



GeoForAll

Monthly Newsletter



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4. Conferences

Europe

September 2024

1. 9-10: [QGIS User Conference 2024](#)

Venue: Faculty of Civil Engineering, Slovak Technical University, Bratislava, Slovakia

2. 25-27: [5th Spatial Humanities Conference 2024](#)

Venue: Bamberg, Germany

October 2024

3. 14-16: [XX Congress of Geographic Information Technologies](#)

Venue: Palma, Mallorca, Balearides Islands, Spain

South America

September 2024

4. 24-26: [Annual Conference](#) of Pan American Institute of Geography and History (PAIGH) – National Section

Venue: Uruguay (exact location to be confirmed)

November 2024

5. 4-8: [XXI SIMPOSIO INTERNACIONAL SELPER](#)

Venue: Belém, Brazil

December 2024

6. 01-08: [FOSS4G](#) (stay tuned for more news in the future)

Venue: Belém, state of Pará, Brazil

Asia

November 2024

7. 17-21: The 2nd [Ramon International Geospatial Intelligence 360](#)

Conference Geospatial Intelligence for Sustainable and Resilient Future

Venue: Tel-Aviv, Israel

North America and Central America

September 2024

8. 9-11: [FOSS4G NA 2024](#)

Venue: St. Louis, MO, USA

October 2024

9. 14-16: [I-Guide Forum 2024](#)

Venue: Jackson, Wyoming, USA



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>Co-editor</p> 	<p>Antoni Perez Navaro, Associate Professor at Universitat Oberta de Catalunya (UOC) Computer Sciences and Multimedia Department aperezn@uoc.edu</p>	Italy, Malta, Spain, Portugal, France, Belgium, The Netherlands, Luxemburg.
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<p>Co-editor</p> 	<p>Sergio Acosta Y Lara, Departamento de Geomática Dirección, Nacional de Topografía, Ministerio de Transporte y Obras Públicas, URUGUAY sergio.acostaylara@mtop.gub.uy</p>	South America
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<p>Production Designer</p> 	<p>Nikos Voudrisslis, MSc, PhD in geography education. nvoudris@gmail.com</p>	Design and final formation of the newsletter
	<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

Theme under revision

▪ 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>

Email: geoforall-iberoamerica@lists.osgeo.org.

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

Chairs: Maria Brovelli (Italy) and Peter Mooney (Ireland) Subscribe at mail list

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

Email: eu.gfa.chair@osgeo.org



GeoAmbassador Content table

July 2016, Vol.2, no.7	Prof. Georg Gartner, Vienna University of Technology
Aug 2016, Vol.2, no.8	Prof. Silvana Philippi Camboim, Federal University of Paraná, Brazil
Sep 2016, Vol.2, no.9	Nimalika Fernando, Sri Lanka
Oct 2016, Vol.2, no.10	Sergio Acosta Y Lara, Montevideo Uruguay
Nov 2016, Vol. 2, no. 11	Victoria Rautenbach, Centre of Geoinformation Science Univ. of Pretoria, South Africa
Dec 2016, Vol.2, no.12	Dr. Daria Svidzinska, Taras Shevchenko National University of Kyiv, Ukraine
Jan 2017, Vol.3 no.1	Dr. Mark Ware, University of South Wakes, UK
Feb 2017, Vol.3, no. 2	Dr. Rafael Moreno Sanchez, Department of Geography and Environmental Sciences, University of Colorado Denver, USA
March 2017, Vol.3 no.3	Dr. Tuong Thuy Vu, School of Environmental and Geographical Sciences, University of Nottingham, Malaysia campus
April 2017, Vol.3 no.4	Michael P. Finn, U.S. Geological Survey
May 2017, Vol.3 no.5	Dr. Peter Mooney, Maynooth University, NASA
June 2017, Vol.3 no.6	Patrick Hogan, NASA
July 2017, Vol.3 no.7	Prof. Dr. Josef Strobl, Salzburg
September 2017, Vol.3 no.9	Bridget Fleming, South Africa
October 2017, Vol.3 no.10	Sven Schade, Joint Research Centre, Italy
November 2017, Vol.3 no.11	Luciene Stamato Delazari, Universidade Federal do Paraná in Brazil
December 2017, Vol.3 no.12	Charlie Schweik, Univ. of Massachussets, USA
January 2018, Vol.4 no.1	Julia Wagemann, European Centre for Medium-Range Weather Forecasts
February 2018, Vol.4 no.2	Barend Köbben, Department of Geo-Information Processing University of Twente
March 2028, Vol.4 no.3	Kurt Menke, Birds Eye View
April 2018, Vol.4 no.4	Dr. Clous Rinner, Department of Geography and Environmental Studies at Ryerson University, Toronto, Canada
June 2018, Vol.4, no.6	Martin Landa, Department of Geomatics, Faculty of Civil Engineering, Czech Technical University (CTU) in Prague

