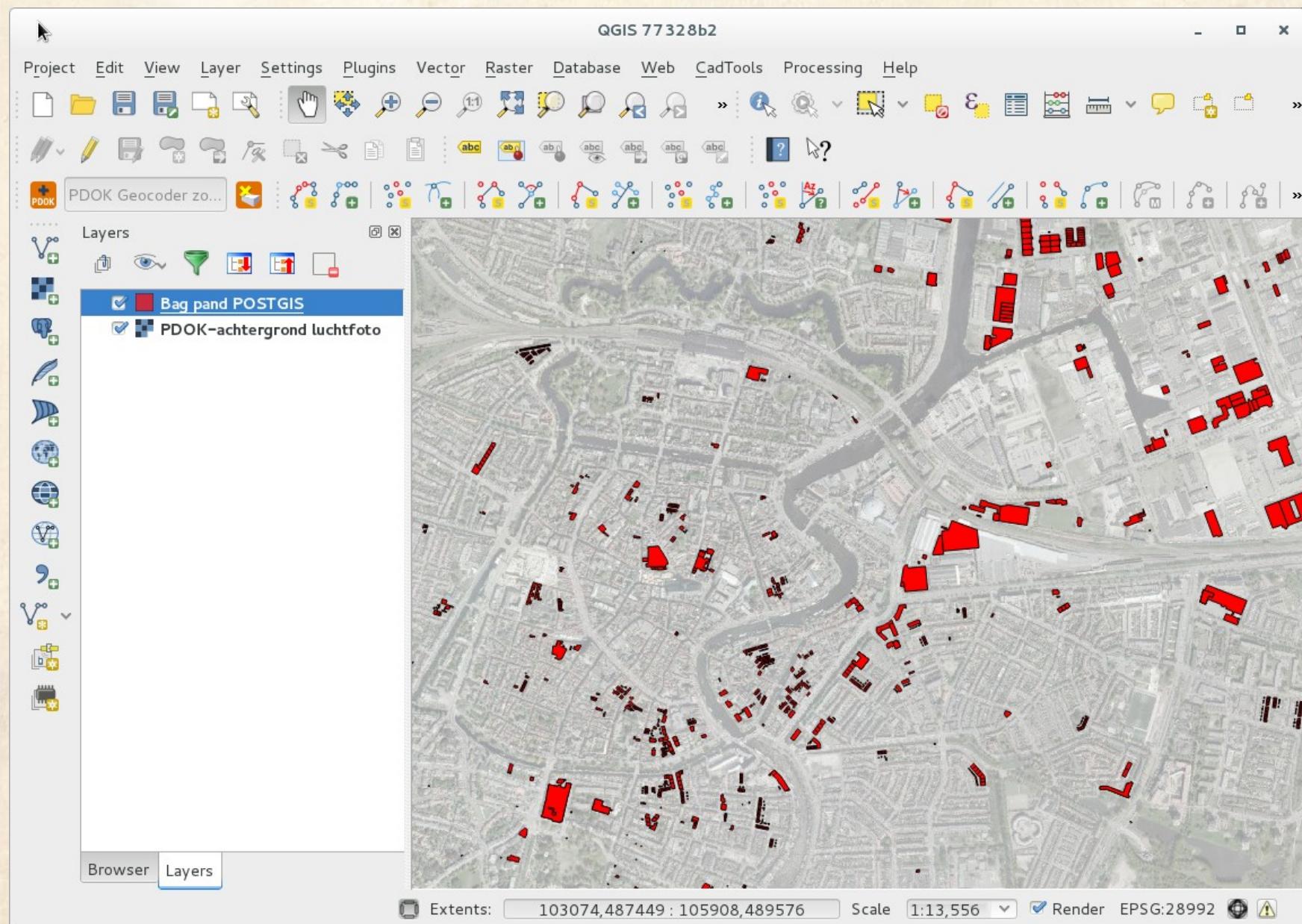
© Kartenportal der Stadt Jena www.jena.de

Licenties, he?



Subset van data via query





Labeling

Layer Properties – Bag pand POSTGIS | Labels

Label this layer with bouwjaar

Text/Buffer sample

Placeholder: Lorem Ipsum

Text style

- Font: Cantarell
- Style: Regular
- Size: 11.0000 points
- Color: #000000
- Transparency: 0%
- Type case: No change
- Spacing: letter 0.0000, word 0.0000
- Blend mode: Normal

Drop shadow

- Draw drop shadow
- Draw under: Lowest label component
- Offset: 135°, 1.0000 mm
- Use global shadow
- Blur radius: 1.500000 mm
- Blur only alpha pixels
- Transparency: 30 %
- Scale: 100 %
- Color: #000000
- Blend mode: Multiply

