www.osgeo.org

OSGeo

Annual General Meeting 2020

Open Source Geospatial Foundation

2020
Annual General Meeting

Open Source Geospatial Foundation

Introduction 2020

Empower everyone with open source geospatial

- OSGeo is a **not-for-profit software** foundation
  - Provides projects financial, organizational and legal support
- **Outreach and advocacy**
  - Promoting global adoption of open source geospatial technology
  - Partnerships on open approach to standards, data and education.
- OSGeo is a **volunteer** driven
  - Passionate membership of individuals from around the world.

Open Geospatial

- Working with our partners:

  - **Open Source:** a collaborative approach to software development

  - **Open Data:** freely available information to use as you wish

  - **Open Standards:** avoid lock-in with interoperable software

  - **Open Education:** Removing the barriers to learning and teaching

  - **Open Science:** Share data and software for responsible research

OSGeo Status Overview

Open, free membership:

454 *7/09/2020* elected **charter members** (+33)

developers, activists, advocates, distribution by year, region and country http://bl.ocks.org/jsanz/raw/779f9b9954b92461fa50/ (see animated gif)
Thanks to Jorge Sanz for the graphics

1276 *7/09/2020* members on website (+362)

358391/09/2020 OSGeo mailman server unique subscribers (+2019)

Source: M Neteler's monthly cronjob

OSGeo Status Overview

Projects: osgeo.org/projects/

- OSGeo projects:
  - 21 projects
  - PROJ is a new OSGeo project ← congrats!
  - Project status outreach from board
    - 4 projects moved to Community status (lack of PSC etc...)
- Community projects
  - 24 community projects
  - **2 new community projects** in 2020

Local Chapters: osgeo.org/local-chapters/

- New regional chapter Kosovo

OSGeo Status: Sponsors Overview

Sponsors

Active [sponsor](#) program, recognizes financial support across activities, projects and events

Update: New [options for recurring sponsors](#)

Update: Clear table of benefits

Sponsorship	Diamond	Platinum	Gold	Silver	Bronze
Website sponsorship page logo	450 x 450	400×400	300×300	250×250	200×200
Website sponsorship page text	page	paragraph	—	—	—
Website footer logo	included	included	included	included	—
OSGeo marketing materials placement	logo	logo	—	—	—
OSGeo booth placement	logo	logo	—	—	—
FOSS4G booth selection	first	included	included	—	—
Sponsorship announcement	press release	blog post	blog post	blog post	—
About OSGeo placement	included	included	—	—	—
OSGeo Board meeting	included	included	included	—	—
OSGeo Partners and Guests Networking event	included	included	included	included	—
OSGeo Sponsorship Logo	diamond	platinum	gold	silver	bronze

Supported by sponsors worldwide

Open Source Geospatial Foundation

OSGeo Status: Partners

Partners with MoU

14 MoUs see wiki for full names and links:
https://wiki.osgeo.org/wiki/MOU_OSGeo_All

AGU, AGILE, US DoI, OGC, LH Corp, ICA, ISPRS, UCGIS, IGU, STP India, TIB, GLTN, YouthMappers, UNIGIS

- Update planned with UCGIS, contributions to UCGIS GIST Body of knowledge
- New MoU discussed: International Association for the Study of the Commons
- More about OGC and ISO TC211 partnership in the Board section

OSGeo Status Overview

Board of directors:

Officers:

➔ President Angelos Tzotsos
➔ Vice-Presidents Helena Mitasova, Vicky Vergara, Victoria Rautenbach, Codrina Maria Ilie
➔ Secretary Astrid Emde
➔ Treasurer Michael Smith
➔ Chief Returning Officer - Elections
➔ OSGeo Committees (including OSGeo Projects)

OSGeo Board

Annual report from the Board of Directors

Open Source Geospatial Foundation

OSGeo in 2020 - Board meetings

- Report by Chair Till Adams

- Board meeting more than once per month (2019, 2020)

- Many F2F meetings through Jitsi board channel

- COVID-19 response (reviewed budget, many FOSS4G related meetings)

- Gitea issue tracker used to track board action items https://git.osgeo.org/gitea/osgeo/todo/issues

- Motions on Loomio

OSGeo in 2020 - Treasurer Report

- Report by Treasurer Michael Smith

- Current Bank Balances
  - $ 260,200 (€ 220,276) - 24000 in €,
  - OSGeo has Euro account now

- OSGeo Budget 2020 established in January 2020
  - Helps plan spending with our projects and committees
  - $220,000 USD Budget, well ahead of spending
  - YTD - $77,974 (usd) paid out
    (Projects, Awards, Code Sprints, OSGeo expenses)
  - 2021 FOSS4G seed funding and 2020 FOSS4G Cancellation included

OSGeo in 2020 - Treasurer Report

Financial Guidance Document
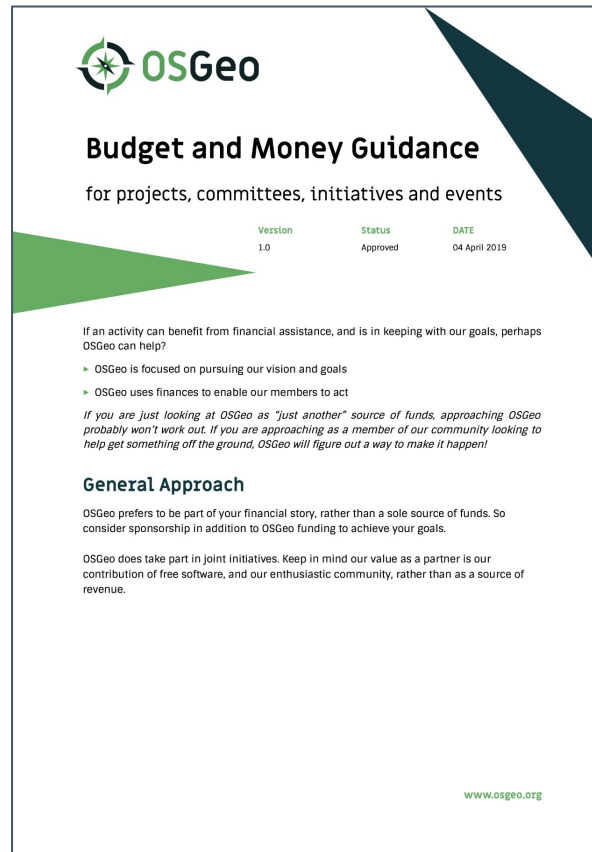
OSGeo in 2020 - Secretary report

- Report by Secretary Astrid Emde

- Update Wiki page https://wiki.osgeo.org/wiki/Secretary

- 34 new Contributor License Agreements (CLA)

  - Especially GeoNode, GeoServer, GeoTools

- No more Memorandum of Understanding were signed (MoU)

Chief Returning Officer

[Charter Members](#) list

- List on website

Chief Returning Officer 2019

- CRO: Jorge, Anne
- 38 nominations
- 33 new charters

Participation

- Total active charter members   423
  - Total participation   174
  - Total non participation   248
  - Members that did not receive a ballot   1

Charter Members

- 428) Ana Leticia M. (2019) United States of America
- 429) Andi Lazăr (2019) Romania
- 430) Andrea Trovant (2019) Argentina
- 431) Antonio Cerciello (2019) Netherlands
- 432) Peteris Bruns (2019) Latvia
- 433) Carmen Tawalika (2019) Germany
- 434) Cristina Vrînceanu (2019) Romania
- 435) Cécile Le Calvez (2019) France
- 436) Daniel Ormsby (2019) United Kingdom
- 437) Daniel Santillan (2019) Austria
- 438) Daniel Silk (2019) New Zealand
- 439) Dennis Bauszus (2019) United Kingdom
- 440) Dimitris Karakostis (2019) Greece
- 441) Edoardo Neerhut (2019) Australia
- 442) Felipe Barros (2019) Brazil
- 443) Fiona Hemsley-Flint (2019) Scotland
- 444) Hennessy Becerra (2019) Mexico
- 445) Ion Nedelcu (2019) Romania
- 446) Ionut Ungurianu (2019) Romania
- 447) Ivana Ivanova (2019) Australia
- 448) Julia Wagemann (2019) Italy
- 449) Mahdi Farnaghi (2019) Iran
- 450) Marius Budileanu (2019) Romania
- 451) Narcélio de Sá (2019) Brazil
- 452) Olimpia Copăcenaru (2019) Romania
- 453) Razmjooel Saber (2019) United Kingdom
- 454) Robert Coup (2019) United Kingdom
- 455) Ross McDonald (2019) Scotland
- 456) Seth Girvin (2019) Ireland
- 457) Sylvain Beorchia (2019) France
- 458) Tom Armitage (2019) United Kingdom
- 459) Romel Vazquez Rodriguez (2019) Cuba
- 460) jiyoon kim (2019) South Korea

