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# OSGeo.nl en OSM NL Nieuwjaarsborrel 2020

Cafe Dudok - Hilversum - 12 jan 2020

## Goud sponsors



## Zilver sponsors



Uw logo hier?

## Brons sponsor



Verder:

- Meetup OSGeoNL door WebMapper
- [OSGeo.nl](http://OSGeo.nl) website en hosting: Ron Wardenier

# OSGeo.nl Missie

*Stimuleren gebruik en ontwikkeling  
van open source software  
voor geo-informatie in het  
Nederlandse taalgebied.*

*Slogan: "Wegwijs in Open Geo"*

# Bestuurszaken!

We Zoeken:

**Just van den Broecke - voorzitter**

**Barend Köbben - penningmeester**

**Paulo van Breugel - secretaris**

**JIJ - marketing & communicatie**



# Terugblik 2019



# Nieuwjaarsborrel



2019: 13 jan

# 18 april 2019 - Workshop: Docker voor Geo Ontwikkelaars - door OSGeo.nl en Merkator

Events

docker, osgeonl



Just\_OSGeo OSGeo

2 mrt. '19



mrt.

Slechts 12 plaatsen beschikbaar: geef je op [via deze link op EventBrite](#) 19.



# Merkator

## docker4gis

Quickly pull up a stable baseline for your Geographical Information System, by extending some of the Docker images for common GIS components:

- PostGIS database
- GeoServer for maps
- Postfix mailserver
- Cron for system tasks
- Elm Single Page App server
- Glassfish Java API server
- Reverse Proxy
- Docker registry

mrt.



Enjoy having exactly the same setup on each server and development environment.

Set up a new environment by copying a 10-line script, setting 5 environment variables, and issuing a 1-word command.

Migrate each environment to the next release by issuing the same 1-word command, adding the version number.



# FOSS4GNL 2019



<https://foss4g.nl/>

The page displays a grid of speaker portraits and abstract background images. The speakers are listed in two rows:

- Row 1:**
  - ATHINA TRAKAS: Opening keynote
  - EDZER PEESMA: Keynote
  - LENE FISCHER: Afsluitende Keynote
  - TOM VANTILBURG: Terabytes aan wegdata in je database. Wat doe je ermee?
- Row 2:**
  - HANS VAN DER KWAST: QGIS plugins for hydrology
  - RAYMOND NIJSSEN: Effe QGIS naar het Nederlands vertalen...
  - ERIK MEERBURG: Wat we van esri kunnen leren...
  - MARCO DUIKER: LandGoed QGIS-NL: Meer dan de som der delen
- Row 3:**
  - MIRIAM LEUNISSEN: Browser-based mapping with D3.js and deck.gl for interactive exploration &...
  - MARTIJN KESSLER: GeoFiction & Roadmapping
  - WILLY TADEMA: Dashboard prototyping in R
  - GENNADIE DONCHYTS: Getting the most out of Google Earth Engine
- Row 4:**
  - ERNA OUDMAN: Wat doet een aannemer met Open Source GIS?
  - EDWARD MAC GILLAVRY: Cartiqo: 10 jaar geo-kennis in 1 kaartservice
  - ROB VAN LOON: Geo bij stembureau, verkiezingsuitslagen en andere open data
  - PAUL VAN GENUCHTEN: Het einde van catalogi of hoe OGC-API's het geo landschap gaan veranderen.
- Row 5:**
  - RAYMOND SLUITER: Earth Observation beyond Google Earth Engine
  - JUST VAN DEN BROECKE: pygeoapi: Python implementatie van de OGC WFS v3 standaard
  - ROB VAN LOON: Open Source helpt Natuurgebieden
  - MARIJKE PANIS: QGIS voor humanitaire hulp
- Row 6:**
  - MIJNEN VRIELINK: Discussion Ready Data: how state of the art Remote Sensing services contribute to...
  - NIENE BOEIJEN: How to make a crafty Vector Tile map: Custom tiles, the perfect sprite, animatin...
  - STEVEN OTTENS: Cartiqo: Building a national vector tile set for the Netherlands
  - ENGLAN: Accurate, Detailed and Automatic Tree Modelling from Point Clouds