Load Style... Save As Default Restore Default Style Help

Layer Properties – Bag pand POSTGIS | Labels

Label this layer with bouwjaar

Text/Buffer sample

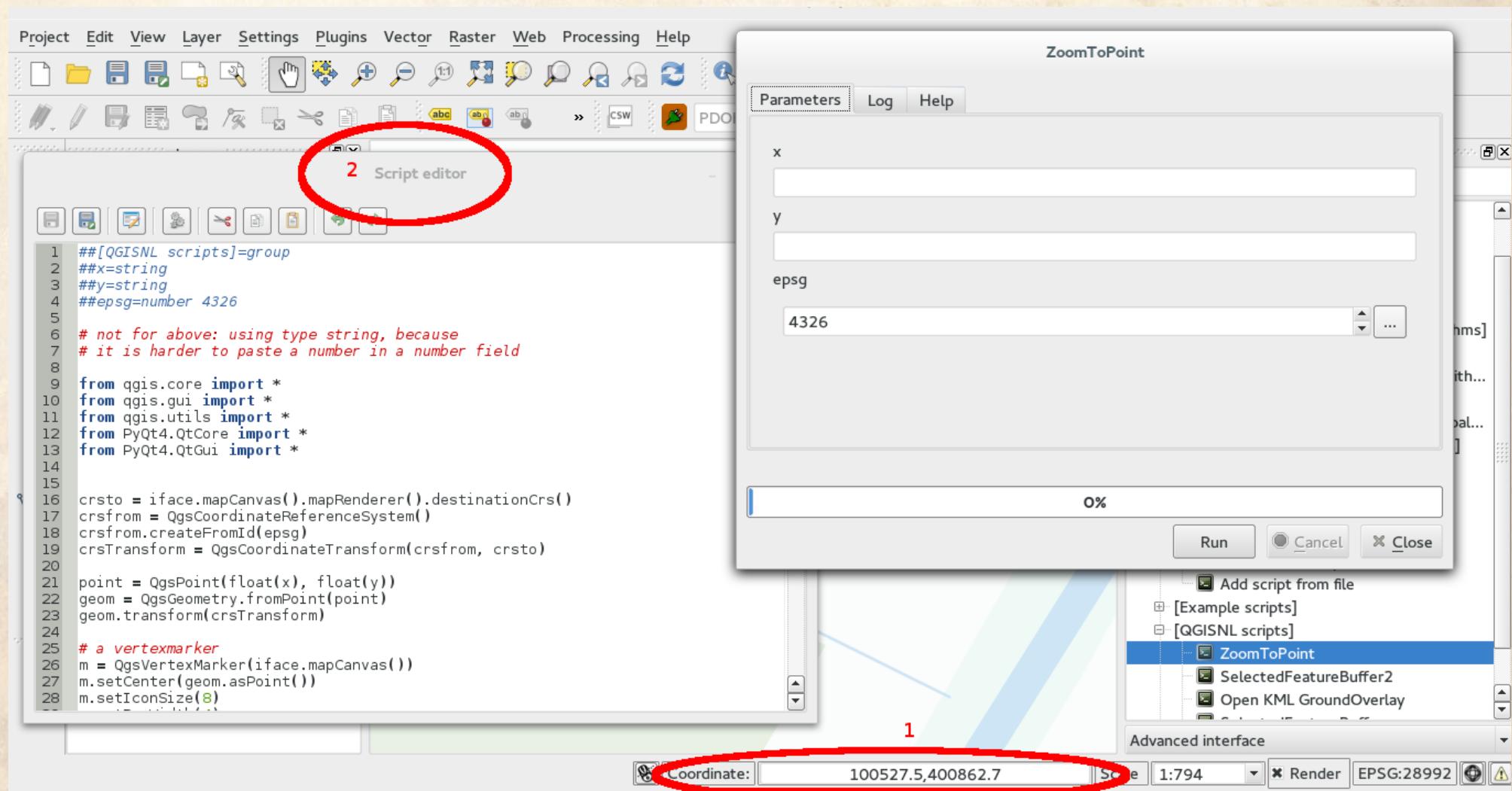
Placeholder: Lorem Ipsum

Drop shadow

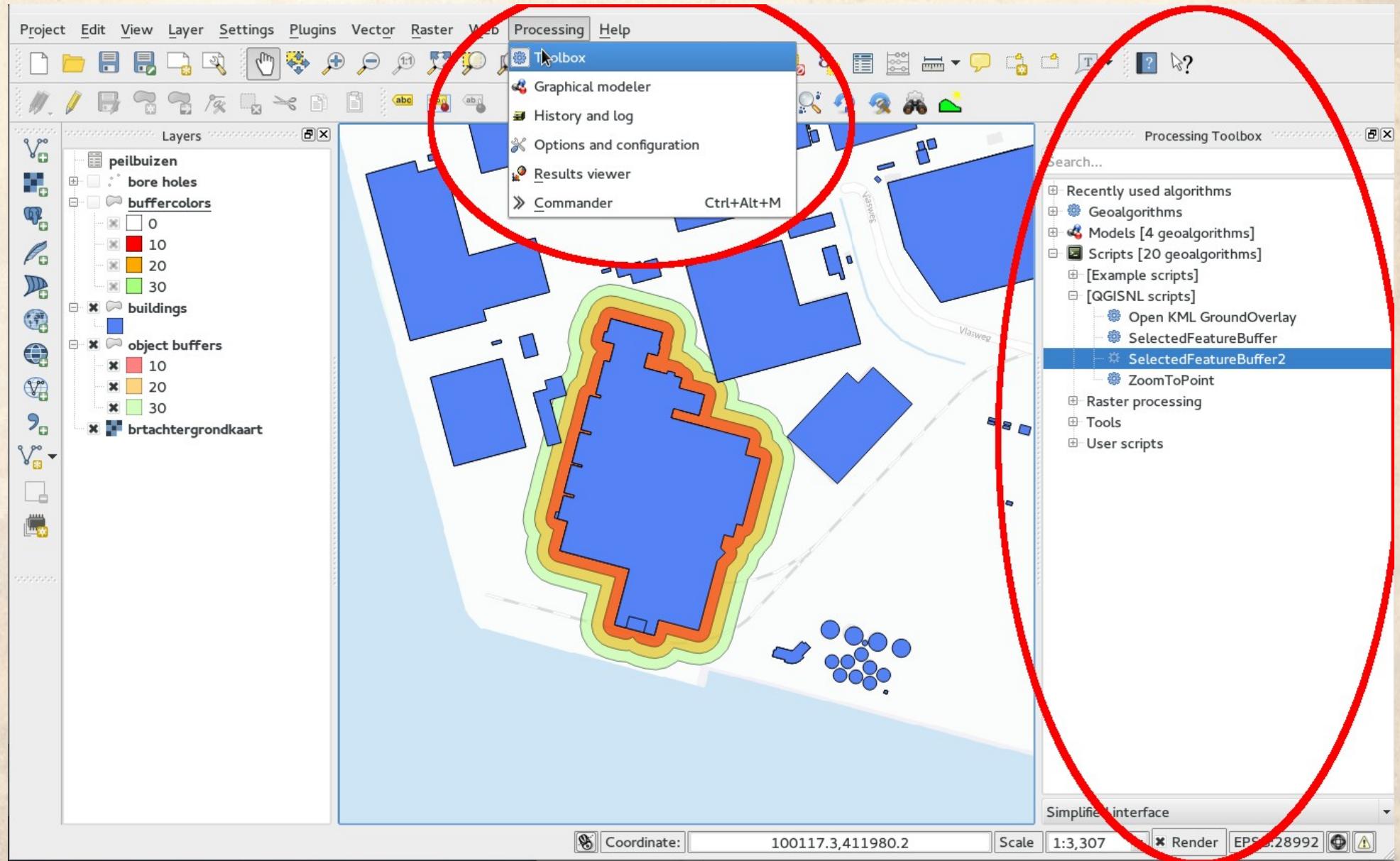
- Draw drop shadow
- Draw under: Lowest label component
- Offset: 135°, 1.0000 mm
- Use global shadow
- Blur radius: 1.500000 mm
- Blur only alpha pixels
- Transparency: 30 %
- Scale: 100 %
- Color: #000000
- Blend mode: Multiply

Load Style... Save As Default Restore Default Style Save Style Apply Cancel OK Help

Sextante Processing



3x buffer en style het geselecteerde gebouw



Processing modeler

Processing modeler

Inputs Algorithms

Search...

- Convex hull
- Delaunay triangulation
- Densify geometries
- Densify geometries given an...
- Dissolve
- Explode lines
- Extract nodes
- Fixed distance buffer
- Lines to polygons
- Multipart to singleparts
- Polygon centroids
- Polygonize
- Polygons to lines
- Simplify geometries
- Singleparts to multipart
- Variable distance buffer
- Voronoi polygons