OSGeo in 2019 - Board Elections

Review of 2019
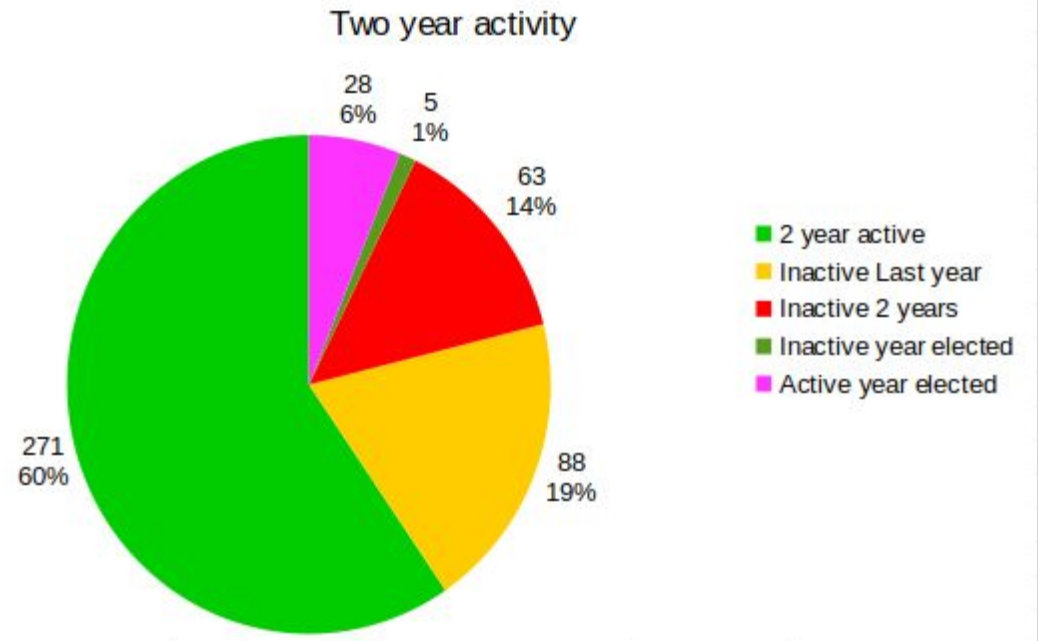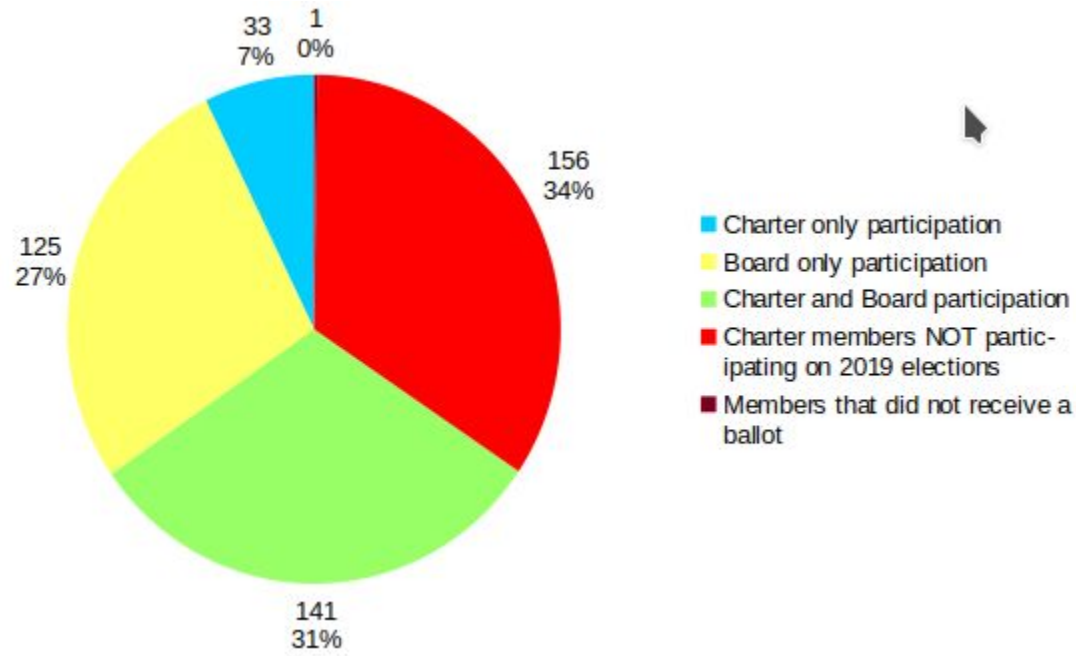
- CRO: Jorge, Anne Ghisla

Board elections

- Total active charter members   456
- Total participation   266
- Total non participation   189
- Members that did not receive a ballot 1

Get ready for 2020

- Manual for CRO operations
- CRO committee:
  - Jorge Gustavo Rocha
  - Anne Ghisla

Voting Activity Statistics

- ■ Charter only participation
- ■ Board only participation
- ■ Charter and Board participation
- ■ Charter members NOT partic-
  ipating on 2019 elections
- ■ Members that did not receive a
  ballot

Two year activity

- ■ 2 year active
- ■ Inactive Last year
- ■ Inactive 2 years
- ■ Inactive year elected
- ■ Active year elected

ISO/TC 211 Liaison

- Established June 2020
- Category A liaison
  - Serena Coetzee and Reese Plews liaison from TC211 to OSGeo
- Information sharing and increased awareness between OSGeo and TC211
- Access to documentation
- Contributing to TC211 WGs
  - Participate in meetings
  - Expert nominations
- 2 year duration

Contact Tom, Victoria or Angelos to get involved!

OSGeo Certification services for OGC compliance

- For implementations, compliant products and reference implementations
- Annual update
- Demo VM hosting
- See https://wiki.osgeo.org/wiki/OGC_Certification_Services to get started!

OGC Collaboration

- Increased OGC and OSGeo participation at sprints/hackathons
- Continued progress on CITE teamengine via the Incubation Committee
- Membership coordination
  - 6 slots (12 month period)
  - https://wiki.osgeo.org/wiki/OGC_Membership
  - Contact the selection committee for a slot!
- Review of MOU

OSGeo Conferences

Conferences F2F and Online on 2020

OSGeo in 2020 - Conferences

?+ Regional FOSS4G conferences and meetings, Many online events. Many events canceled or postponed

Upcoming events

➔   FOSS4G 2021

➔   Bolsena Codesprint 2020
➔   SotM
➔   FOSS4G UK 2020
➔   QGIS NA
➔   …
➔   FOSS4G 2020 Calgary canceled
➔   FOSS4G Europe 2020 postponed
➔   FOSS4G SotM Oceania 2020 Online Event

If you are not listed here, you should have added your event to the website!

https://www.osgeo.org/events/

FOSS4GUK 2020

→ 1,000 people registered (FREE)

→ We estimate that between 500 and 600 attended

→ Delegates from 77 countries

→ 3 streams running for the whole day

◆ 2 keynotes

◆ 29 talks and demos

◆ 4 Lightning talks

→ 38 Speakers (10 women)

→ 6 organisers & 7 weeks!

→ Fees for the zoom account for 1 month: £198

→ Donations ca £2,500 from ca 90 donors (individuals and companies)

→ https://wiki.osgeo.org/wiki/FOSS4GUK_2020_Online_-_Lessons_Learnt

FOSS4G 2021 Buenos Aires

27 September - 3 October

The whole team is working to hold the conference again!!

- Places:

  - Facultad de Derecho (Law School)

  - Convention Center (CEC) of Buenos Aires

- Tickets sales: coming *really* soon

- Sponsorship Opportunities: coming *really* soon

And Yes!
We have a plan B:
Online Conference

No matter what, we will have a FOSS4G in 2021!

We invite you to see more…

https://tinyurl.com/foss4g2021

OSGeo Community Sprints

Community Sprints: F2F and Online on 2020

Open Source Geospatial Foundation

OSGeo in 2020 - Community Sprints

- Friendly work party, with project focused code sprints and our community sprints!
- Bolsena Code Sprint
- 2020 Community Sprint in Athens, Greece postponed for 2021

OSGeo Community Sprint in Athens

- Postponed for May 2021!
- Exact dates to be determined.
- All sponsors are willing to continue their support for the event (Thank you)
- https://wiki.osgeo.org/wiki/OSGeo_Community_Sprint_2020

Bolsena 2020 Code Sprint 2020

Changed to Work-from-home

Projects:

- GeoNetwork Open-source
- pgRouting & MobilityDB
- JTS Topology Suite
- GeoServer
- OSGeo Live

Community:

- Group chat and hangout
- Shared slides and wiki

20-30 Participants

- Received t-shirt and card!

Open Source Geospatial Foundation
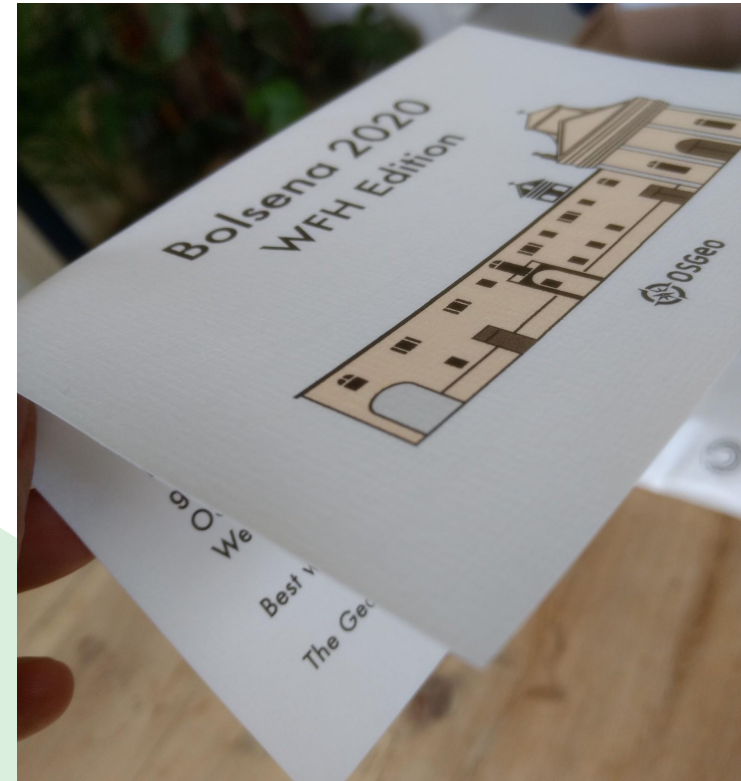
OSGeo in 2020 - Participation at events

Booth, sessions at related conferences:

- European Geophysical Union annual Town Hall meeting
  - Postponed to EGU 2021 (most likely virtualized)
  - Participation at Data Help Desk instead
- FOSSGIS Freiburg,
- AGIT Online Event Salzburg
- SotM
- FOSDEM

OSGeo Committees

Annual reports from our open source Committees

OSGeo Committees

- United Nations
- GeoForAll
- Marketing
- Incubation
- Conference
- Open GeoScience
- System Administration
- Code of Conduct

On formation

- Lexicon

- Committees meet on the IRC or via conference calls as well as operating by email list.
- From the committees' pages you will find the missions, names of the people involved, and links to the working documents.
- Interested parties are encouraged to join committee mailing lists, contribute, and potentially formally join the committees.

