1. Activities of the Network

- Ottawa, Ontario, OSGeo Meetup Group meets on the third Thursday of each month. If you are located in the area, go to the link to sign up to the group and get updates about future events. ([http://www.meetup.com/OttawaOSGeo/](http://www.meetup.com/OttawaOSGeo/))

2. Events

- gvSIG Batovi team announced that the 2nd edition of the course-contest Projects with students and gvSIG Batovi has finished. It was not only—or simply—a contest: it was a whole set of actions that included:
  - Training sessions for teachers
  - Adaptations and updates of gvSIG Batovi software for the Plan Ceibal (Ubuntu) and individuals (Windows)
  - Manuals and tutorials for the installation and execution of gvSIG Batovi
  - Update of the Batovi website inside the ICT Toolboxes - Valijas de TICs (on the Ceibal website)
  - B-learning design (virtual course + face-to-face workshop)
  - Preparation of workshop guide
  - Creation of the contest rules


If you want to see what the students did, then go to [https://gvsigbatovi.wordpress.com/2018/12/05/trabajos-de-equipos-finalistas-del-concurso-proyectos-de-trabajo-con-estudiantes-y-gvsig-batovi/](https://gvsigbatovi.wordpress.com/2018/12/05/trabajos-de-equipos-finalistas-del-concurso-proyectos-de-trabajo-con-estudiantes-y-gvsig-batovi/) (in Spanish)

Thank you, gvSIG team, for the great work you are doing.

- FOSS4G-Oceania event (November 20-23, University of Melbourne, Australia).

You can watch the presentation videos (51 videos, 8.26 Gb) at [1]https://studio.youtube.com/channel/UCbqmnnF77HxLCm09d7LrEbpq/videos
[2] https://foss4g-oceania.org/videos
[3] https://av.tib.eu
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GeoForAll Themes

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- **Teacher Training & School Education**
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Email: [eu.gfa.chair@osgeo.org](mailto:eu.gfa.chair@osgeo.org)
4. Conferences

**Europe**

**February 2018**
1. 20-22 February: [FOSS4G-IT 2019](#).
   Venue: University of Padua, Padua, Italy
   Email: foss4git2019@dicea.unipd.it

**May 2019**
2. 19-22 May: [16th International Conference on Information Systems for Crisis Response and Management](#) (ISCRAM 2019)
   Venue: Valencia, Spain

3. 29-30 May: [Free GIS Days](#)
   Venue: Girona, Spain.
   Open to new [Proposals and workshops](#)

**June 2019**
4. 10-14 June: [ISPRS Geospatial Week 2019](#)
   Venue: University of Twente, Enschede, The Netherlands

**July 2019**
5. 1-4 July: [29th EARSeL Symposium 2019](#)
   Venue: Salzburg, Austria

**August 2019**
6. 26-30 August: [FOSS4G Bucharest 2019](#)
   Venue: Bucharest, Romania

**September 2019**
7. 19-20 September: [Hot Summit 2019](#)
   Venue: Heidelberg, Germany

8. 21-23 September: [State of the Map](#)
   Venue: Neuenheimer Feld campus, Chemistry lecture hall building, Heidelberg, Germany

**North and Central America and the Caribbean**

**January 2019**
9. 27-29 January: Geospatial Software Institute (GSI).
   **Workshop 3: Strategic Plan and Governance of GSI**
   Venue: Annapolis, MD, USA

**February 2019**
10. 27 February-1 March: North Carolina GIS Conference (NCGIS)
    Venue: Benton Convention Center, Winston-Salem, North Carolina, USA.

**April 2019**
11. 1-5 April: [GeoInfo – 2019](#).
    Venue: International Conference Center of Havana, Cuba
    Abstracts Deadline: January 20, 2019

12. 2-4 April: [RDA 13th (P13) Plenary Meeting](#)
    Venue: Loews Hotel - Philadelphia, Pennsylvania, USA

13. 3-7 April: [AAG Annual Meeting](#)
    Venue: Washington, DC, USA.

**June 2019**
14. 10 June: [GeoEd '19](#)
    Venue: Jefferson Community and Technical College, Louisville, Kentucky, USA.

**South America**

**July 2019**
15. 1-5 July: XVII Biennial The International Association for the Study of the Commons (IASC) Conference
    Venue: Lima, Peru.