▶ Vector overlay tools

▶ Vector selection tools

▶ Vector table tools

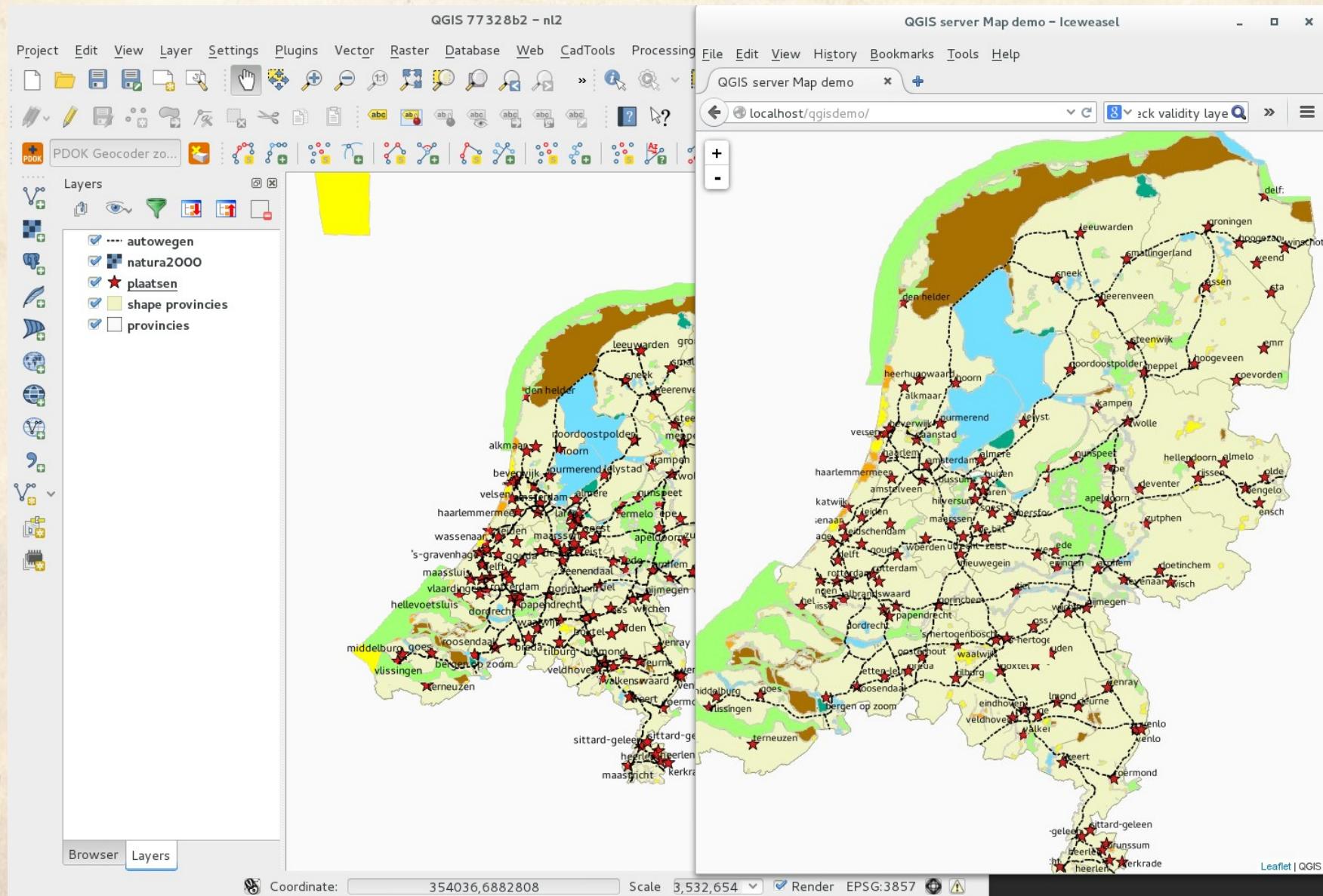
▶ Scripts

Centroid of Point cluster Vector

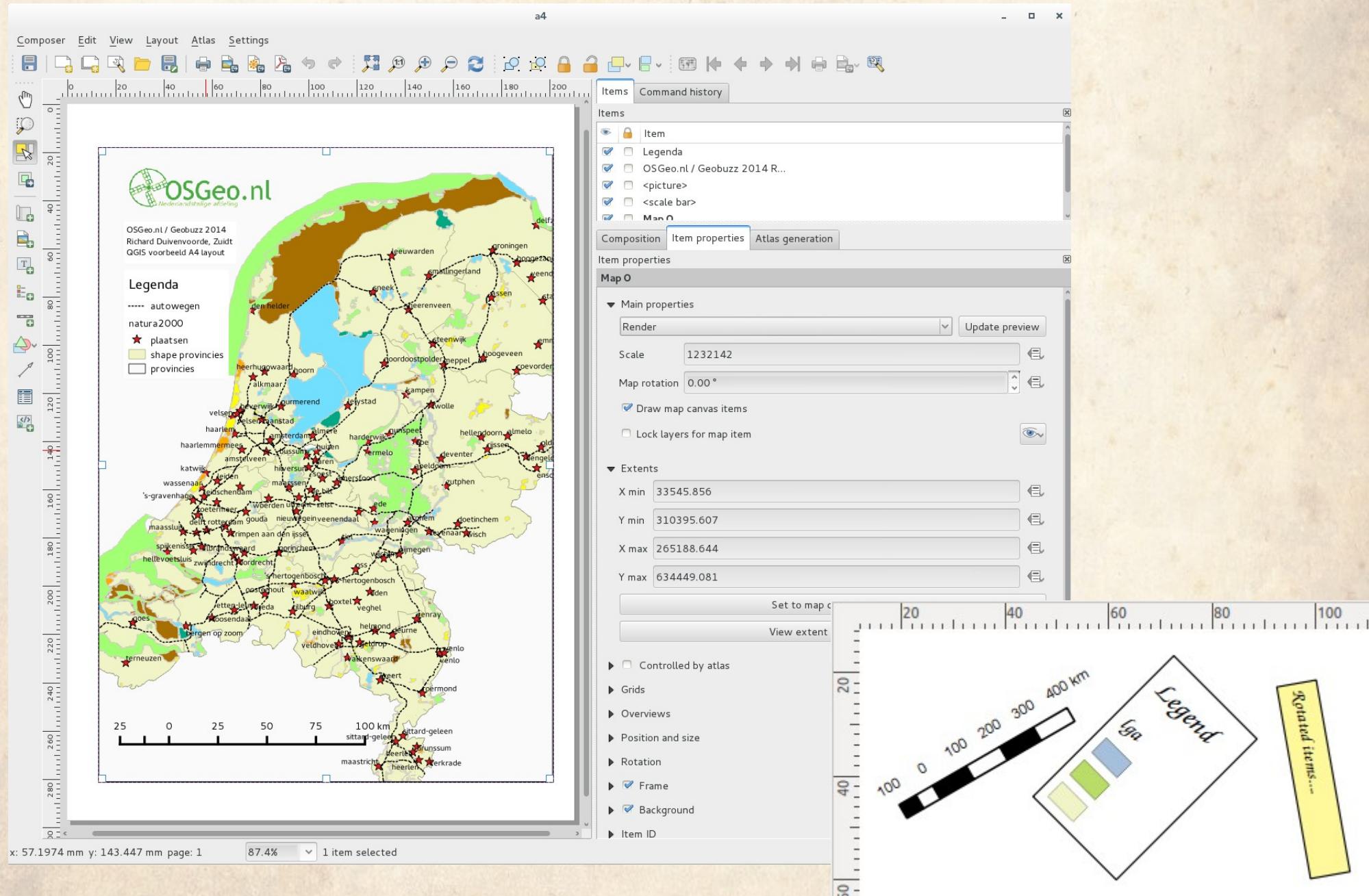
```
graph TD; PL[PointLayer] -- In --> CH1[Convex hull]; CH1 -- Out --> PC[Polygon centroids]; PC -- In --> CH1
```