OSGeo UN Committee

Chairs: Maria Brovelli & Serena Coetzee

UN Open GIS

The UN Open GIS Initiative aims to identify and develop an Open Source GIS bundle that meets the requirements of UN operations for both peace-building and peace-keeping.

The activities went ahead almost regularly. The Initiative is increasing both in terms of members and themes. Website of the Initiative: http://unopengis.org/unopengis/main/main.php

OSGeo UN Challenge

Despite the resources made available by the Board for the Challenge, we were not able to open it

OSGeo UN Committee

UN Open GIS

Working Groups:

- WG1. Geo-Portal
- WG2. Capacity Building
- WG3. Geo-Analysis
- WG4. Geo-Data Collection
- WG5. Geo-AI

It is an open initiative and we accept willingly new members. For more information, please contact the Committee chairs.

GeoForAll

- **+ 140 labs globally:**
  - 142 members in [wiki](#)
  - 81 on the OSGeo [website](#)

  - Please submit your lab through on-line form if it is missing
  - ***Update your information and add website link***
- **Newsletter:**
  - 12 editions per year
  - Submit your events to labrinos@eled.auth.gr
- **GeoForAll session for World Commons Week 2020** on 6 October 13 UTC
- **Global student competition planned for 2020**
  - Want to get involved, email victoria.rautenbach@gmail.com

GeoForAll-Iberoamerica

- part of GeoForAll for Spanish and Portuguese speakers (a whole continent and more!) https://wiki.osgeo.org/wiki/GeoForAll_Iberoam%C3%A9rica
- 2 labs in 2012, 6 in 2017, **+28 in 2019!**
- promoting geosciences through training opportunities (click here!)
- promoting synergies through joint projects (http://www.cyted.org/)
- collaborating monthly with the translation of GeoForAll newsletter into Spanish: https://www.osgeo.org/initiatives/geo-for-all/geo-newsletters-archive/

LABORATORIOS GeoForAll IBEROAMERICA

Marketing Committee 2020

- Committee Updates
  - New Co-chairs: Enock Seth Nyamador and Jody Garnett
  - Regular meetings every last Friday of the month 14:00 UTC
- Outreach activities
  - Podcast https://mapscaping.com/ scheduled
  - RUFORUM
- Social Media outreach
  - https://twitter.com/osgeo
  - https://www.facebook.com/OSGeoFoundation
  - https://www.linkedin.com/company/osgeo/
  - https://www.youtube.com/foss4g
- Less outreach work due to COVID-19
  - OSGeoLive USB drives, stickers & flyers left from 2019
  - Here to help with your outreach ideas - Contact us!

Incubation Committee

OSGeo
Incubation

- Incubation Budget
  - $10,000 Budget
  - Goal 3k per project working on incubation
  - No requests yet!

- Community Projects
  - $10,000 Budget
  - Board initiative!
  - Attend monthly board meeting to request funding

Committee is responsible for overseeing the incubation process for new projects entering the foundation.

This is an outreach role working with development teams learning everything that goes into open source.

Incubation Committee

- PROJ Graduated
  - Started May 2019
  - Completed November 2019
- New Community Projects
  - GeoHealthCheck
  - GeoStyler
  - GeoExt
  - rasdaman - welcome back!
- Discuss:
  - Mapfish?
  - OSSIM?

- Activities
  - Improved description of website → community → incubation progression
  - Added code of conduct requirement
- Projects in incubation
  - istSOS
  - Opticks
  - Oskari
  - ~~MetaCRS~~ → PROJ
  - TEAM Engine
  - ZOO-Project

Conference Committee

- Conference committee updates
  - Cancelation of FOSS4G 2020 Calgary
  - FOSS4G 2021 Buenos Aires
  - Preparation of Bid process 2022 (Europe)
- We need to change our bidding process!
- Travel Grant Program
  - FOSS4G 2018 (10.000 US $)
  - FOSS4G 2019 (15.000 US $)
  - FOSS4G-NA (2.000 US $)
  - FOSS4G-Oceana (2.500 US $))
- New co-chairs:
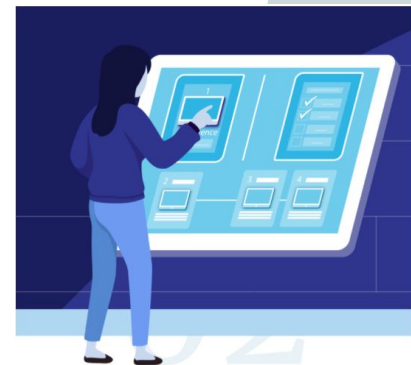 - Msilikale Msilanga & Vasile Crăciunescu

Open GeoScience Committee

- ## Participation in the first Virtual Data Help Desk event at EGU

Participating Organizations

- The Virtual Data Help Desk, provides researchers with opportunities to engage with informatics experts familiar with their scientific domain and to learn about skills and techniques that will help further their research and make their data and software open and FAIR.

- As networks of Earth science professionals, we draw heavily from our expert pool of individuals who represent dozens of our partner organizations, making the Virtual Data Help Desk truly a team effort and a community event.

Ask Me Anything Office Ho[urs]

Ask Data Questions

Demos & Training

Open Source Geospatial Foundation

Images: esipfed.org/news/data-help-desk-at-egu-2020

System Administration Committee

Accomplishments

- New
  - repo.osgeo.org (Nexus)
  - SSH Keys in LDAP
  - Wiki migration to OSGeo Ids (in progress)
- Services
  - Hosted doc sharing (Nextcloud)
  - Hosted git repos (Gitea)
  - Voting and Survey
  - Added many mailing lists
  - OSGeo on Github, Travis, Youtube, etc

Opportunities 2021

- Single Sign On
- New Containers

Committee Budget 2020

Hosting	$28350	OSUOSL & Funtoo donation
Hardware	$1000	As needed
Cloud	$6000	Travis etc..
Domains	$250	
Admin	$16500	3x contracts
TOTAL	$23750	

Join, or get your sys admin friends to join.
The more people, the more services we can provide.

Code of Conduct Committee

Members

Maria Arias (co-chair)

Vicky Vergara (co-chair)

Jody Garnett

Michael Smith

Work done

- Updated the information on the wiki page.
- No cases.

Plans for the future

- Revision and update of the code of conduct

Link

https://wiki.osgeo.org/wiki/CodeOfConduct_Committee

Lexicon Committee

- Building an OSGeo Glossary
  - OSGeo Glossary published in OSGeoLive, Geo4All Newsletter
  - Offering tailored glossaries for OSGeo projects wanting to work with us
  - Glossary processes for Tech Writing and Open Source communities
- Pilot development: August 2020 - December 2020
- Collaborating with, TheGoodDocsProject, OGC, ISO TC211
- https://wiki.osgeo.org/wiki/Lexicon_Committee

(Official committee status pending approval from OSGeo Board)

OSGeo Projects

Each OSGeo project operates as a committee in our foundation represented in our AGM by their project officer.