**Africa**

**January 2019**
16. 30 January: [Advanced Mapping of Urban Population Patterns in Sub-Saharan Africa](#)
    Venue: APHRC Campus, Kitisuru, Nrb., Nairobi., Kenya
17. 31 January: Use of population maps for urban planning and health management: practical exercises in QGIS
Venue: APHRC Campus, Kitisuru, Nairobi, Kenya

April – May 2019

18. April 30 – May 3: ICT4D
Venue: SPEKE RESORT MUNYONYO, Wavamunno Road, Kampala, Uganda

Asia
July 2019

19. 15-20 July: 29th International Cartographic Conference (ICC2019)
Venue: Tokyo, Japan.

Oceania
September 2019

20. 18-21 September: 15th International Conference on GeoComputation 2019
Venue: Queenstown, New Zealand

5. Webinars

NASA’s Applied Remote Sensing Training Program will be providing a webinar series in January 2019 on how to use satellite imagery for Conservation & Biodiversity applications. This online webinar series introduces participants to the use of satellite data for conservation and biodiversity applications. The series will highlight specific projects that have successfully used satellite data. Examples include:

- monitoring chimpanzee habitat loss
- decreasing whale mortality
- detecting penguins
- monitoring wildfires
- biodiversity observation networks

This Webinar is open and you can register or find out more at https://arset.gsfc.nasa.gov/land/webinars/conservation-biodiversity-2018
Registration Closes: Tuesday, January 22, 2019

7. Training programs

- GeoForAll educational materials have been transferred to our new web site. GeoForAll educational inventory system, a place to search and share educational materials

11. Free books, educational materials, etc.


12. Articles

Abbreviations
by Nikos Lambrinos, Chief Editor, and Michael Finn.

For those who would like to support this effort, please send any abbreviations to the Chief Editor (labrinos@eled.auth.gr).

3DEP: 3-D Elevation Program
AAG: Association of American Geographers
AGS: American Geographical Society
AM/FM: Automated Mapping/Facilities Management
ASPRS: American Society for Photogrammetry and Remote Sensing
AURIN: Australian Urban Research Infrastructure Network
BBSRC: Biotechnology and Biological Sciences Research Council
BIM: Building Information Modelling
CAADP: Comprehensive African Agricultural Development Programme
CAD: Computer Aided Design
CaGIS: Cartography and Geographic Information Society
CEGIS: Center of Excellence for Geospatial Information Science
CEOS: Committee on Earth Observation Satellites
Ci: CyberInfrastructure
CLGE: The Council of European Geodetic Surveyors
CODATA: Committee on Data for Science and Technology
COGO: Coordinate geometry
CRS: Coordinate Reference System
CSA: Canadian Space Agency
CUDA: Compute Unified Device Architecture
DAAC: Distributed Active Archive Center (of NASA)
DEM: Digital Elevation Model
DSM: Digital Surface Models
DWG: Design file format
DXF: Drawing Interchange File
ECMWF: European Center for Medium range Weather Forecasting
EOS: Earth Observation Science
EOSDIS: Earth Observing System and Data Information System
EPA: Environmental Protection Agency
EPSG: European Petrol Survey Group (used in projection IDs)
ESA: European Space Agency
ESERO: European Space Education Resource Office
EUROGI: European Umbrella Organisation for Geographic Information
EuroSDR: European Spatial Data Research
FOSS: Free and Open Source Software
FOSS4G: Free and Open Source Software For Geospatial
GCP: Ground Control Point
GloFAS: Global Flood Awareness System
GNSS: Global Navigational Satellite System
GODAN: Global Open Data for Agriculture and Nutrition
GPS: Global Positioning System
GPX: GPS Exchange Format
GRASPgfs: Geospatial Resource for Agricultural Species and Pests and Pathogens with workflow integrated modeling to support Global Food Security
GSoC: Google Summer of Code
HOT: Humanitarian OpenStreetMap Team
HPC: high-performance computing
ICA: International Cartographic Association
ICSU–WDS: International Council for Science – World Data System
INSPIRE: Infrastructure for Spatial Information in Europe
ISPRS: International Society for Photogrammetry and Remote Sensing
JAXA: Japan Aerospace Exploration Agency
KML: Keyhole Markup Language
LiDAR: Light Detection and Ranging
LOC: Local Organizing Committee
LOD: Level Of Detail
MIL: Media and Information Literacy
MoU: Memorandum of Understanding
NAD: North American Datum
NCSA: National Center for Supercomputing Applications
NED: National Elevation Dataset
NEPAD: NEw Partnership for African Development
NGA: National Geospatial Intelligence Agency
16. Websites

1. Let’s talk about YouthMappers! A network of more than 5,000 university student mappers organized in 143 campus chapters across 41 countries. It is a website you should visit very often to be informed about what they are up to. It contains useful links and news from many places around the world.