Lab of the Month, Content table

Aug 2015, Vol.1 no.1	Open Source Geospatial Lab, Kathmandu University, Nepal (Asia)
Sep 2015, Vol.1 no.2	FOSS4G Lab, University of Colorado Denver (USA)
Oct 2015, Vol.1, no.3	Open Source Geospatial Lab, University of Southampton, UK (Europe)
Nov 2015, Vol.1 no.4	The Northeast Institute of Geography and Agroecology of Chinese Academy of Science, China (Asia)
Jan 2016 , Vol.2 no.1	Centre for Geoinformation Science, University of Pretoria, South Africa, (Africa)
Feb 2016, Vol.2 no.2	Open Source Geospatial Lab, University of Newcastle, UK, (Europe)
Mar 2016, Vol.2 no.3	SMART Open Source Geospatial Lab, University of Wollongong, (Australia)
Apr 2016, Vol.2 no.4	Regional Centre for Mapping of Resources for Development, Nairobi, Kenya (Africa)
May 2016, Vol.2 no.5	GeoDa Centre – Arizona State University, (USA)
June 2016, Vol.2 no.6	Direccion Nacional de Topografia – MTOP Montevideo, Uruguay, (South America)
July 2016, Vol.2 no.7	SIGTE – University of Girona, Spain (Europe)
August 2016, Vol.2 no.8	Open Source Geospatial Lab, Department of Geodesy and Surveying, Budapest Univ. of Technology and Economics, Hungary (Europe).
September 2016, Vol.2 no.9	Open Source Geospatial Lab, Faculty of Geodesy, University of Zagreb, Croatia, (Europe)
October 2016, Vol.2 no.10	Hellenic digital earth Centre of Excellence, Aristotle University of Thessaloniki, Greece, (Europe)
November 2016, Vol.2 no.11	Department of Geoinformatics, Palacký University in Olomouc, Czech Republic
December 2016, Vol.2 no.12	Asian Institute of Technology, Bangkok, Thailand
January 2017, Vol.3 no.1	Spatial Lab, Texas A&M, Corpus Christi, USA
February 2017, Vol.3 no.2	Open Source Geospatial Lab, Faculty of Civil Engineering, Belgrade, Serbia
March 2017, Vol.3 no.3	Geomatics and Earth Observation Laboratory (GEOLab) , Politecnico di Milano, Italy
April 2017, Vol.3 no.4	Faculty of Civil Engineering, Department of Geomatics, Czech Technical University in Prague, Czech Republic
May 2017, Vol.3 no.5	the Laboratory of socio-geographical research of the University of Siena, ITALY
June 2017, Vol.3 no.6	A World Bridge program
July 2017, Vol.3 no.7	Department of Civil, Environmental and Mechanical Engineering of the University of Trento, Italy
August 2017, Vol.3 no.8	Institute of Geography, Faculty of Science, Pavol Jozef Šafárik University in Košice, Slovakia
November 2020, Vol.6 no.11	Universitat Oberta de Catalunya (UOC), Spain
January 2021, Vol.7 no.01	gvSIG Uruguay Community, Uruguay