GRASS GIS

- Release of GRASS 7.8.3 with 210 fixes and improvements
- New website based on Hugo (co-funded by OSGeo)
- New GUI Startup (GSoC student: Linda Kladivova)
- Issues moved to GitHub
- Source code analysis with GitHub Actions
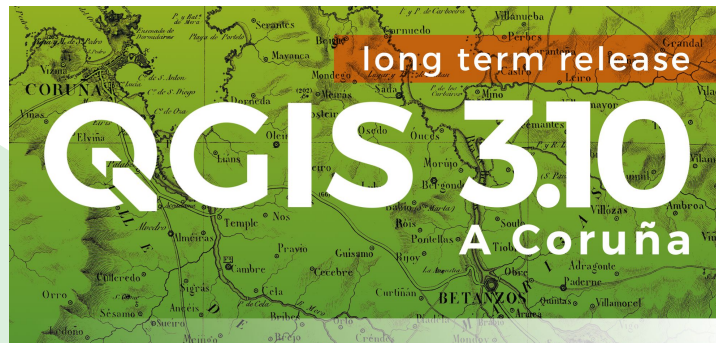- 3 virtual meetings with devs and users to discuss further improvements
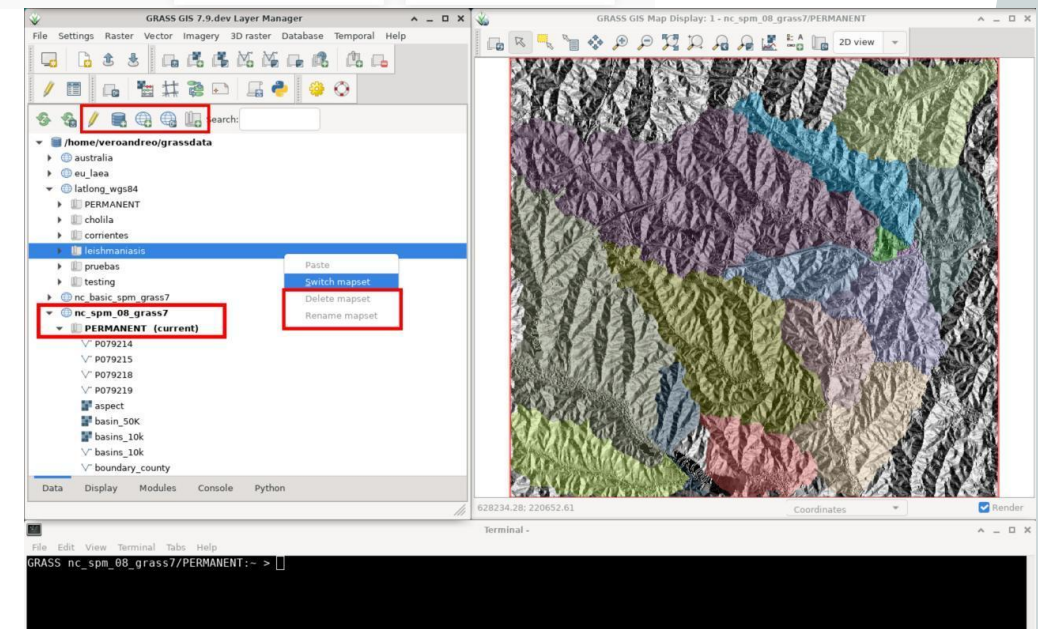
QGIS

3 major releases since 2019 OSGeo AGM

1 **GSOC** 2020 student

2020 **GRANT PROGRAMME:** €40k for dev + €20k for docs

Bugfix budget: approx. €85k

Monthly online **Kwakfest** to replace cancelled in-person meetings

long term release
QGIS 3.10
A Coruña

QGIS 3.12
București

QGIS 3.14
π "Pi"

gvSIG

- **Project Updates:**
  - gvSIG Desktop 2.5.1 will be released at the end of 2020. And there will be a 2.5.2 version later with new editing tools.
  - Working in parallel on gvSIG Desktop 3.0 with a new raster architecture and avoiding commercial drivers.
  - New gvSIG Mobile version at the beginning of 2021.
  - New gvSIG Online version (June 2020)
- **Events and Activities:**
  - 16th International gvSIG Conference (Online event - November 4th-6th 2020)
  - 2 students at Google Summer of Code 2020
- **Training:**
  - Free certification for gvSIG courses during the current health emergency situation.

GeoMoose

- **Several GeoMoose Releases!**
  3.4.0, 3.5.0, 3.5.1, 3.6.0, 3.6.1, 3.6.2

- **Including:**
  Improved automated testing
  Published on NPM
  i18n support (en and es currently implemented)
  Enhanced query support
  Mobile friendly fixes
  Printing enhancements
  OpenLayers and React library upgrades

- **Potential areas for help from OSGeo members:**
  Add more translations

GDAL project status

- GDAL 3.1 released in May 2020
  - Dedicated Cloud Optimized GeoTIFF (COG) driver
  - Multidimensional (3D, 4D,...) arrays (netCDF, HDF4, HDF5)
  - Support for writing vector drivers in Python
  - FlatGeoBuf vector driver
  - gdal_viewshed utility
- Bug fix releases: 3.0 (.2, .3, .4), 3.1 (.1, .2, .3)
- New release cadence:
  - Feature release: every 6 months (instead of one year).
  - Bug fix release: every 2 months
- GDAL 3.2 release planned for November 2020:
  - New drivers: LVBAG, HEIF, TGA
  - Improved drivers: COG, BAG, FITS, PGeo/MDB
  - gdal_create utility

ORFEO ToolBox

Open Source processing of remote sensing images
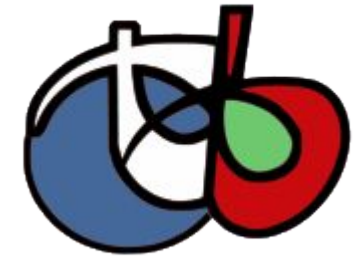
- OTB 7.0.0 released in November 2019
- OTB 7.1.0 released in April 2020

- Tons of bug fixes, lots of code refactoring
- CookBook becomes the main entry point for documentation
- Nice continuous integration platform, available to all contributors

- New zonal statistics application, revamped Radiometric Indices application
- Hyperspectral applications ; nice recipe in the CookBook
- New QGIS plugin

- Thank you for your feedback !

  We are glad to hear your success stories using OTB ;-)

pycsw

- Maintenance / bug fixes
- 2.4.2 released
- OGC API - Records SWG participation
- Roadmap:
  - 3.0.0: LTR for OGC CSW 2 / 3
  - 4.0.0: OGC API - Records implementation

GeoNode

Releases & Roadmap
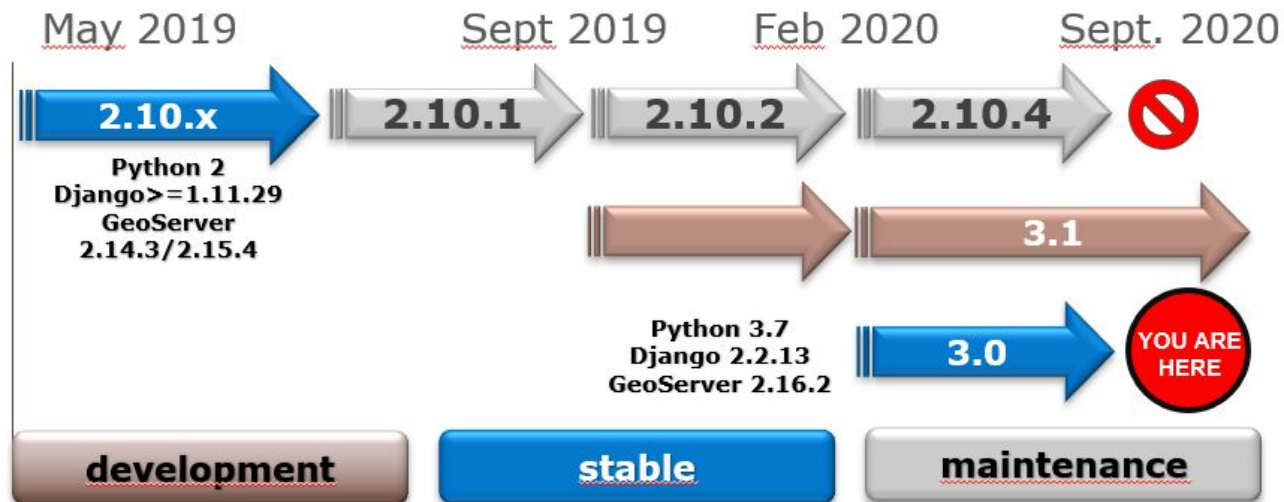
- Soon 3.1 release with fixes and new features See Webinar on YouTube

Team & Sprints

- **New** PSC -> Alessio Fabiani; Francesco Bartoli; Simone Dalmasso; **Toni Schönbucher; Florian Hoedt**
- GeoNode Summit 2020 -> Canceled; Brunswick, Germany (hosted by Thünen Institute)
- Part of research consortium: 'NFDI4Agriculture' by PSC membership of Thünen Institute

Features Highlight

- Feature-Info templating
- Better Docker Setup and Django Project Template with out-of-the-box: LDAP support, monitoring, async, backup&restore, Read-Only and Maintenance modes …
- Performances Optimizations
- Improved Security (e.g. Geo-Limits)
- REST API rework (ongoing)

PyWPS

- Version 4.2.7 released August 2020
- Python 3 only
- Added language support (en, fr, ...)
- METALINK support for several processing outputs
- Improved job queue in development
- Joining pygeoapi (?)
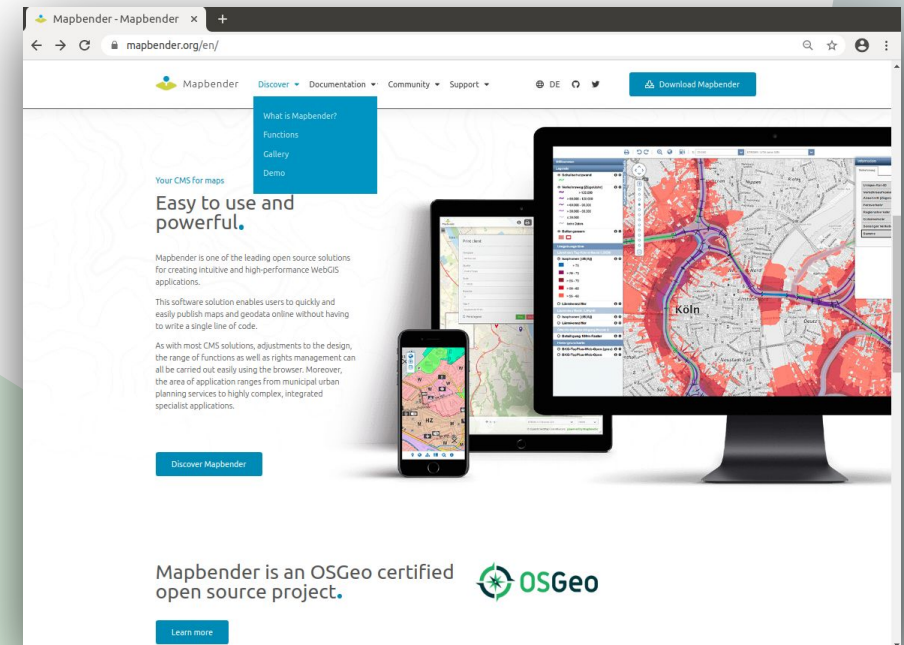- Finding foundings for sustainable development

Marble

tbd

Mapbender

- Version 3.2 released with OpenLayers 6
  - Refactoring & improved usability
- LTS Version 3.0.8.x supported until March 2020

- October 2019 - Community Meeting in Bonn
  - thanks for the sponsoring of OSGeo

- Redesign of the website
  - thanks for the sponsoring of OSGeo
  - https://mapbender.org

MapServer

- MapCache 1.10.0 release in February

- 7.4.4 - security release in March

- 7.6.0 - major release in June

  - PROJ 6 API support

  - Improved SLD support

  - Special character support in mapfiles on Windows

  - Celebrated 20 years of commit logs

- 7.6.1 - maintenance release in July

- 8.0 release planned for end of 2020 / early 2021

  - OGC API support, MapML support, …

PostGIS

Releases:

- PostGIS 3.0 – September 2019
- PostGIS 3.1 – September 2020 (?)