Edit model help Run Open Save Save as ... Close

Van Desktop naar OGC WMS/WFS/WCS server

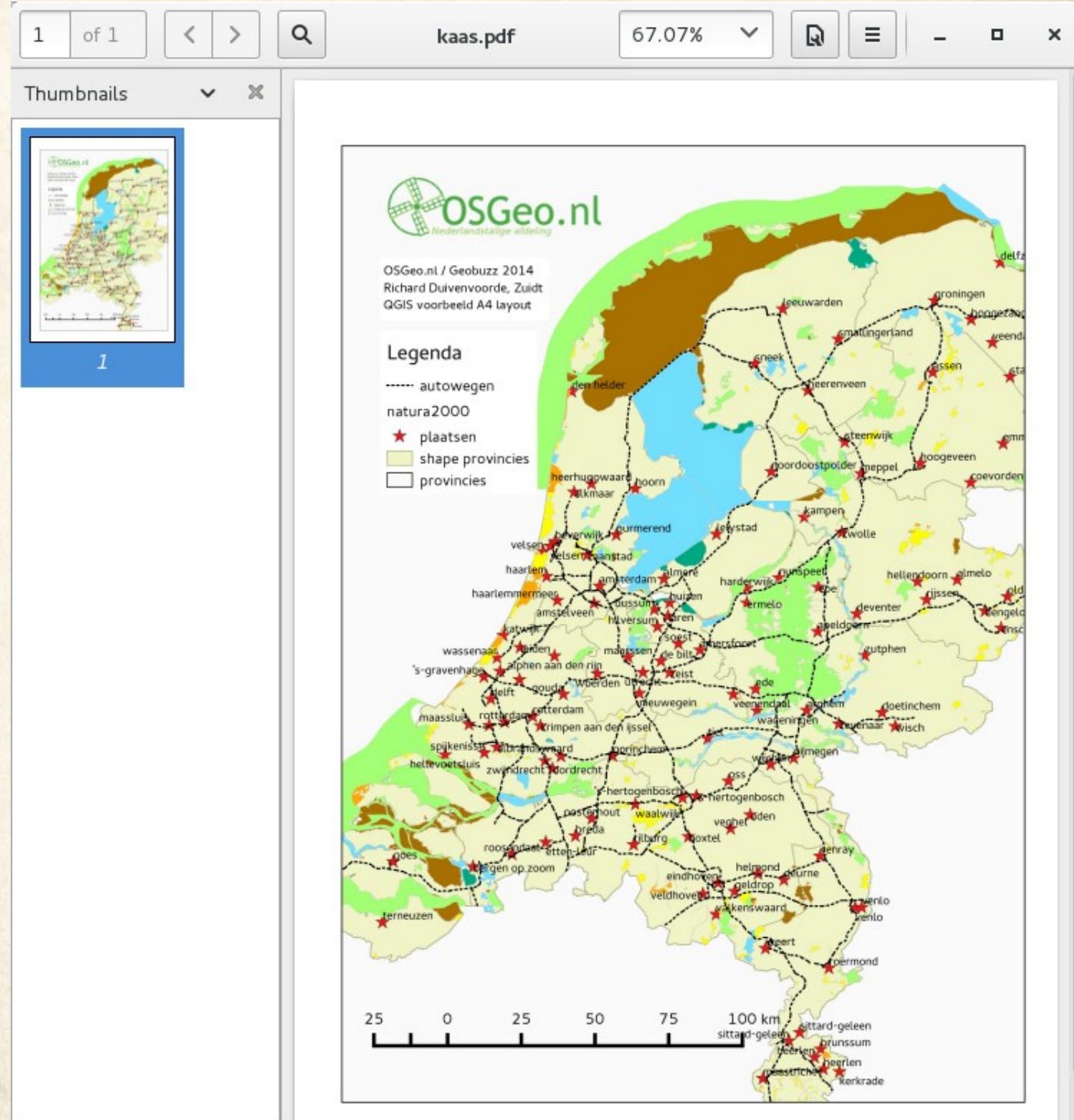


Print Layout's

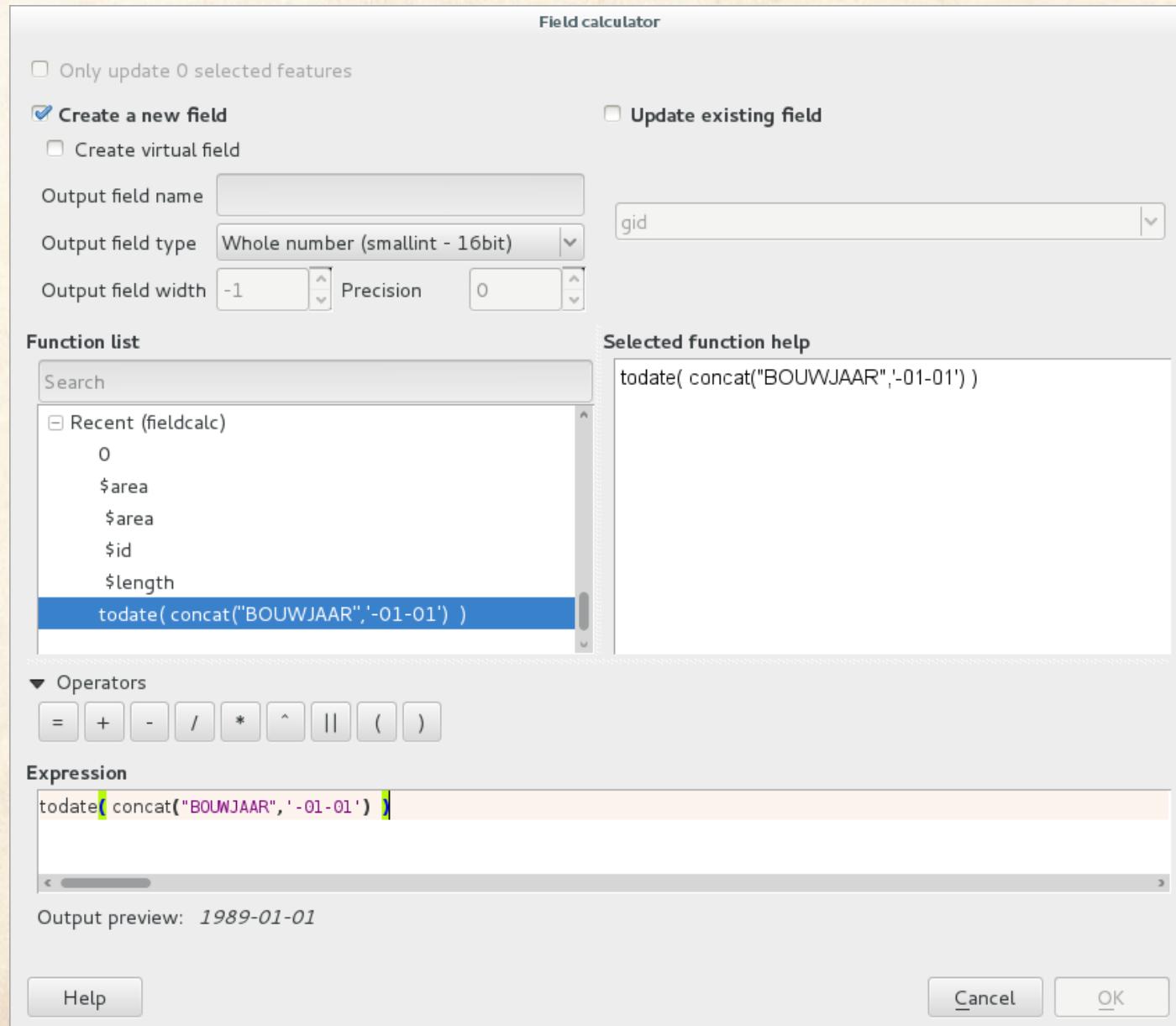


PDF:

- Print
- Server
(GetPrint)



Field calculator Veldberekening, Expressies



Joins (1:1) vs Relaties (1:n)

OUD

NIEUW

The 'Relations' tab is selected in the sidebar. A context menu is open over the 'Layers' icon in the toolbar, with options like General, CRS, Identify layers, Default styles, OWS server, Macros, and Relations.