58 deelnemers uit NL  
op FOSS4G 2019 Boekarest

## Participants distribution



Country	Participants
Romania	147
Germany	71
Netherlands	58
United States of America	57
United Kingdom	47
France	42
Finland	42
Italy	40
Greenland	38
Denmark	38
Norway	35
Switzerland	31
South Korea	30
Czechia	30
Sweden	21
Belgium	21
Canada	17
Poland	16
Australia	16
Spain	15
Croatia	15
Turkey	14
Kenya	12
Estonia	12
Austria	11
Slovakia	10
Portugal	10
Japan	10
Israel	10

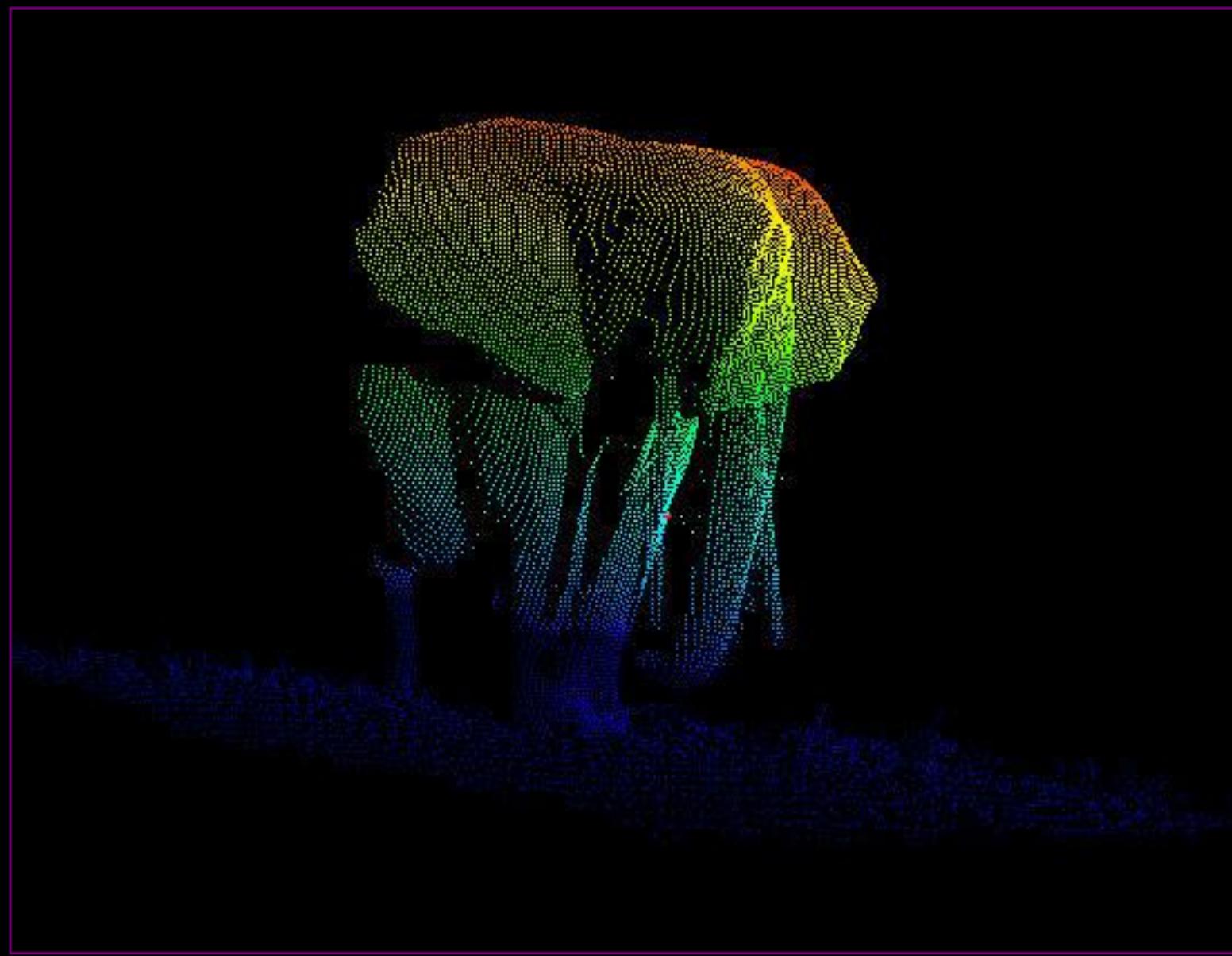
Country	Participants
Serbia	6
Russia	6
Luxembourg	6
India	6
Ukraine	5
South Africa	5
Latvia	5
Hungary	5
Colombia	5
Tanzania	4
Moldova	4
Ireland	4
Greece	4
Bulgaria	4
Argentina	4
Uganda	3
Nigeria	3
Lithuania	3
Iceland	3
Albania	3
Zambia	2
S. Sudan	2
New Zealand	2
Côte d'Ivoire	2
Bosnia and Herz.	2
Bangladesh	2
Venezuela	1
United Arab Emirates	1
Tunisia	1