Highlights:

- Hex and square grid generators
- Spatial join performance with large objects
- Faster output on text generating functions (JSON, WKT, GML)
- Performance improvements on MVT generation

Challenges:

- old dependencies in distros

GEOS

GEOS Geometry Engine Open Source

Releases:

- GEOS 3.9.0 – September 2020?
- GEOS 3.8.1 – March 2020

Highlights:

- New overlay engine for robust fixed precision intersection/union/difference calculation
- Both floating point snapping and fixed precision snap-rounding modes
- No more "topology exceptions"
- More C++11 and code modernizations
- Internal double-double math, for wider platform support (no more ttmath vendored library)

deegree

Releases

- 3.4.12 successfully passed OGC compliance tests in 02/2020
- 3.4.13 most recent version 04/2020

Community

- Preparing 20 years anniversary of the deegree project (most likely online event)

Infrastructure

- refurbished build infrastructure to prepare migration to Java 11
- move repo to OSGeo repo

Upcomming

- support for OGC API - Features

Challenges

- support for Java 11
- automated testing with OGC TeamEngine

lat/lon GmbH

CERTIFIED OGC® COMPLIANT

deegree webservices 3.4

RI GML 3.2.1
RI WFS 1.0.0
RI WFS 1.1.0
RI WFS 2.0
RI WMS 1.1.1
RI WMS 1.3.0
RI WMTS 1.0.0

Valid Until: 2021-05-09
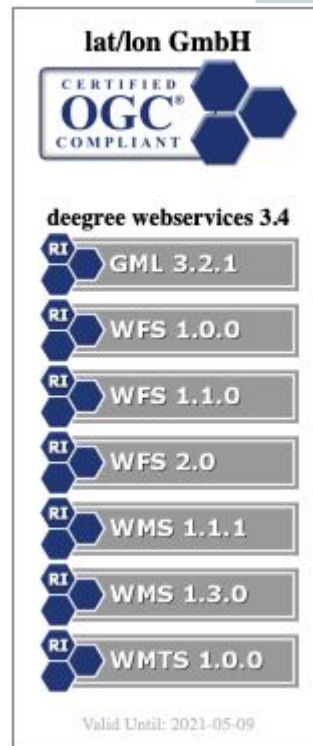
GeoNetwork

Releases

- GeoNetwork 3.8 - August 2019
- GeoNetwork 3.10 - January 2020
- GeoNetwork 4.0.0-alpha1

Highlights

- OpenLayers 6 Upgrade
- Improved workflow
- Metadata draft
- HNAP Schema
- repo.osgeo.org

Upcoming

- Accessibility
- Lucene → ElasticSearch
- Code of Conduct

Community

- PSC: Paul van Genuchten
- Online User Conference
- Bolsena 2020 WFH edition
- FOSS4G UK Online 2020

Challenges

- Many active branches
- Upgrade Java version
- Outstanding PRs

OSGeoLive

- OSGeoLive 14.0 release
  - Work In Progress (no FOSS4G deadline this year)
  - Based on Lubuntu 20.04.1 LTS
  - Updated projects (DebianGIS, UbuntuGIS)
  - New projects (GeoStyler, pygeoapi, Re3gistry, PerfectTin)
    - Still accepting applications
    - Building glossary with The Good Docs Project
  - Updated (geo) data science packages
    and notebooks
  - ISO limited to 4GB, but **NEW** VMDK with more projects
- Lets have more translations, Join our translation teams

GeoServer

Updates
- GeoServer 2.16 September
- GeoServer 2.17 February

Infrastructure transition
- repo.osgeo.org
- build.geoserver.org
- domain name pending

RnD:
- ogc-api, geopackage
- cluster, mbstyle

PSC Changes:
- Nuno
- Torben

Community:
- Bolsena 2020 WFH Sprint

Upcoming
- GeoServer 2.18 September
- CITE Automation
- CITE Certification
  - Plan a sprint to pass tests

GeoServer: Black Lives Matter

The casual use of the word "slave" in computer software is an unnecessary reference to a painful human experience that continue to impact society.

GeoServer 2.18-RC Announcement

Changes made:

- Primary / Replicant
- Allow-list / Block-list
- Keystore password

Upcoming:

- Main branch

GeoTools

Releases
- GeoTools 22 September
- GeoTools 23 February

Infrastructure
- repo.osgeo.org
- build.geoserver.org

Community
- Joint QA activity

Upcoming
- GeoTools 24 September
- Code of conduct

OpenLayers

Latest release

- 6.4.3 August 2020

Highlights

- Improved documentation
- New web technologies (Shadow DOM, OffscreenCanvas)
- No more fixed zoom levels

Community

- Many new contributors, some very active
- 92.000 weekly npm downloads, doubled since September 2019

Upcoming

- 6.5.0 planned for September

PROJ

- Graduated OSGeo incubation and PROJ is now a full OSGeo project

- Version 7 released March 1st 2020 - Total revamp of grid functionality

  - Introduces new transformation grid format GTG

  - Transformation grids are now network-accessible on-the-fly from http://cdn.proj.org

  - All resource files now provided in one common package PROJ-data

  - New utility **projsync** that can be used to download resource files from the CDN

- Version 8 to be released in 2021, will complete the transition from PROJ.4 to the modern version of PROJ

  - Deprecation of the **proj_api.h** interface - **now is the time to migrate to proj.h!**

OSGeo Incubating

OSGeo Incubating projects are working with the Incubator Committee to become an official OSGeo project..

ZOO-Project

Latest releases:

1.7.0 released on June 15th **2019**

MS4W package for this release

Community:

Participation in OGC API: Processes specification (ongoing updates delay the 1.8 release)

ZOO-Project involved in Phidias-HPC project

Incubation Sprint planning?!

OSGeo GSoC 2020: 1 project for MapMint4ME

MapMint: Adding support for both SAGA-GIS and OTB processing

Upcoming

1.8.0 release (including the OGC API -Processes)

2.0 release (using AMQP for async execution)

istSOS

Latest releases

- 2.4 (2020-04-23)

Highlights

- profile data type
- specimen data type
- dockerization

Upcoming

- 2.4.1 with renewed Admin interface

Community

- Cancelation of the planed Incubation Sprint in Malaga (Spain) due to COVID-19 [maybe by end 2020 ???]
- Workshop @FOSS4G-IT 2019
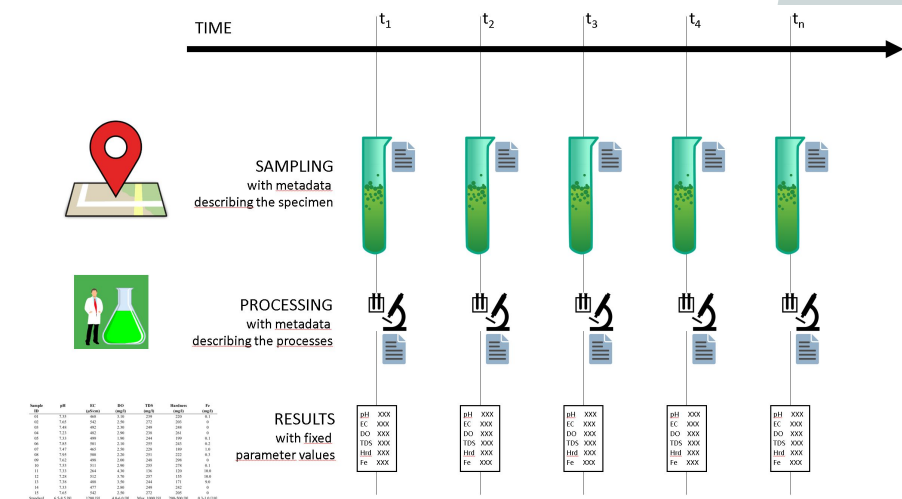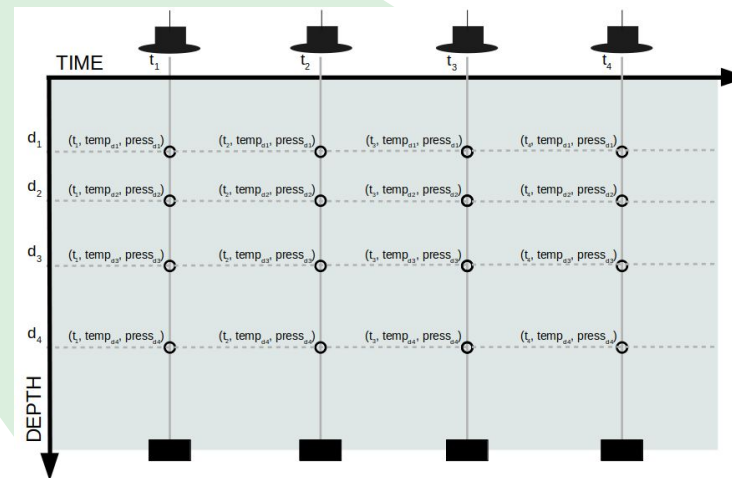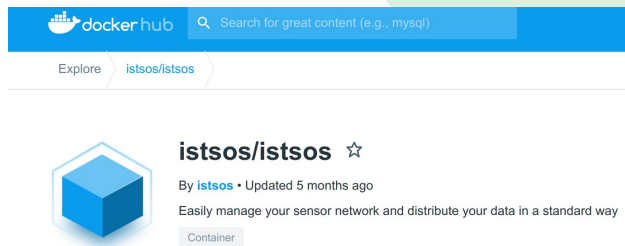
[TEAM Engine](...) Project Status