Add relation dialog

Name	Referencing Layer (Child)	Referencing Field	Referenced Layer (Parent)	Referenced Field	Id
					[Generated automatically]

Buttons at the bottom right of the dialog: Cancel, OK.

GIS 2.6.0-Brighton - geobuzzproject6

Actions

PROVC 27
PROVC_NM Noord-Holland
INW_T 2536125

provplaats

LAATSNAAM	GEMNAAM	GEMCODE	PROVNAAM	PROVCODE	url
0 Alkmaar	Alkmaar	0361	Noord-Holla...	27	http://www....
1 Amstelveen	Amstelveen	0362	Noord-Holla...	27	http://www....
2 Amsterdam	Amsterdam	0363	Noord-Holla...	27	http://www....
3 Beverwijk	Beverwijk	0375	Noord-Holla...	27	http://www....
4 Blaricum/Lar...	Laren	0417	Noord-Holla...	27	http://www....
5 Bussum	Bussum	0381	Noord-Holla...	27	http://www....
6 Haarlem	Haarlem	0392	Noord-Holla...	27	http://www....
7 Heerhugow...	Heerhugowaard	0398	Noord-Holla...	27	http://www....
8 Helder, Den	Den Helder	0400	Noord-Holla...	27	http://www....
9 Hilversum	Hilversum	0402	Noord-Holla...	27	http://www....
10 Hoofddorp	Haarlemmermeer	0394	Noord-Holla...	27	http://www....
11 Hoorn	Hoorn	0405	Noord-Holla...	27	http://www....
12 Huizen	Huizen	0406	Noord-Holla...	27	http://www....
13 IJmuiden	Velsen	0453	Noord-Holla...	27	http://www....
14 Purmerend	Purmerend	0439	Noord-Holla...	27	http://www....
15 Velsen	Velsen	0453	Noord-Holla...	27	http://www....
16 Zaandam	Zaanstad	0479	Noord-Holla...	27	http://www....

Cancel OK

provplaats

- Bussum
- Haarlem
- Heerhugowaard
- Helder, Den
- Hilversum
- Hoofddorp
- Hoorn
- Huizen
- IJmuiden
- Purmerend

PLAATSNAAM Alkmaar
GEMNAAM Alkmaar
GEMCODE 0361
PROVNAAM Noord-Holland
PROVCODE 27
url <http://www.alkmaar.nl>

Cancel OK

Plugins

QGIS 77328b2 - nl2

File Edit View History Bookmarks Tools Help

QGIS Python Plugins Re... [+>](#)

plugins.qgis.org/plugins/?page=2

QGIS HOME ABOUT PLUGINS PLUGINS PLANET

Share a plugin

All plugins

398 records found — Click to toggle descriptions.

Name

- CADDigitize
- CSI WMS Legend
- CSW Client
- CadInput
- CadTools
- CalcArea
- Calculate field values using Py
- CartoDB Plugin
- Censuario
- Centroids Maker
- Chinese Postman Solver
- Circuitscape for Processing
- Click-Fu
- Clipper
- Closest Feature Finder
- Clusterpy - Spatially constrained clustering

All

Installed

Not installed

Upgradeable

Settings

Search

Geosud Toa Reflectance

Geotag and import photos

geoUmbriaSUIT

geovallevcvc

getWKT

GHydraulics

go2streetview

Google Maps Engine Connector

GPS Tools

Group Stats

Heatmap

HelloWorld

Hotlink

Html Image Map Plugin

HTP Geoprocessor

Hypsometry

IDECanarias

Image Boundary

ImportLayersFromProject

Improved Polygon Capturing

InaSAFE

interlis

Interpolation plugin

Intersect It

Uninstall plugin

Reinstall plugin

Close

Item Browser

Browse a multiple selection with highlighting of current feature.

7 rating vote(s), 12921 downloads

Tags: item browser, feature browser, multiple selection,browser,selection
More info: [homepage](#) [tracker](#) [code repository](#)

Author: [Denis Rouzaud](#)

Installed version: 2.3 (in /home/richard/.qgis2/python/plugins/itembrowser)
Available version: 2.3 (in QGIS Official Plugin Repository)

Name	Version	Rating	Downloads
Chinese Postman Solver	0.1	(0)	783
Circuitscape for Processing	0.1.1	(6)	780
Click-Fu	0.4.7	(0)	708
Clipper	0.1.1	(10)	5538
Closest Feature Finder	0.8	(4)	7652
Clusterpy - Spatially constrained clustering	1.0	(4)	2088

MetaSearch CSW plugin

The screenshot shows the MetaSearch CSW plugin integrated into a GIS application. The interface includes a toolbar at the top with various icons, a 'Layers' panel on the left listing 'autowegen' and 'natura2000' layers, and a map view showing a coastal area with a red star marker labeled 'Almere'. A search dialog is open in the center, displaying search parameters: 'Keywords pdok wegen', 'From National Georegister (Nederland)', 'Xmax 180', 'Ymax 90', 'Xmin -180', 'Ymin -90', and buttons for 'Set global', 'Map extent', and 'Search'. Below the search dialog, a 'Results' section shows a table with 10 of 19 results, listing services like 'National Wegen Bestand Wegen WFS' and 'National Wegen Bestand Wegen WM'. To the right, a 'Record Metadata' dialog is open for the first result, showing fields such as Identifier (f2437a92-ddd3-4777-a1bc-fdf4b4a7fcbb), Title (National Wegen Bestand Wegen WMS), Abstract (Het NWB-Wegen is een digitaal geografisch bestand van nagenoeg alle Vervoersnetwerken, transport, infoMapAccessService), and various other metadata fields like Creator, Contributor, Publisher, and Rights. A 'Links' section at the bottom of the metadata dialog shows a single link to 'nogWMS'.

PDOK Geocoder zo...

Layers

autowegen
natura2000

MetaSearch

Search Services Settings

Find

Keywords pdok wegen From National Georegister (Nederland)

Xmax 180 Ymax 90 Set global

Xmin -180 Ymin -90 Map extent Search

Results

Showing 1 - 10 of 19 results

Type	Title
service	National Wegen Bestand Wegen WFS
service	National Wegen Bestand Wegen WM
service	National Wegen Bestand Spoorwege
service	Basisregistratie Grootchalige Topogra
<<	<
Add WMS/WMPS	Add WFS

Help Close

Record Metadata

[View XML](#)

Identifier f2437a92-ddd3-4777-a1bc-fdf4b4a7fcbb

Title National Wegen Bestand Wegen WMS

Abstract Het NWB-Wegen is een digitaal geografisch bestand van nagenoeg alle Vervoersnetwerken, transport, infoMapAccessService