5. Webinars

- If you want to start learning how to use QGIS, there are some excellent free resources at <https://www.gislounge.com/free-ways-to-learn-qgis/>

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](#)
- [Short course 45 OSI SAF sea ice climate records](#)
Start date: September 10, 2024
End date: September 10, 2024
Format/Training type: Short course / Zoom webinar
Organizer: OSI SAF Sea Ice
Host: EUMETSAT
Language: English
- [Copernicus MOOC](#)
On going MOOCs in English.
The course addresses three key topics
 - Chapter 1 – Understanding Copernicus data and services – what they are, and how they can be accessed and used
 - Chapter 2 – Learning from success stories – understanding how existing Copernicus-enabled services and applications have been developed and deployed
 - Chapter 3 – Doing it yourself – acquiring the key skills and knowledge to develop and deploy Copernicus-enabled products and services and to navigate the Copernicus ecosystem.



11. Free books, educational materials, etc.

- Visit the YouTube QGIS channel at <https://www.youtube.com/channel/UCGS162t4hkOA0b35ucf1yng/videos> to get videos of QGIS applications, representations and ideas.
- [GeoFocus](#) (ISSN:1578-5157) is the open-access Journal of the [Geographical Information Technologies Working Group](#) of the [Spanish Geographical Association](#). It has been continuously published since 2001 in electronic format and without **publication fees**, and it is open to contributions from the international scientific community, being a reference publication in the field of theory, methods, developments, and applications of Geographical Information Science and Technology. Two annual issues are published, and the official publication languages are English, Spanish, and Portuguese.

12. Article

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

AGI: Ambient Geographic Information

AGS: American Geographical Society

AGU: American Geophysical Union

AI: Artificial Intelligence

AM/FM: Automated Mapping/Facilities Management



AOSP: African Open Space Platform	DAAC: Distributed Active Archive Center (of NASA)
API: Application Programming Interface	DEM: Digital Elevation Model
ASPRS: American Society for Photogrammetry and Remote Sensing	DSM: Digital Surface Models
AURIN: Australian Urban Research Infrastructure Network	DWG: Design file format
BBSRC: Biotechnology and Biological Sciences Research Council	DXF: Drawing Interchange File
BDS: BeiDou Navigation Satellite Demonstration System	ECMWF: European Center for Medium range Weather Forecasting
BIM: Building Information Modelling	EOS: Earth Observation Science
CAADP: Comprehensive African Agricultural Development Programme	EOSDIS: Earth Observing System and Data Information System
CAD: Computer Aided Design	EPA: Environmental Protection Agency
CaGIS: Cartography and Geographic Information Society	EPSG: European Petrol Survey Group (used in projection IDs)
CCGI: Collaboratively Contributed Geographic Information	ESA: European Space Agency
CEGIS: Center of Excellence for Geospatial Information Science	ESERO: European Space Education Resource Office
CEOS: Committee on Earth Observation Satellites	EUROGI: European Umbrella Organisation for Geographic Information
CHIRPS - Climate Hazards Group InfraRed Precipitation with Station data	EuroSDR: European Spatial Data Research
CI: CyberInfrastructure	FDO: FAIR (Find, Access, Interoperate, and Reuse) Digital Objects
CLGE: The Council of European Geodetic Surveyors	FOSS: Free and Open Source Software
CODATA: Committee on Data for Science and Technology	FOSS4G: Free and Open Source Software For Geospatial
COGO: Coordinate geometry	GCP: Ground Control Point
CRC: Census Research Centre	GDAL: Geospatial Data Abstraction Library
CRS: Coordinate Reference System	GEO: Group on Earth Observations
CSA: Canadian Space Agency	GEO: Geosynchronous Earth Orbits
CSSTEAP: Center for Space Science & Technology Education in Asia and the Pacific	GloFAS: Global Flood Awareness System
CUDA: Compute Unified Device Architecture	GNSS: Global Navigational Satellite System
	GODAN: Global Open Data for Agriculture and Nutrition
	GPS: Global Positioning System
	GPX: GPS Exchange Format
	GRACE: Gravity Recovery and Climate Experiment (satellite program)