Latest release

- Version 5.4 (May 2019)

Highlights

- 19 bug fixes and enhancements.
  - Usability was improved.
  - Many bug fixes making TEAM Engine more stable.

Upcoming

- Version 5.5 is prepared.
- Plan to release version 5.5 later this year.

Community

- OSGeo graduation is actively pushed.
- Wiki site is documenting results.
  - https://github.com/opengeospatial/teamengine/wiki/OSGEO-Graduation
- GitHub issues were created for all open tasks
  - https://github.com/opengeospatial/teamengine/issues
  - label: OSGEO-Graduation
- Current status: In progress of resolving OSGeo graduation related open issues.

Oskari Project Status

- Latest release 1.56.0 (June 2020)
- Upcoming release 2.0.0 (Sept 2020)

Highlights 2019-2020

- React for new UI modules
  - Layer tool rewrite for admins and end-users
- 3D mode w/ time and camera controls
- Separated demo/sample app from library code
- Library updates, build performance tuning, etc.

Highlights 2.0.0

- Ton of library/component updates: GeoServer, GeoTools, Flyway, Spring, Jetty
- Cleaned code base

- Community
  - Website improvements
    - Map gallery
    - Merging community and project web pages
  - New community manager tender
  - Gitter activity increased
  - More companies to do business with Oskari
  - Incubation to be completed this year (alternatively community project status)

OSGeo Community

OSGeo Community projects are supported by our foundation, but do not have a project officer to participate in our AGM.

Loader

A loader for geographic data in GML and KML (that needs some preparation before loading via ogr2ogr).

Support for loading a wide range of Ordnance Survey GB products commonly into Postgres/ PostGIS.

https://www.osgeo.org/projects/loader-project/

MapFish

GeoMapFish

- Name:
  - MapFish > GeoMapFish
- GeoMapFish now supports
  - Mapserver &
  - QGIS Server
  - OpenLayers 6BETA
- Migrations done:
  - Pylons > Pyramid
  - Python 2 > 3
  - GeoExt > ngeo
  - JS closure compiler > ES6 modules

Community

- Presentations at FOSSGIS, FOSS4G-FR, FOSS4G, etc
- 2 users community meetings per year

Upcoming

- 2.5 release (End of 2019)
- update PSC to reflect current contributors

pgRouting
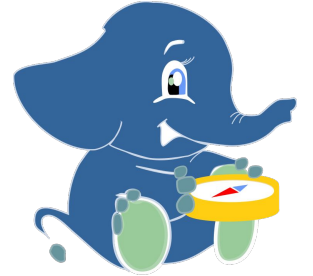
[pgRouting](#) v3.0 release had a delay on the release and it was released on June 2020

- **GSoC participation**: 3 students, Ashish, Himanshu and Prakash, with 6 new functions to be included as experimental on next minor.
- **GCI participation**: Videos created by students about the documentation on the pgRouting Channel:
  https://www.youtube.com/channel/UC1dosjzvl5Mn-COR5wZ6Ciw/playlists
- Products: pgRouting, pgRoutingLayer, Workshop, osm2pgrouting, docker-pgrouting
- Joined efforts with MobilityDB to have pgRouting & MobilityDB tested with BerlinMOD benchmark and data generator for geospatial trajectory data

Plans 2020-2021:

- Applying to be an OSGeo Project (on late 2020)
  - Mentor: Angelos Tzotsos
- Keep participating on GSoC
- Workshop update with data from OSGeoLive 14.0

Portable GIS

- GIS on a USB Stick for Windows
- portablegis.xyz
- First announced at FOSS4G 2007 in Victoria, version 6.0 to be released imminently
- Now fully documented on readthedocs with source code available on gitlab

actinia

actinia is an open source **REST API** for scalable, distributed, high performance processing of geographical data that uses mainly GRASS GIS for computational tasks. actinia processes satellite images, time series of satellite images, arbitrary raster and vector data.

Release: 0.99.1

GitHub: https://github.com/mundialis/actinia_core

OSGeoLive: https://osgeo.github.io/OSGeoLive-doc/en/overview/actinia_overview.html

Docker: https://hub.docker.com/r/mundialis/actinia-core

Tutorials and demo server: https://actinia.mundialis.de/

GeoStyler

- JavaScript library for styling geographic data via GUI

- Format independent (works with SLD, OpenLayers, QML, Mapbox, …)

- First announced at FOSSGIS 2019, Dresden and FOSS4G 2019 in Bucharest

- Code and Documentation can be found on
https://geostyler.org

- Tutorial can be found here:
https://geostyler.github.io/geostyler-beginner-workshop/

- will also be on next version of OSGeoLive !

pygeoapi

- Python server implementation of the new OGC API suite of standards (REST, OpenAPI, JSON, etc.)
  - https://ogcapi.ogc.org
- Status updates
  - OGC API - Coverages (rasterio, xarray)
  - OGC API - Tiles
  - OGC API - Records
  - OGC API - Features: OGC Reference Implementation!
  - Transactions and CQL support (GSoC)
  - New documentation (https://docs.pygeoapi.io)
- https://pygeoapi.io

GeoHealthCheck
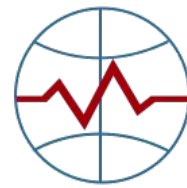
- QoS and Uptime Monitor for Geospatial Web Services
- https://geohealthcheck.org
- Status updates
  - Python 2->3 migration
  - Enhanced Authentication (also for remote endpoints)
  - Support OGC OAPIF (~WFS3) and ESRI ArcGIS Feature Server
- 2020-2021 Plans
  - REST API Architecture
  - New web UI (Vue.js using REST API)
  - Integration with existing monitoring tools (Prometheus, Icinga etc)
  - Apply for OSGeo Project

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OWSLib

- Longstanding Python client for OGC Web Services (15 years)

- Status updates
  - New OGC API support!
    - Common
    - Features
    - Coverages
    - Records
  - Python 3 only
  - Updated modules: WCS, WPS, WFS, WMTS
- https://geopython.github.io/OWSLib

Local Chapter Updates

Regional / language outreach promoting our vision for open source! Chapters operates at arms length, often incorporated as a "non-profit" in their respective country to better engage with local advocacy.

OSGeo Africa

OSGeo Africa:

- **OSGeo Africa mailing list** (started in 2005) with >1000 members
- **OSGeo Africa Telegram group** (started in 2018) with >70 members
- Both lists are active, discussing a wide range of issues, from sourcing data to mutual assistance and FOSS activism
- However, we are *still* not an official chapter (Africa vs country debate)

Other activities:

- **QGIS user groups** established in **South Africa** and **Kenya**
- **State of the Map 2020** hosted virtually from Cape Town, South Africa
- Activities across the continent are emerging online from eg: Ghana and Togo
- Increased initiatives to support OSGeo software eg: Tanzania, Kenya, Mozambique, South Africa

Geoinquiet@s Argentina

Since 2012

t.me/geoinquietosar   **275 members**

• We are Official OSGeo Local Chapter since 2019

• We set up an NGO, to have legal and financial
support thanks to OSGeo: Geolibres Asociación Civil

Conferences

2014
FOSS4G Buenos
Aires

2016
FOSS4G
Argentina

2017
FOSS4G + SOTM
Argentina

2019
FOSS4G
Argentina

Supporting institutions:

Working with other communities
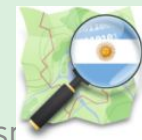
Geoinquiet@s Argentina

Last Activities

WEBINARS

- [Docker for geospatial applications](#)

- [Everything you can do with QGIS](#)

- [FOSS4G Stack](#)

COMING SOON FOSS4G 2021!

OSGeo Belgium

- FOSS4G Belgium October 2019
  - No edition in 2020

- FOSDEM 2020 Brussels
  - geospatial devroom
  - Largest open source conference in Europehttps://www.fosdem.org

- AGM just before the lockdown
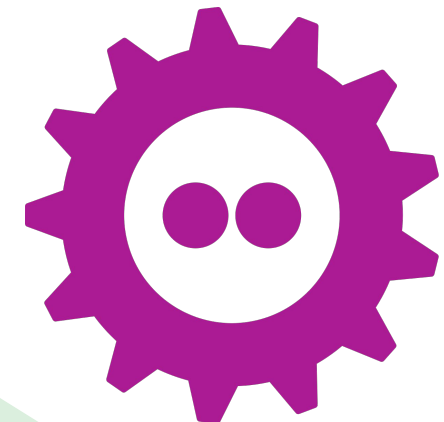
OSGeo California

- California Chapter member Jeff Johnson co-chaired FOSS4G-NA in San Diego, CA
- Membership is discussing ways to
  - Add members
  - Be more cohesive given the large size of our state - ideas are welcome!