Subjects

Creator None

Contributor None

Publisher None

Contributor None

Modified None

Language None

Format None

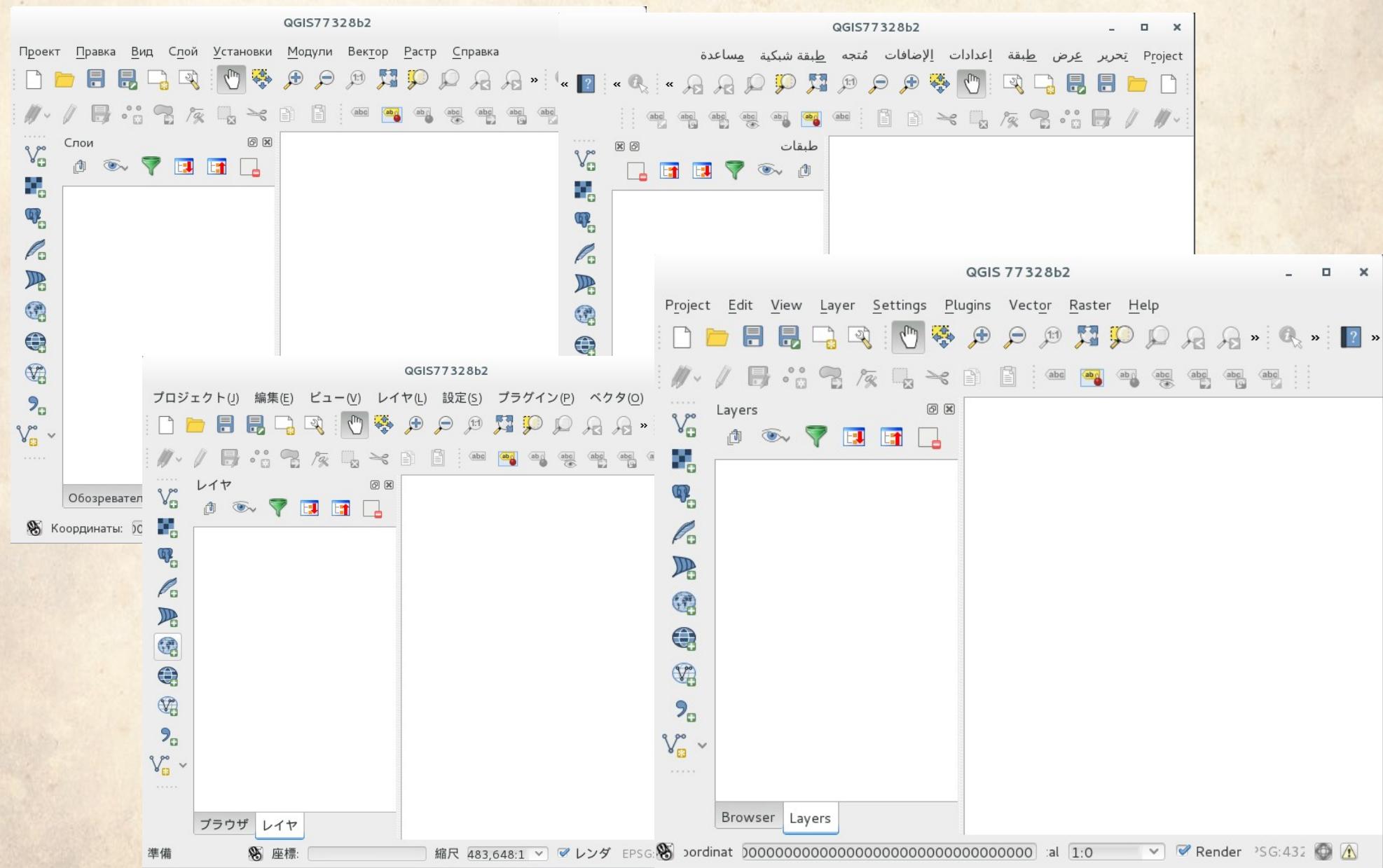
Rights otherRestrictions

Bounding Box ...

Links

nogWMS

QGIS vertalingen: [transifex.com](https://www.transifex.com/qgis/)



Internationaal !

Welkom bij het QGIS project! - Iceweasel

File Edit View History Bookmarks Tools Help

Kartenportal Jena Welkom bij het QGIS ...

qgis.org/nl/site/ ever composer

ONTDEK QGIS VOOR GEBRUIKERS HELP MEE DOCUMENTATIE Nederlandse taal

Tijd tot volgende release 2015/01/23 12:00:00 UTC 62d 19h 19m
Tijd tot volgende release 2015/02/20 12:00:00 UTC 90d 19h 19m

QGIS

Een vrij en open source geografisch informatiesysteem

Добро пожаловать

QGIS 2.6 Brighton has been released!

QGIS 2.6 uitgegeven

Verkrijgen... download QGIS 2.6 Brighton

Creëer, wijzig, visualiseer, analyseer en publiceer geografische informatie op je computer, server of in de browser.

Voor op je desktop, server, in je browser en als een applicatie.

Nu downloaden

Ver. 2.6 Brighton

OSGeo Your Open Source Compass

Создавайте, редактируйте, визуализируйте, анализируйте и публикуйте геопространственную информацию на BSD (в векторе и на Android)

Для вашего рабочего места, сервера, в вашем браузере и как библиотеки разработчиков.

Загрузить сейчас

Поддержать

Версия 2.6 Brighton

Пожертвуйте

 OSGeo Your Open Source Compass

 QGIS Trademark

Welcome to the QGIS project! - Iceweasel

File Edit View History Bookmarks Tools Help

Kartenportal Jena Welcome to the QGI... ever composer

qgis.org/km_KH/site/ ever composer

Time until feature freeze 2015/01/23 12:00:00 UTC 62d 19h 19m
Time until next release 2015/02/20 12:00:00 UTC 90d 19h 19m

ប្រព័ន្ធដំឡើងភាសាអង់គ្លេស

កម្ពុជានឹងប្រព័ន្ធដំឡើងភាសាអង់គ្លេសដែលតភកចិត្តផ្ទិនិងប្រកបរួមបៀវប៉ះហេង

QGIS 2.6 Released
Get it ... download QGIS 2.6

Time until feature freeze 2015/01/23 12:00:00 UTC 62d 19h 19m
Time until next release 2015/02/20 12:00:00 UTC 90d 19h 19m

خوش آمدید به پروژه کوانتوم جی ای اس

File Edit View History Bookmarks Tools Help

Kartenportal Jena ... به پروژه کوانتوم جی ای اس

qgis.org/fa/site/ ever composer

Time until feature freeze 2015/01/23 12:00:00 UTC 62d 19h 19m
Time until next release 2015/02/20 12:00:00 UTC 90d 19h 19m

کوانتم جی ای اس

یک سیستم منبع آزاد و باز اطلاعات جغرافیایی

ပەزىز كەنەپە بەلۇن ئۆتكەن دى

سەپارا

କୌଣସି

Version:

QGIS 2.6 Released
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اینچه، پیرافت، تجمیع، تجزیه و تحلیل و منتشر نمائی اطلاعات در همه ویندوز، هاب، لینوکس، BSD (اندروید به زودی)
برای همیشگار شما و سرور شما در هر دو قدر هست و بوسیله تنها خانه ها

دانلود کنید

شنسنی کوانتم جی ای اس

Version 2.6 Brighton

کلک کنید!