Country	Participants
Senegal	1
Saudi Arabia	1
Rwanda	1
Pakistan	1
Oman	1
Mexico	1
Malaysia	1
Malawi	1
Kosovo	1
Kazakhstan	1
Jamaica	1
Iran	1
Indonesia	1
Ghana	1
Fiji	1
Ethiopia	1
Congo	1
China	1
Brazil	1
Belarus	1



# Post GIS day!

14 November 2019  
Amsterdam (WCW at Science park)



## Programma \*

09:30-10:00 welcome  
10:00-12:00 unconference  
12:00-13:00 lunch  
13:00-16:00 unconference  
16:00-17:00 drinks

## Target audience:

PostGIS powerusers

*\*Preliminary program*

## Subject suggestions:

Suggested topics  
Postgres 12 & Postgis 3  
3D functions with CGAL  
pgPointCloud  
4D time functions  
Parallel computing  
TimescaleDB  
Column storage

## Sign up?

[steven](#)  
[tom](#)

## Sponsors

Venue: [eScience Center](#)  
Coffee and lunch: [Geodan](#)  
Drinks: [DAT.mobility](#)  
Interested? mail [us](#)

# 20 nov 2019 - Oprichting QGIS Gebruikers NL

## Agenda

Algemene vergadering 20 november 2019

### 1. opening

De voorzitter zal deze feestelijke eerste vergadering openen en iedereen van harte welkom heten.

### 2. mededelingen

Met name over de oprichting, het verloop, de notaris en andere logistieke zaken.

### 3. beleid (toelichting)

Bij wijze van mededeling (met mogelijkheid voor vragen) wordt het beleid voor de vereniging gepresenteerd. Verwacht geen uitgeschreven versie met strategische visie.

Het doel van de vereniging is geformuleerd als: *Gebruikers van QGIS samen te brengen voor kennisdeling, het bijdragen aan de ontwikkeling van QGIS, en meer in het algemeen het gebruik van QGIS in Nederland te stimuleren.*

Uitgaande van de vereniging als een *doe-ocratie* wordt dit ingevuld door de leden.