OSGeo.cz

The Czech republic local chapter

- Dorming

D-A-Ch: F⭑SSGIS (Germany-Austria-Switzerland)

FOSSGIS Conference 2020 in Freiburg

- Last conference before COVID-19 Lockdown
- 388 participants
- Due to COVID-19 many participants canceled
- 4 days full of 124 talks & workshops
  many with OSGeoLive
- The last day was cancelled due to Corona restrictions

Next conference 2021

- planned in Rapperswil (Switzerland)
- 06.–09. June

D-A-Ch: FOSSGIS e.V. (Germany-Austria-Switzerland)

1 Hacking-Event (23 participants in Linuxhotel in Essen)

OSGeo Virtual Booth AGIT Salzburg

FOSSGIS coordinating office starts
on 01.September 2020 with Katja Haferkorn

Happy Birthday FOSSGIS.

- In 2020 we celebrated 20 Years of FOSSGIS e.V!
- Party was cancelled due to Corona.

OSGeo Europe

- the organisation is now liable for tax declaration, but

- nothing happened last year

- need to organise new elections for the board

OSGeo Finland

- New website
  - www.osgeo.fi

- FOSS4G 2020 Suomi
  - Cancelled - COVID-19
- devALPO
  - Fri, 25th of Sep
  - FOSS4G developers
  - Onsite and online event

Open Source Geospatial Foundation

OSGeo-fr

- **FOSS4G-fr 2020 reported to 2021**
- **QGIS fr user days Dec. 2021**
- http://conf.qgis.osgeo.fr/
- Events:
  - Capitole du Libre Nov. 2019
  - Paris OpenSource Summit Dec. 2019
  - GeoDatadays Sep. 2020
- Projects :
  - new status
  - SAC

OSGeo India

tbd

Open Source Geospatial Foundation

OSGeo Hungary

- FOSS4G.HU annual conference 2019-11-28, 120 participants

- OSGeo Hungarian Interest Group on LinkedIn, 226 members

- Hungarian translations (OSGeoLive, QGIS, Qfield)

- Geo4All Lab Budapest
  Courses
  Hungarian tutorials (osgeo.hu)
  Projects: GeoEasy, Ulyxes, Find-GCP,
           QGIS plugins

- Conference in 2020 is planned on-line

GfOSS.it

- 738 members in the Italian discuss mailing list
- Around 70 members in the Association
- New board

Organized Events:

- FOSS4G-it 2020 in Torino (more than 300 participants)
- Online summer webinar (more than 650 participants, more than 250 unique)

Future events:

- Looking at a date for FOSS4G-it 2021 (2021, Bari)
- Working on online winter webinar

Working on….

More info (in Italian) at gfoss.it and foss4g.it

OSGeo Ireland

Like OSGeo Chapter colleagues all over the world the year 2020 hasn't worked out the way we had hoped...

Start of 2020 : some mini events, talks, co-hosting planned .... But then ..... Everything changed.

4th OSGeoIE 2021 - *Potentially* move to University-based venue (Summer 2021). Or plan a fully online event.

OpenStreetMap Ireland: We are exploring possibilities of a larger co-hosted (online) event with OSM Ireland in 2021.

Goals and Next Steps for 2020/2021

Events: attempt to organise or co-host additional 'mini' events (online)with OSGeo focus

Increase sponsorship opportunities: work to improve OSGeoIE's sponsor base

Further community development - include local government volunteers in OSGeoIE activities

OSGeo.JP

679 members (from Discuss mailing list)

Organized Events (since September,2019)

- Sep. 13-14, 2019 FOSS4G Niigata
- Oct. 13-14, 2019 FOSS4G KOBE.KANSAI

Upcoming events

- Sep. 26, 2020   FOSS4G Hokkaido online
- Nov. 7-8, 2020   FOSS4G Japan online

Open Source Geospatial Foundation

OSGeo.JP logo is designed by Takuya YAMAGATA(HOWMORI)
and Yasuto FURUKAWA (MIERUNE)

OSGeo Korean Chapter

- Website: **osgeo.kr**

- **826** members (from Korean discuss mailing list)

- **Organized Events** (since September,2019)
  - **May. 28, 2020   1st Online Technical Workshop**
  - Dec. 27, 2019   4th Technical Workshop
  - Oct. 10-11, 2019 [**FOSS4G Korea 2019**], Busan
  - Jun. 22, 2019   2nd Technical Workshop
  - Mar. 23, 2019   1st Technical Workshop

- **Upcoming events(Everyone is invited!)**
  - **Nov. 12-13, 2020   [FOSS4G Korea 2020] Online**

OSGeo.nl - Netherlands

- Website: osgeo.nl (and tv.osgeo.nl !)
- Est. 2011, legal Foundation ("Stichting") since 2012
- Yearly OSGeo.nl Conf. Rebranded to FOSS4GNL in 2017

Updates:

- FOSS4GNL June 2020 (ITC, Enschede), canceled obviously
- But…**developed "De Grote Geo Show" (The Big Geo Show)**
- **Weekly live 1h broadcast** to engage our community
- Talkshow format: with Host, news, interviews, presentations, etc
- And… a **live Geo Quiz** (via Kahoot) with viewers
- More on next slide…

OSGeo.nl - Netherlands

De Grote Geo Show (The Big Geo Show):

- Website: tv.osgeo.nl - 10 x 1h episodes apr-jun 2020
- "Virtual Broadcast Studio" : StreamYard (*NOT Zoom, Jitsi etc*)
- Livestreaming: YouTube and Twitch (RTMP future option!)
- Watch back: YouTube
- Setup suitable for any OSGeo (Local Chapter) virt event (ask us!)
- Resuming: every 1th thu month 17:00-19:00 UTC, start Oct 1 2020!
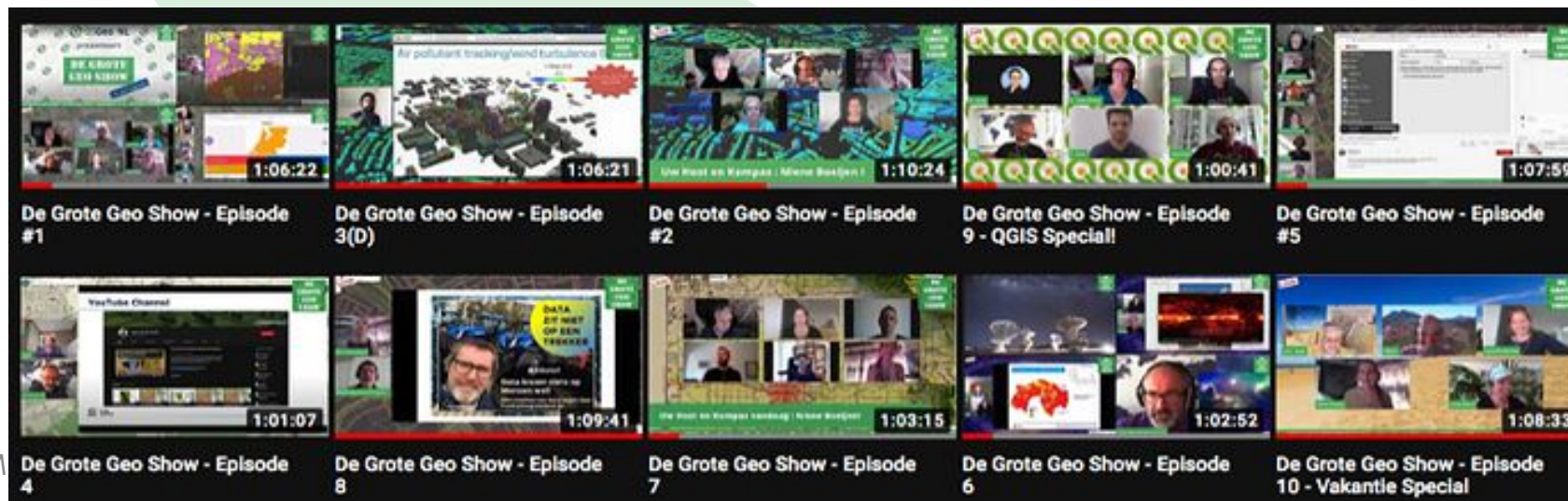
OSGeo Oceania

- 110 members from across Oceania
- Held election last year and planning this year's
- Conference was a success in Wellington in 2019
- Planned 2020 Fiji Conference will run online
- Creating Special Interest Groups to support other local communities (QGIS and OSM to start with)
- Local chapter of OSMF (*in progress*)

OSGeo·Ottawa
Local Chapter

- On-going monthly meetings at Fox & Feather
- Stefan from Romania bringing a lot of energy and passion to our chapter
- Workshop @ GeoIgnite
- More workshops to be organized, with support from Carleton University

OSGeo Quebec

- Not much activity in the last year

Open Source Geospatial Foundation

OSGeo Poland

tbd

Open Source Geospatial Foundation

OSGeo Portugal

- 455 members (on mailing list)
- No annual meeting: still relaxing from FOSS4G-EU 2018 ;-)
- Improved cooperation with National map agency
  - Active participation in the development of new national data models (for cartography and GIS)
- Improved cooperation with INE National Statistical Institute
  - Active lobby for open data use and reuse for the 2021 census