 OSGeo Your Open Source Compass

 QGIS Trademark

Learn about QGIS trademark

Documentatie: <http://docs.qgis.org>

4.3. Lesson: Classificatie – Iceweasel

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Documentation 4.3. Lesson: Classificatie +

docs.qgis.org/2.2/nl/docs/training_manual/vector_classification/classification/lesson_4.html?nederlandse_vlagge=QGIS%20Trainingshandleiding%20-%204.%20Module%3A%20Vectorgegevens%20classificeren

Nederlands

DOCUMENTATION QGIS 2.2

vorige | volgende

INHOUD

USER GUIDE/MANUAL (QGIS 2.2)
USER GUIDE/MANUAL PDF'S
PYQGIS COOKBOOK (QGIS 2.2)
DOCUMENTATION GUIDELINES
A GENTLE INTRODUCTION IN GIS
TRAININGS MANUAL

1. Introductie voor de cursus
2. Module: De interface
3. Module: Een basiskaart maken
4. Module: Vectorgegevens classificeren

4.1. Lesson:
Attributengegevens
4.2. Lesson: Het
gereedschap Label

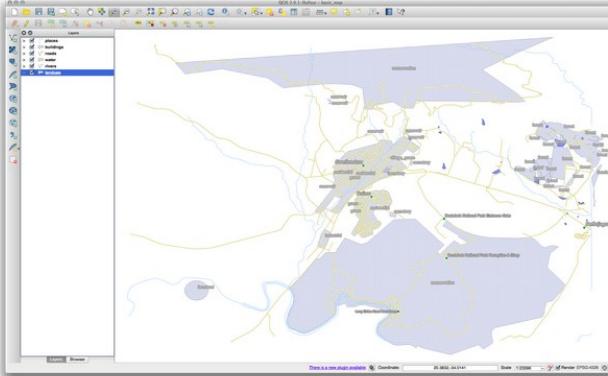
4.3. Lesson: Classificatie

5. Module: Kaarten maken
6. Module: Vectorgegevens maken
7. Module: Vectoranalyse
8. Module: Rasters
9. Module: De analyse
completeren
10. Module: Plug-ins
11. Module: Online bronnen
12. Module: GRASS
13. Module: Beoordeling
14. Module: Toepassing Bosbouw

4.3.1. Follow Along: Nominal

4.3. Lesson: Classificatie

Labels zijn een goede manier om informatie te communiceren, zoals de namen van individuele plaatsen, maar zij kunnen niet overal voor worden gebruikt. Laten we bijvoorbeeld zeggen dat iemand wil weten waar elk gebied van *landuse* voor wordt gebruikt. Met behulp van labels zou u dit krijgen:



Dit maakt het labelen van de kaart moeilijk te lezen en zelfs overweldigend als er onnoemelijk veel verschillende gebieden voor het gebruik van land zijn op de kaart staan.

Het doel voor deze les: Leren om vectorgegevens effectief te classificeren.

Integratie van GRASS GIS – Iceweasel

RASS... +

Integration/grass_integ nederlandse_vlagge QGIS 2.2

Nederlands

Integratie van GRASS GIS

De plug-in GRASS verschafft toegang tot GRASS GIS-databases en functionaliteiten (zie GRASS-PROJECT in [Verwijzingen naar literatuur en web](#)). Dit omvat het visualiseren van GRASS raster- en vectorlagen, digitaliseren van vectorlagen, bewerken van attributen van vectors, maken van nieuwe vectorlagen en analyseren van GRASS 2D- en 3D-gegevens met meer dan 400 modules voor GRASS.

In dit gedeelte zullen we de functionaliteiten van de plug-in introduceren en enkele voorbeelden geven van het beheren en werken met gegevens voor GRASS. De volgende belangrijkste mogelijkheden worden verschafft door het menu van de werk balk als u de plug-in GRASS start, zoals beschreven in het gedeelte [sec_starting_grass](#):

- Mapset openen
- Nieuwe mapset
- Mapset sluiten
- GRASS-Vectorlaag toevoegen
- GRASS-Rasterlaag toevoegen
- Nieuwe GRASS vector maken
- GRASS-Vectorlaag bewerken
- GRASS-gereedschap openen
- Huidige GRASS-regio weergeven
- Huidige GRASS-regio bewerken

De plug-in GRASS starten

U moet de plug-in GRASS selecteren en laden met Beheer en installeer plugins om

Meer?