GRASPgfs: Geospatial Resource for Agricultural Species and Pests and Pathogens with workflow integrated modeling to support Global Food Security

GSoC: Google Summer of Code

HLPF: High Level Political Forum (of UN)

HOT: Humanitarian OpenStreetMap Team

HPC: high-performance computing

ICA: International Cartographic Association

ICIMOD – International Centre for Integrated Mountain Development

ICSU-WDS: International Council for Science – World Data System

IDE: Spatial Data Infrastructure

IFAD – International Fund for Agricultural Development

INSPIRE: Infrastructure for Spatial Information in Europe

IPCC – Intergovernmental Panel on Climate Change

IPGH: Pan American Institute of Geography and History

ISO: International Organization for Standardization

ISPRS: International Society for Photogrammetry and Remote Sensing

ISRO: Indian Space Research Organization

JAXA: Japan Aerospace Exploration Agency

KML: Keyhole Markup Language

LBS: Location-Based Service

LEO: Low Earth Orbits

LiDAR: Light Detection and Ranging

LOC: Local Organizing Committee

LOD: Level Of Detail

MEO: Medium Earth Orbits

MIL: Media and Information Literacy

MoU: Memorandum of Understanding

MSS: Multispectral Scanner

NAD: North American Datum

NARSS: National Authority for Remote Sensing and Space Sciences of Egypt

NCSA: National Center for Supercomputing Applications

NDVI - Normalized Difference Vegetation Index

NDWI - Normalized Difference Water Index

NED: National Elevation Dataset

NEPAD: NEw Partnership for African Development

NGA: National Geospatial Intelligence Agency

NHD: National Hydrologic Dataset

NIR - Near-Infrared

NLCD: National Land Cover Dataset

NOOSA: United Nations Office for Outer Space Affairs

NRSA: Indian National Remote Sensing Agency

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

PPGIS: Public Participation in Geographic Information Systems

PPSR: Public Participation in Scientific Research

RBV: Return Beam Vidicon

RCMRD: Regional Centre for Mapping of Resources for Development

RDA: Research Data Alliance

ROSCOSMOS: Russian Federal Space Agency

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
 SDG: Sustainable Development Goal
 SDI: Spatial Data Infrastructure
 SIG: Geographic Information System
 SIGTE: The GIS and Remote Sensing Service of the University of Girona, Spain
 SPIDER: open SPAtial data Infrastructure eDUcation nEtwoRk
 SQL: Structured Query Language
 STISA 2024: Science Technology Innovation Strategy for Africa
 STSM: Short Term Scientific Missions
 SWIR: Short Wave Infrared
 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
 VNIR: Visible Near Infrared
 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

17. Ideas / Information

1. If you are interested in educational material, then go to <https://www.osgeo.org/initiatives/geo-for-all/in-your-classroom/> where you can find software resources for your classroom. Also, go to “Resources” <https://www.osgeo.org/resources/> to get a guidance on how to use open source projects and tools.

2. From Prof. Suchith Anand, University of Exeter, UK.

ISRO has released data from the Chandrayaan-3 mission for global research, celebrating the first anniversary of India’s Moon landing. Indian Space Science Data Center (ISSDC) is the nodal center for archiving planetary missions' data of ISRO.

Chandrayaan-3 datasets are now available on PRADAN (Policy based data Retrieval, Analytics, Dissemination And Notification system) which is a browse and dissemination web application, designed by ISSDC to disseminate Chandrayaan data to the scientific community.

More details at

https://www.isro.gov.in/Release_of_Chandrayaan-3_science_data_to_the_Scientific_Community.html

<https://pradan.issdc.gov.in/ch3/>