# geoforum.nl plm 1300 leden!

## (plm 300 in juni 2018)

geoforum.nl

GEOforum  
powered by pdok

Alle categorieën ► Categorieën Nieuwste Nieuw Ongelezen (5) Top + Nieuw topic

Categorie	Topics	Nieuwste
<b>Datasets</b> Heeft u hulp nodig bij of vragen over het gebruik van één van de vele (open) datasets die in Nederland beschikbaar zijn? Stel ze hier.  <a href="#">BGT</a> <a href="#">BAG</a> <a href="#">BRT</a> <a href="#">BRK</a> <a href="#">AHN</a> 1 ongelezen <a href="#">BGT mutaties</a> <a href="#">Vector Tiles</a> <a href="#">BRO</a> <a href="#">Sensordata</a> <a href="#">Luchtfoto's</a> <a href="#">Ruimtelijke Plannen</a>	544 2 ongelezen	 Proj 6.2.1 & 28992 herprojecteren 6 <a href="#">Toepassingen</a> 1d
<b>Toepassingen</b> Hier kunt u vragen stellen en kennis delen rond applicaties, diensten en initiatieven die vaak gebruik maken van meerdere Datasets.  <a href="#">LocatieServer</a> <a href="#">Nationaal Georegister</a> <a href="#">PDOK Kaart</a> <a href="#">Terugmeldvoorzieningen</a> <a href="#">NL Maps</a> 1 ongelezen <a href="#">PDOK Website en Viewer</a> <a href="#">QGIS</a> <a href="#">GeoNetwork</a> <a href="#">OpenTopo</a>	306 1 ongelezen	 BGT bèta services WMS en WFS niet meer beschikbaar 11 <a href="#">BGT</a> 2d
<b>Standaarden</b> Hier kunt u vragen stellen en kennis delen rond (het gebruik van) geo-standaarden, met name de OGC standaarden.	15 1 ongelezen	 Hoe kan ik de verborgen kolom met feature id's (\$id) vanuit pyQGIS benaderen? 1 <a href="#">QGIS</a> 2d
<b>Organisaties</b> Hier vinden instellingen, stichtingen, verenigingen en/of groeperingen een plek. Iedere organisatie heeft eigen sub-categorie.	46	 Meerdere features selecteren in 1 pagina met de atlas 11 <a href="#">QGIS</a> 2d
<b>Events</b> Hier kunt u geo-bijeenkomsten delen en vinden. Denk aan meetups, conferenties, hackathons, etc. Geef naam event en datum in titel voor duidelijkheid.	43	 Alle adressen uit een straat opvragen 2 <a href="#">BAG</a> 3d

 WFS verkeersscheidingsstelsel niet conform INSPIRE? 5  
[Datasets](#) 3d

 Bèta versie BGT WMS en WFS beschikbaar via PDOK 37  
[BGT](#) 3d

 Services Geluidskaarten nu opgesplitst 1  
[Datasets](#) 4d

Wethouder Vonteweg 134a in Gouda staat dubbel in



# Naar 2019



# 2019 - OSGeo.nl - Plannen

- FOSS4G-NL samen met QGIS Dag 2020?
- OSGeo GeoPython SIG en Workshop?
- Meer hacking/workshop/hands-on events
- Communicatie: Nieuwsbrief en/of ...?



# 2020 - Events - Elders

- 1-2 feb - FOSSDEM '20 met Geospatial devroom - Brussel
- 11-14 mrt - FOSSGIS-Konferenz 2020 - Freiburg (Dld)
- 25-29 mei - [OSGeo.org](http://OSGeo.org) Code Sprint Athene
- 13-18 juli - FOSS4G Europe 2020, July 13-18 (?) in Valmiera, Letland
- 27-31 juli - GeoPython 2020 - Bilbao (ES) - <http://2020.geopython.net>
- 24-29 aug - FOSS4G 2020 - Calgary Canada !



**Wat wil jij dat  
OSGeo.nl in 2020  
Gaat Doen?**





Dank

# Nieuwjaarsborrel OSGeo.nl OpenStreetmap NL Bovenzaal

geeksforgeeks.org/python-fastest-growing-programming-language/

# GeeksforGeeks

A computer science portal for geeks

Tutorials ▾ Students ▾ Courses

Geek Week – Celebrate The Biggest Programming Festival With GeeksforGeeks

Is it okay to be an Average Student?