<http://qgis.org>

<http://qgis.nl> ← nederlandstalig blog: zoekt schrijvers

<http://planet.qgis.org>

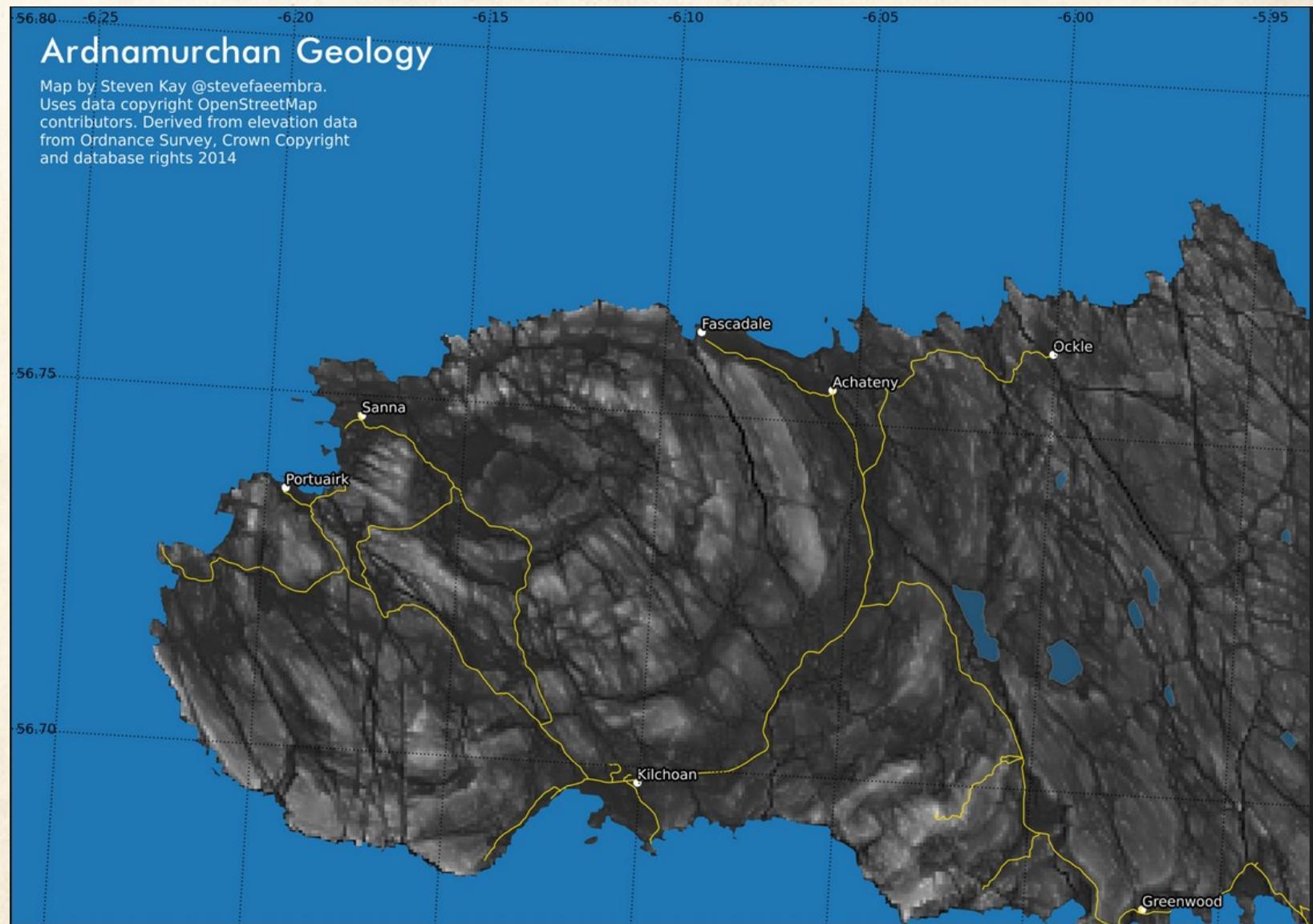
Mailinglijsten, GIS Stack-Exchange, IRC

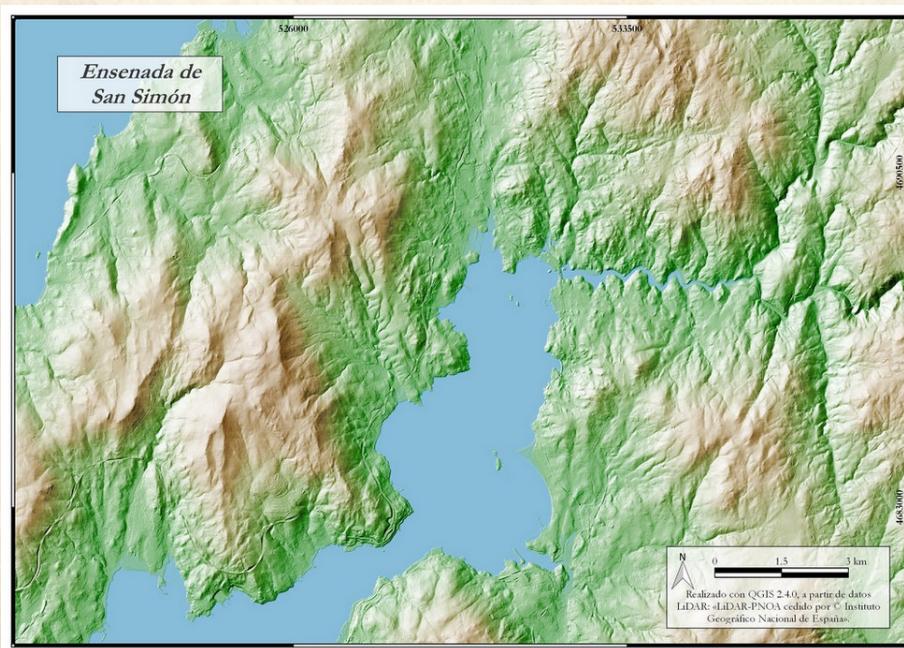
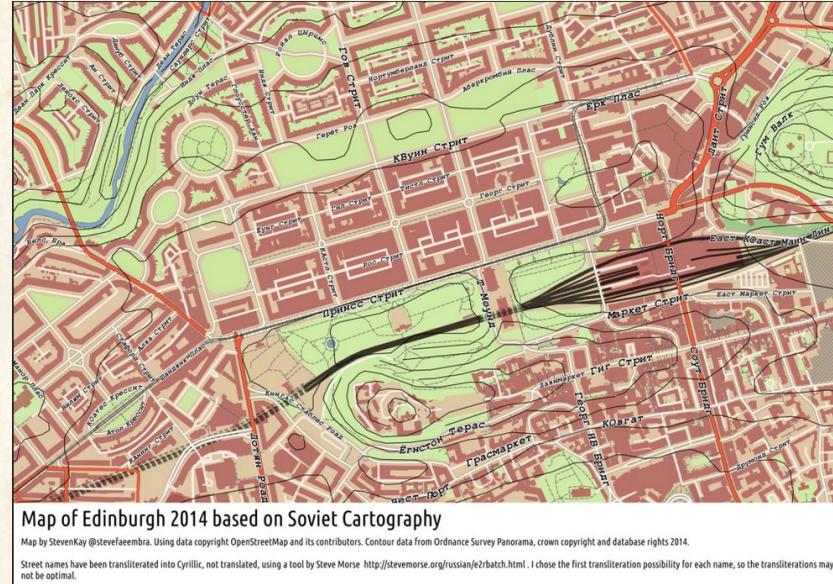
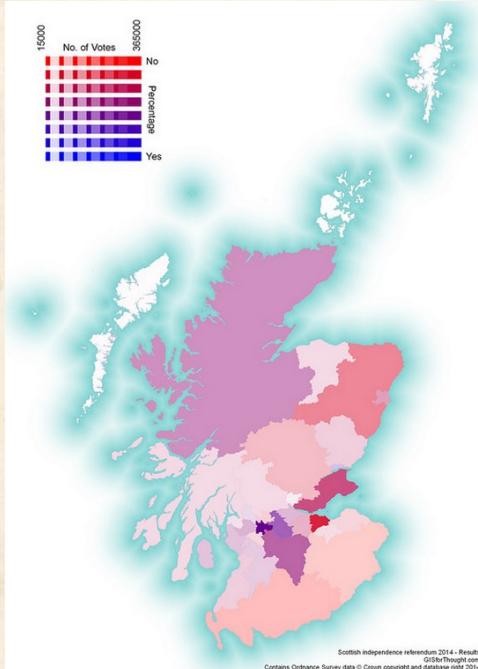
richard@qgis.org (QGIS / FOSS pet op)

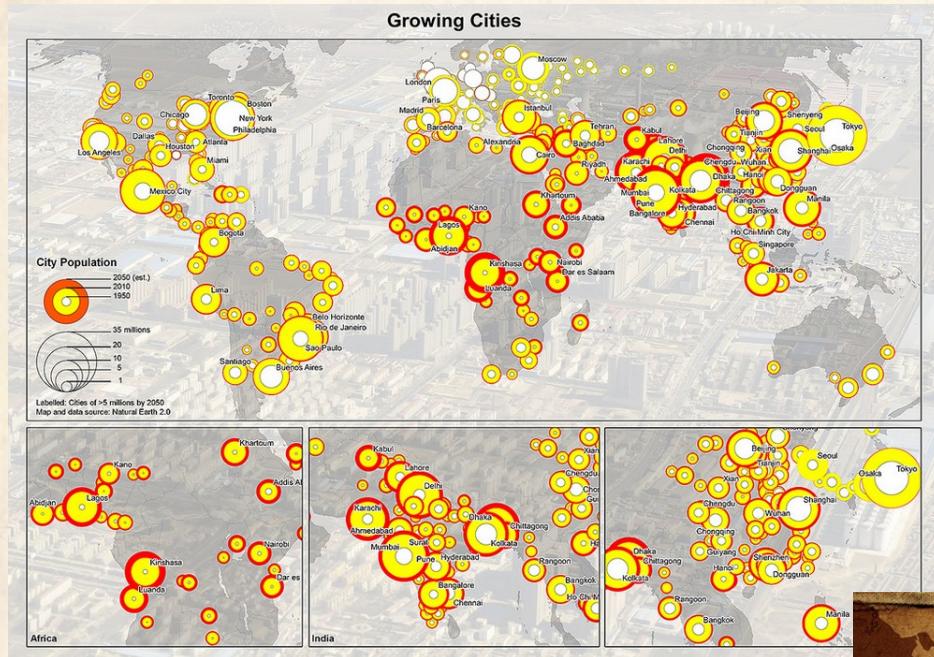
richard@zuidt.nl (dan spreek je met mij)

Rest van de dag aanwezig (OpenGeoGroep tafel)

Stickers







<https://www.flickr.com/groups/qgis/pool/> (of via voorpagina qgis.org)