3. Follow along with PostGIS Rocks! for PostGIS day, held every third Thursday of November, at http://postgisday.geoinquietos.org/. The website includes an archive of past contributions as well as a way for anyone to submit contributions.

4. Spatial education is key for creating global citizens. Details at https://www.osgeo.org/foundation-news/gis-at-schools/

5. Markus Neteler provides us an easy way to find GRASS GIS-related publications. Just follow https://scholar.google.com/citations?user=gJ0ZB0cA AAAJ
17. Ideas / Information

1. To post your FOSS4G educational information go to http://www.osgeo.org/education. There you can find more educational activities posted by members of our community.

FOSS4G is the annual global event of the Open Source Geospatial Foundation. It is the largest technical geospatial Open Source conference in the world. The FOSS4G conference focuses on Free and Open Source Software for Geospatial applications. In addition to high level technical talks four key domain are discussed every year to showcase the connection between free and open source software and communities from neighbouring domains.

2. The Group on Earth Observations (GEO) is an intergovernmental partnership that improves the availability, access and use of Earth observations for a sustainable planet. GEO promotes open, coordinated, and sustained data sharing and infrastructure for better research, policy making, decisions, and action across many disciplines. The GEO community focuses on three global priority engagement areas: the United Nations 2030 Agenda for Sustainable Development, the Paris Agreement, and the Sendai Framework for Disaster Risk Reduction.

The GEO Secretariat and the GEO Programme Board have launched the process to develop the 2020-2022 GEO Work Programme. You are invited to propose new GEO Flagships, Initiatives, or Community Activities. Implementation Plans for the proposed activities should be sent to the GEO Secretariat secretariat@geosec.org no later than 15 February 2019. Detailed information and guidance for the preparation of the Implementation Plans may be found at the 2020-2022 GEO Work Programme webpage at http://www.earthobservations.org/gwp2020_dev.php

For those new to GEO, the Work Programme consists of GEO Community Activities, GEO Initiatives, GEO Flagships, and GEO Foundational tasks, collectively known as the GEO Implementation Mechanisms. You can get an overview idea from the GEO 2017-2019 Work Programme at http://www.earthobservations.org/geoss_wp.php


4. International Summer School organized by Spatial Ecology (www.spatial-ecology.net) held at the Univ. of Basilicata, in the magnificent town Matera, Italy.

Geocomputation using free and Open Source Software (3th-7th June 2019).

A 5-day intense experience opening new horizons on the use of the vast potentials of Linux environment and the command line approach for geo-data massive processing using Bash, AWK, Python, GRASS, QGIS, GDAL/OG, R, PKtools. We will guide newbies and experienced GIS&RS users who have never used a command line terminal to a stage which will allow them to understand and apply very advanced open source data-processing routines. Our focus is to enhance a self-learning approach and programming-languages integration. This allows participants to keep progressing and improving their skills in a continuously evolving technological environment.

More information and registration at www.spatial-ecology.net
5. The GIScience Research Group at Heidelberg University and the Heidelberg Institute for Geoinformation Technology (HeiGIT) are happy to share their GIScience github repository. It contains over 50 open source repositories and it’s still growing. These contain results from several research projects and in particular also some very active long term activities. Most of the tools and services are related to OpenStreetMap and related Volunteered Geographic Information (VGI) sources, but also 3D geodata e.g. the Heidelberg LiDAR Operations Simulator Helios, the Voxel Octree Solar Toolkit Vostok, the 3D WebGIS framework GIScene.js etc.

6. The European Open Science Cloud (EOSC) was launched by the European Commission, the Member States, and the scientific community to provide a safe environment for researches to store, analyse, and re-use data for research, innovation, and educational purposes. Details at https://www.eosc-portal.eu.

7. Registrations for the 2019 Summer School on spatial and spatiotemporal computing: processing large-scale Earth observation (University of Münster, Sept 1–7, 2019) are now open. For more info see: https://opengeohub.org/summer_school_2019

Registration deadline: 15th of February 2019 24:00 CET.

This summer school is limited to 65 participants. In the case of higher number of applications invitations candidates will be selected based on a ranking system, which is based on: solidarity, academic output and contributions to the open source projects. To remove geographical bias, participants coming from more distant areas have a priority on the rankings list.