



GeoForAll

Monthly Newsletter



Be part of "Geo for All"

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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/)

4. Conferences

Europe

July 2019

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

August 2019

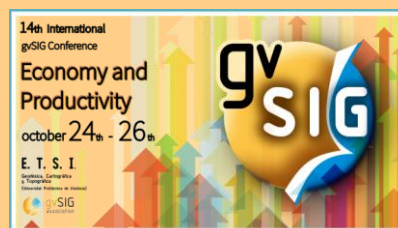
- 26-30 August: [FOSS4G Bucharest 2019](#)
Venue: Bucharest, Romania

September 2019

- 19-20 September: [Hot Summit 2019](#)
Venue: Heidelberg, Germany
- 21-23 September: [State of the Map](#)
Venue: Neuenheimer Feld campus, Chemistry lecture hall building, Heidelberg, Germany

October 2019

- 8-9 October: [1st International Workshop on Legal and Ethical Issues in Crowdsourced Geographic Information](#)
Venue: University of Zurich, Zurich, Switzerland
- 22-24 October: [Inspire Helsinki 2019](#).
Venue: [Epicenter](#) venue, Helsinki, Finland
- 23-25 October: [JIIDE 2019](#) (in Spanish)
Venue: San Francisco Cultural Complex, San Francisco Round s / n, CÁCERES, Spain
- 24-26 October: [14th International gvSIG Conference](#)
Venue: School of Engineering in Geodesy, Cartography and Surveying, Universitat Politècnica de València, Spain.



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Editorial Board

Please refer to the appropriate person according to the following table:

<p>Chief Editor</p> 	<p>Nikos Lambrinos, Professor, Dept. of Primary Education, Aristotle University of Thessaloniki, Greece. President of the Hellenic digital earth Centre of Excellence labrinos@eled.auth.gr</p>	Oceania
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	<p>Paulo César Coronado Sánchez, Professor of computer sciences at Universidad Distrital Francisco José de Caldas, Head of GISEPROI and OSGeoLabUD research Group. Bogotá, Colombia paulocoronado@gmail.com</p>	Translator and designer of the Spanish Edition



GeoForAll Themes

▪ OpenCity Smart

➤ Chairs: Chris Pettit (Australia), Patrick Hogan (USA)

➤ Mail list: <http://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-urbanscience>

➤ Website:

<http://wiki.osgeo.org/wiki/Opencitysmart>

▪ Teacher Training & School Education

➤ Chairs: Elżbieta Wołoszyńska-Wiśniewska (Poland), Nikos Lambrinos (Greece)

➤ Mail list: geoforall-teachertraining@lists.osgeo.org

➤ Website:

http://wiki.osgeo.org/wiki/GeoForAll_TeacherTraining_SchoolEducation

▪ CitizenScience

➤ Chairs: Peter Mooney (Ireland) and Maria Brovelli (Italy)

➤ Mail list: <https://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-geocrowd>

➤ Website:

http://wiki.osgeo.org/wiki/Geocrowdsourcing_CitizenScience_FOSS4G

▪ AgriGIS

➤ Chairs: Didier Leibovici (U.K.) and Nobusuke Iwasaki (Japan)

➤ Mail list: <https://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-agrigis>

➤ Website: <http://wiki.osgeo.org/wiki/Agrigis>

GeoForAll Regional Chairs and Contact Information

North America Region

Chairs: Helena Mitasova (USA), Charles Schweik (USA), Phillip Davis (USA) Subscribe at mail list <http://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-northamerica>

Email: na.gfa.chair@osgeo.org

Iberoamerican Region

Chairs: Sergio Acosta y Lara (Uruguay) and Silvana Camboim (Brazil) and Antoni Pérez Navarro (Spain). Subscribe at mail list:

<https://lists.osgeo.org/mailman/listinfo/geoforall-iberoamerica>

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Africa Region

Chairs: Msilikale Msilanga (Tanzania), Serena Coetzee (South Africa) and Bridget Fleming (South Africa) Subscribe at mail list

<http://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-africa>

Email: africa.gfa.chair@osgeo.org

Asia Region (including Australia)

Chairs: Tuong Thuy Vu (Malaysia/Vietnam) and Venkatesh Raghavan (Japan/India) Subscribe at maillist <http://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-asiaaustralia>