5 Mistakes That Every Engineering Student Must Avoid

5 Most Difficult Programming Languages of the World

I don't like Coding. What should I do to Get a Job in IT?

Career Paths For Software Developers and Programmers in 2019

Live Classes for Data Structures and Algorithms: Interview Preparation Focused Course

How to Become A Successful Java Developer?

What is Competitive Programming and How to Start with It?

## Python – Fastest Growing Programming Language

There was a time when the word "Python" meant a particularly large snake but now it is a programming language that is all the rage!!! According to the [TIOBE Index](#), Python is the fourth most popular programming language in the world currently and this extraordinary growth is only set to increase as observed by [Stack Overflow Trends](#). So the question arises...Why is Python the Fastest Growing Programming Language?



The image features the Python logo (a blue and yellow interlocking snakes icon) on the left. To its right is a large, stylized white arrow pointing upwards, with the word "PYTHON" written vertically along its shaft in yellow capital letters. The background is a light teal color with diagonal stripes.

Well, there are many factors that contribute to the success of Python. One of these is its popularity in web development. Many top companies such as Google, Facebook, Mozilla, Quora, etc. use Python Web Framework. Another well-known factor for the rapid growth of Python is its use in Data Science. But let's study all these factors in detail to understand the popularity of Python and its future growth.

[View on GitHub](#)

# geopython.github.io

## geopython



geopython is a GitHub organization comprised of [Python](#) projects related to geospatial.

### [Presentation on Geopython projects](#)

- [OWSLib](#)
- [pycsw](#)
- [PyWPS](#)
- [pygeometa](#)
- [MetaSearch](#)
- [GeoHealthCheck](#)
- [MapSlicer](#)
- [CadTools](#)
- [Stetl](#)
- [pygeoapi](#)
- [Doing Geospatial in Python \(workshop\)](#)

Also join us on [Gitter](#) or [irc://freenode.net/#geopython](#) or the [mailing list](#).

For more geospatial projects, check out the [Toblerity Project](#).



jupyter 01-introduction (unsaved changes)

File Edit View Insert Cell Kernel Widgets Help Trusted Python

Visit repo Copy Binder

Run C Markdown

## Doing Geospatial in Python

Version: 1.0, 2019-08-23



With a low barrier to entry and large ecosystem of tools and libraries, [Python](#) is the lingua franca for geospatial development. Whether you are doing data acquisition, processing, publishing, integration or analysis, there is no shortage of solid Python tools to assist in your daily workflows.

This workshop will provide an introduction to performing common GIS/geospatial tasks using Python geospatial tools such as OWSLib, Shapely, Fiona/Rasterio, and common geospatial libraries like GDAL, PROJ, pycsw, as well as other tools from the geopthon toolchain. Manipulate vector/raster data using Shapely, Fiona and Rasterio. Publish data and metadata to OGC web services using pygeoapi, pygeometra, pycsw, and more. Visualize your data on a map using Jupyter and Folium. Plus a few extras in between!

The workshop is provided using the Jupyter Notebook environment with Python 3.

### Table of contents

1. [Introduction](#)
2. [Geometry](#)
3. [Spatial Reference Systems](#)
4. [Vector data](#)
5. [Raster data](#)
6. [Data analysis](#)
7. [Visualization](#)
8. [Metadata](#)
9. [Publishing](#)
10. [Remote Data](#)
11. [Emerging Technology and Trends](#)
12. [Conclusion](#)

<https://geopthon.github.io/geopthon-workshop/>

# GeoPython Workshop FOSS4G 2019



# <https://gitter.im/geopython/Lobby>

ALL CONVERSATIONS

- OGC WFS\_FES
- pygeoapi
- geopython
- geopython-workshop
- geopython
- Christian Mayer
- Wegue
- GeoHealthCheck
- geopython/OWSLib
- Jorge Samuel Mendes de ...
- Luís de Sousa
- Tom Kralidis
- NLExtract
- Chris Holmes
- Mary Bucknell
- Clemens Portele
- mangol\_official
- OGC API-Hackathon-2019
- geopython/stetl
- Raymond Nijssen
- wfs3-experiments
- Thijs Brentjens

Tom Kralidis @tomkralidis Jan 07 20:56  
does window take geographic coords though?