- Events:
  - Code sprint (Águeda, 3,4 October, 2019)

OSGeo Pacific-Islands

FOSS4G Pasifika 2020

- Working together with Oceania Chapter on hosting FOSS4G Pasifika 2020 in Fiji

- The PasifikaOS Project

- Collaboration with Oceania Chapter Participating in FOSS4G Oceania 2019

FOSS4G SotM Oceania

2018   **2019**

- Collaboration with Oceania Chapter and Participating in FOSS4G Oceania 2018

geo-spatial.org (OSGeo.RO)

geo-spatial.org

An elegant place for sharing geoKnowledge & geoData

An elegant place for sharing geoKnowledge & geoData since 2007

Coronavirus COVID-19 România

COVID-19   Hărți   Statistici   Jurnal aplicație   Manifest   Despre   RO   EN

Total confirmate
95014

Cazuri confirmate | Cazuri active | Cazuri noi (24h) | Vindecări | Decese | Zone carantină

Total vindecări
55442

Total decese
3893

Cazuri confirmate pe județ
12062 BUCUREȘTI
5529 SUCEAVA
5138 ARGEȘ
4850 BRAȘOV
4549 PRAHOVA
3467 GALAȚI
3366 IAȘI
3255 DÂMBOVIȚA
3171 BACĂU
2829 TIMIȘ
2651 BIHOR
2463 VRANCEA
2377 BUZĂU
2356 ILFOV
2347 NEAMȚ
2243 CLUJ
2066 VASLUI
2029 ARAD
1946 DOLJ
1873 BRĂILA

Vindecări înregistrate pe județ
4641 ARGEȘ
4549 SUCEAVA
3848 BRAȘOV
2927 PRAHOVA
2901 GALAȚI

Decese înregistrate pe județ
354 SUCEAVA
258 BUCUREȘTI
218 ARGEȘ
166 BRAȘOV
165 GALAȚI

© OpenStreetMap contributors.

Evoluția cazurilor pe zile

Play

Data ultimei actualizări: 07-09-2020 11:45:11

FOSS4G 2019 BUCHAREST

THANK YOU!

AUGUST 28, 2020

https://covid19.geo-spatial.org/

https://2019.foss4g.org/thank-you/

geo-spatial.org (OSGeo.RO)

An elegant place for sharing geoKnowledge & geoData since 2007

geo-spatial.org
An elegant place for sharing geoKnowledge & geoData

https://covid19.geo-spatial.org/

Spanish Chapter

- Creation of the Peru QGIS user group (Comunidad QGIS Perú)
- The Mexican QGIS User group became a civil association.

Organized Events:

- The #Quarentena event consisted in 18 Webinars streamed live covering different topics using OSGeo projects (QGIS, GRASS, PgRouting, etc). Held between March 30th and May 25th, 2020.
- II QGIS Mexico User Conference (November, 2019) - City of Guadalajara.
- QGIS Spain General Assembly (June, 2020).

Twin Cities MN, USA OSGeo Local Chapter
aka: tcmug@lists.osgeo.org

- Held monthly meetings, every second Wednesday of the month in various locations around the Twin Cities metro area, and more recently have gone virtual. Meetings have been held online with more outlier participation.
- Combined monthly meetings with local presentations. Presenters have been locally sourced as well as from the greater OSGeo community.
- Began a recording process of the virtual meetings for future use.
- Attendance to meetings on the rise over previous years, especially from outside our local area. Virtual nature of meetings has increased interest and participation, both locally and from afar.
- Unfortunately, it has forced more organization to be applied to the process.

OSGeo Sri Lanka

- Had the annual meeting on early 2020, just before the lockdown

  - Conducted workshops in FOSS GIS in the government & the NGO sector, until March 2020
  - Had virtual meetups to keeping touch with the community during the hard lockdown

- Planned to host SOTM Asia 2020 in Sri Lanka linking with OSGeo, however with lockdown postponed to 2021

OSGeo:UK

- uk.osgeo.org
- 261 members (from mailing list)
- Successful online event FOSS4GUK 2020
- AGM (online) 30th September 2020 1pm BST

OSGeo Kosovo

- FLOSSK - flossk.org
- Doing OSM/GIS and FLOSS since 2009

- Local chapter officially formed on 25 May 2020
- Hosted State of the Map South East Europe
- Promoting FLOSS GIS in local universities via workshops

Open Source Geospatial Foundation

OSGeo local chapter

Any other chapter: Please create a slide for your chapter. We would love to hear what you are busy with in the chapter.

OSGeo Initiatives

OSGeo Initiatives form to change down specific opportunities, gathering together interested parties.
We ask initiatives that we support to provide a AGM status update.

GSoC 2020 Report

Google Summer of Code

- OSGeo participating in GSoC: **2007 - 2020**

- Stats: **10 accepted students** coordinated with **17 OSGeo Mentors** from **gvSIG, GRASS GIS, QGIS, MapMint, pgRouting, pygeoapi [1]**

- Students submitted code & final mentor evaluations: **Aug 24 - Aug 31, 2020**

- Mentors submitted final student evaluations: **Aug 31 - Sep 7, 2020**

- Final Results: **All 10 students successfully passed the GSoC 2020 [2]**

- Google Summer of Code 2020 Mentor Summit: **TBD**

[1] https://wiki.osgeo.org/wiki/Google_Summer_of_Code_2020_Accepted

[2] https://wiki.osgeo.org/wiki/Google_Summer_of_Code_2020_Student_Status_Report

GCI 2019/2020 Report

- An annual online competition aimed at introducing pre-university students (13-17 years old) to open source projects, development and communities, through short 3-5 hour tasks
- 3rd year of participating & last year of GCI :-(
    - Rather staying with GSoC & GSoD
- **16 community members** that contributed **110 tasks** from **10+ projects**
    - e.g. istSOS, GRASS GIS, GeoServer, GeoNode, pgRouting, PostGIS, and Leaflet, and also OSGeo and FOSS4G
- **401 students completed 976 tasks**
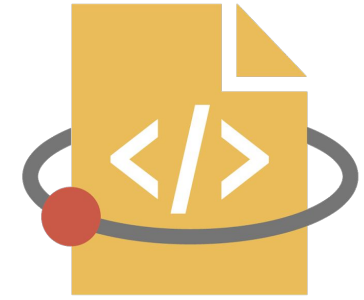
Grand prize winners:
- Navya Garg
- Pranay

Google Code-in
Celebrating 10 years

Google Season of Docs

- Allocated 2 senior writers
  - Sept - Dec 2019
- OSGeoLive participation:
  - 50 Pull requests
  - Over 60 overviews/quickstart worked
  - https://github.com/OSGeo/OSGeoLive-doc/pulls?q=is%3Apr+label%3AGSoD+is%3Aclosed
- Focus:
  - Amplify techies writing effectiveness
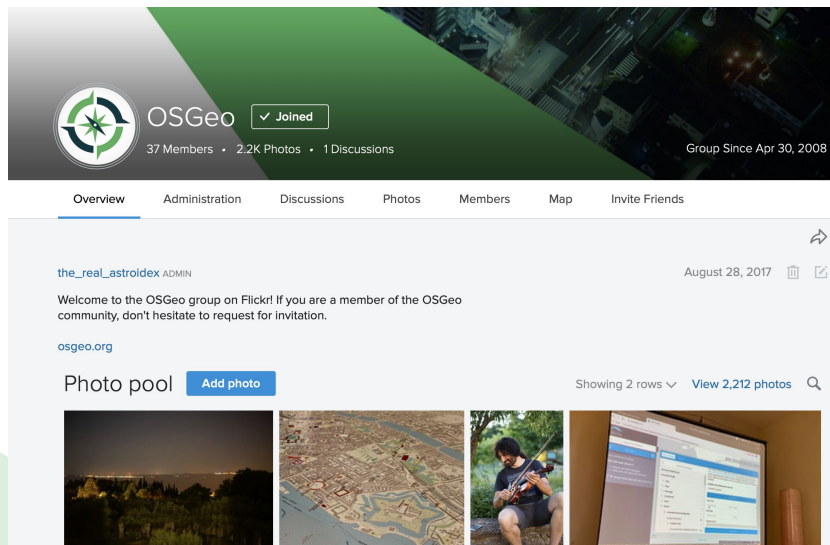 - Collaborating with developers/power users

https://wiki.osgeo.org/wiki/Season_Of_Docs_2019

Archival Updates

Flickr FOSS4G Photos

MOSS Software Repo

- Smugmug purchased flickr
  - Archive limit to 1000 per user
  - API to backup to NextCloud?

- 20200903: Lost MOSS Codebase rediscovered by Māris Nartis !

- Next:
  - MOSS codebase preservation effort.
  - Incubation as an OSGEo heritage project ?

In memory of Olivier Courtin

- OSGeo Charter Member 2014-2020
- Olivier was a big part of the MapServer and Open Source community
- MapServer PSC member and co-founder of Oslandia
- Creator of the TinyOWS project
- Lead organizer of the 2016 OSGeo Code Sprint in Paris

Sol Katz Award 2020

Awarded annually to individuals who have demonstrated leadership in the community

Time for discussion & party

- To congratulate the Sol Katz Award Winner join the party
  -> https://meet.jit.si/osgeo

- To discuss now about OSGeo and the future of FOSS4G
  -> https://zoom.us/j/97818878801

- To discuss more tomorrow join our Town Hall meeting
  tomorrow, Friday 11 September 16 UTC ->
  https://zoom.us/j/91576950832

Thank you!
Welcome to open geospatial