<http://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-asiaaustralia>

Email: asia.gfa.chair@osgeo.org

Europe Region

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<http://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-europe>

Email: eu.gfa.chair@osgeo.org



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November 2019

9. 1-4 November: [12th International Conference of the Hellenic Geographical Society](#) (ICHGS - 2019). "INNOVATIVE GEOGRAPHIES: Mapping and Modeling our World"
Venue: National Technical University of Athens, Athens, Greece



10. 14-16 November: [XI Conference of users of R](#) (in Spanish)
Venue: REPSOL Auditorium and UNED Faculty of Education, Madrid, Spain

May 2020

11. 12-15 May: [INSPIRE Conference 2020](#)
Venue: Dubrovnik, Croatia

North and Central America and the Caribbean

July 2019

12. 9-10 July: [Jornada de SIG y Teledetección Libre de Costa Rica](#)
Venue: Auditorio de Educación Continua, University of Costa Rica, School of Geography

August 2019

13. 15-16 August: [11th Conference of Latin America and the Caribbean of gvSIG](#): "Geotechnologies, contributing to the solution of problems of the territory"
Venue: University of Guanajuato, Mexico.



December 2019

14. 9-13 December: [AGU Meeting](#)
Venue: San Francisco, California, 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.

Asia

July 2019

16. 15-20 July: [29th International Cartographic Conference \(ICC2019\)](#)
Venue: Tokyo, Japan.



August 2019

17. 1-3: August: [Pista ng Mapa](#) ("Feast of Maps").
Venue: Foundation University, Dumaguete, Manila, Philippines

September 2019

18. 19-20 September: [CODATA 2019](#).
Venue: Beijing, China

November 2019

19. 18-21 November: [Eighth International Conference on Agricultural Statistics \(ICAS VIII\)](#)
Venue: ICAR-Indian Agricultural Statistics Research Institute, New Delhi, India

Oceania

September 2019

20. [New Zealand Geospatial Research Conference 2019](#)



Venue: Queenstown Memorial Centre in Queenstown, Otago

21. 18-21 September: 15th International Conference on [GeoComputation 2019](#)

Venue: Queenstown, New Zealand



November 2019

22. 12-15 November: [FOSS4G SotM Oceania 2019](#)

Venue: Rutherford House, Victoria University, Wellington, New Zealand

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](#)
- Carleton University's Department of Geography & Environmental Studies, Agriculture and Agri-Food Canada, and Natural Resources Canada have teamed up to deliver a 5-day course which promises to unlock the world of Synthetic Aperture Radar (SAR). Upon completion of this training, participants will be equipped with the skills needed to access, pre-process and analyze SAR data. The course interweaves lectures with hands-on labs, over 5 days (August 12-16, 2019).

This course is aimed at people who already have background in optical remote sensing and image processing, but does not assume any background in SAR.

Please visit

<https://carleton.ca/geography/introduction-to-synthetic-aperture-radar-terrestrial/> for more details or to register.

- Second annual global World Commons Week (October 6-12, 2019) is being organized by Charlie Schweik to run local events around OSGeospatial technologies and education. If you'd like to propose your own GeoForAll/OSGeo related local event (e.g., a workshop on a FOSS4G topic, a lecture, a community mapping project, etc.) for the week of October 6-12, 2019 at your own location, please complete this online survey: <https://forms.gle/tWnZrXjZmdJn7A687>

Charlie believes that there are two possible options:

a) **GeoForAll labs propose local training events for that week in their local communities**

Maybe, as a network, we could have a number of GeoForAll nodes all sign up to do some kind of training or promotional event at their lab during the week of October 6-12, 2019 – promoting OSGeo-related products in their local communities.

b) **A coordinated web-based "miniconference" across GeoForAll labs on some half-day during the week of Oct 6-12, 2019?**

As an example: In last year's World Commons Week, an international group led by Professor Tim Randhir led a web-based "mini-conference" where, using Zoom, Tim coordinated webinars where each global participant presented some of their work.

- The CODATA-RDA Research Data Science school.

December 2-13, 2019, Jan Jose, Costa Rica.

This school will provide early career researchers (at MSc-level to 3 years after their PhD) from the Latin American Region with the necessary set of foundational data science skills to enable them to analyze their data in an efficient and effective manner for the 21st century.

Description:

The material covered here is fundamental to all areas of data science and hence open to researchers and



professionals from all disciplines that deal with significant amounts of data. The goal is to provide a practical introduction to these topics with extensive labs and seminars.