Jorge Samuel Mendes de Jesus @jorgejesus Jan 07 21:14  
Should only be

Just van den Broecke @justb4 Jan 07 21:49  
@tomkralidis hope I understand correctly, slicing out a rectangle from a raster based on geo-coords? With CLI I would use [gdal\\_translate](#), possibly there is a way via Python API.

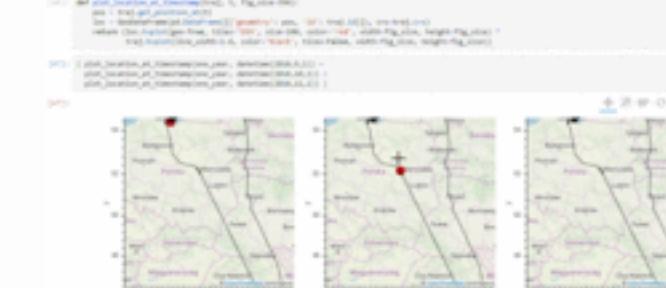
Tom Kralidis @tomkralidis Jan 07 21:57  
thanks [@justb4](#) and [@jorgejesus](#). Use case is using rasterio for pygeoapi coverage implementation

Jorge Samuel Mendes de Jesus @jorgejesus Jan 07 22:11  
<https://gis.stackexchange.com/questions/299787/finding-pixel-location-in-raster-using-coordinates>  
you need to convert the lat,lon coordinates into X,Y (have code somewhere for it) but the link above uses rasterio  
and is simpler  
(check the solution below)

Tom Kralidis @tomkralidis Jan 08 17:17  
thanks. Is it me or should the concept of clipping a raster by geographic coords be simpler?

Just van den Broecke @justb4 Jan 08 18:14  
@tomkralidis from the docs found [rasterio.windows.from\\_bounds](#).

Anita Graser @anitagraser Jan 08 19:26  
Happy new year!  
Thought I'd share some MovingPandas samples with you: <http://exploration.movingpandas.org>

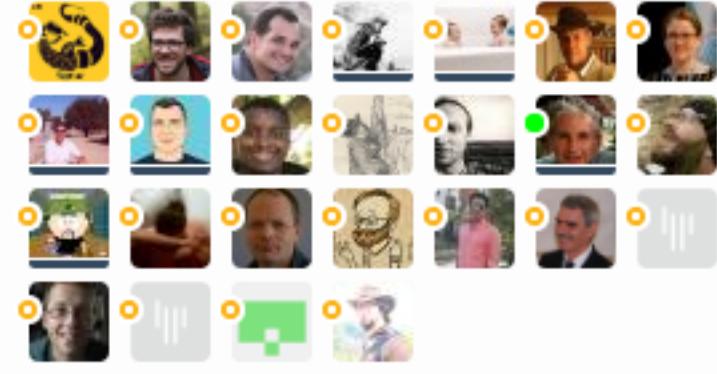


Tom Kralidis @tomkralidis Jan 08 20:26  
@just I did pixel indexing which worked but from\_bounds seems easier. Thanks.

Jorge Samuel Mendes de Jesus @jorgejesus Jan 11 13:13  
@anitagraser Nice :)

Click here to type a chat message. Supports GitHub flavoured markdown.

PEOPLE



ADD DETAILS

ACTIVITY

We haven't seen any activity yet.

Configure your integrations →