Topics:

- Open Science
- Introduction to Unix Shell
- Programming for Analysis
- Git
- Research Data Management
- Author Carpentry
- Data Visualization
- Information Security
- Machine Learning
- Computational Infrastructures

Online application:

<https://www.ictp-saifr.org/sis/datasci2019.php>

12. Articles

Acronyms

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

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

3DEP: 3-D Elevation Program

AAG: Association of American Geographers

AGS: American Geographical Society

AGU: American Geophysical Union

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

IDE: Spatial Data Infrastructure

INSPIRE: Infrastructure for Spatial Information in Europe

IPGH: Pan American Institute of Geography and History

ISO: International Organization for Standardization

ISPRS: International Society for Photogrammetry and Remote Sensing

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

NHD: National Hydrologic Dataset

NLCD: National Land Cover Dataset

NSDI: National Spatial Data Infrastructure

NSF: National Science Foundation

OECD: Organisation for Economic Co-Operation and Development

OER: Open Educational Resources

OGC: Open Geospatial Consortium

OHI: International Hydrographic Office

OSGeo: Open Source Geospatial Foundation

OSM: OpenStreetMap

OTB: Orfeo Tool Box

RCMRD: Regional Centre for Mapping of Resources for Development

RDA: Research Data Alliance

ROSHYDROMET: Russian Federal Service for Hydrometeorology and Environmental Monitoring

RUFORUM: Regional Universities Forum for capacity building in agriculture

SaaS: Software as a Service

SAR: Synthetic Aperture Radar

SDI: Spatial Data Infrastructure

SIG: Geographic Information System

SIGTE: The GIS and Remote Sensing Service of the University of Girona, Spain

SQL: Structured Query Language

STISA 2024: Science Technology Innovation Strategy for Africa

STSM: Short Term Scientific Missions

TIN: Triangulated Irregular Network

UAV: Unmanned Aerial Vehicle

UML: Unified Modeling Language

UN-GGIM: United Nations Global Geospatial Information Management



USGS: U.S. Geological Survey
 USGIF: United States Geospatial Intelligence Foundation
 VGI: Volunteered Geographic Information
 XSEDE: Extreme Science and Engineering Discovery Environment
 WCS: Web Coverage Service
 WFS: Web Feature Service
 WGCapD: Working Group on Capacity Building and Data Democracy
 WGS: World Geodetic System
 WISERD: Wales Institute of Social & Economic Research, Data & Methods
 WMO: World Meteorological Organization
 WMS: Web Map Service
 WMTS: Web Map Tiles Services
 WOIS: Water Observation Information System
 WPS: Web Processing Service

Details at

http://www.earthobservations.org/gwp2020_dev.php

3. From Marco Minghini
 (marco.minghini@ec.europa.eu)

Dear colleagues,

The [Inspire Helsinki 2019](#) event takes place in Helsinki on 22-24 October 2019. The event strives to look at how the latest technologies and spatial data can improve both decision making and the daily life of everyone. The goal is to bring 150 developers, project managers, technical people, and influencers of the European spatial data infrastructure to Helsinki to demonstrate the capacity of latest technologies and to see what can be achieved with European spatial data now and in the future. The event hosts data challenges and technical workshops. The event is organized by the [National Land Survey of Finland](#), the [Ministry of Agriculture and Forestry](#), and supported by the [Joint Research Centre of the European Commission](#).

Teams that are interested in solving the [Data Challenges](#) of the event should [sign up](#) by August 16. The first 10 teams to sign up are eligible for one (1) 100% discount code per team for the event in Helsinki (save up to 350€). The data challenges will be solved in September, and the best results will be presented at the event in October. Great [prizes](#) are also available for the winning teams, such as a free entry to the [INSPIRE Conference 2020](#) in Dubrovnik!

The [registration](#) for the Inspire Helsinki 2019 event is also open and there are currently about 100 seats available.

Please spread the word and forward this information to the appropriate persons in your universities, companies, and networks!

For more information on the programme, please check <https://www.inspire-helsinki-2019.fi/programme>.

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. Group on Earth Observations (GEO) is pleased to announce that the [first version of the 2020-2022 GEO Work Programme](#) is now available. In addition to this summary document, you can download the full implementation plans for each proposed activity on our [website](#).

