



GeoForAll

Monthly Newsletter



Be part of "Geo for All"

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4. Conferences

NORTH AMERICA

April 2022

1. 1-3 April: [State of the Map US 2022](#)

Venue: University of Arizona, Tucson, Arizona, USA

Organizer: OpenStreetMap US

October 2022

2. 14-16 October: [National Council for Geographic Education](#) (NCGE)

Venue: Minneapolis, MN, USA

SOUTH AMERICA

May 2022

3. 19-21 May: [Landscape and Cartography](#)

Venue: Department of Landscaping and Public Space of the Faculty of Architecture, Design and Urbanism of the University of the Republic, Fray Bentos Río Negro Uruguay

EUROPE

April 2022

4. 11-13 April: [GA Annual Conference and Exhibition 2022](#)

Venue: University of Surrey in Guildford, UK

May 2022

5. 5-7 May: [EUROGEO Annual Conference](#) "Re-Visioning geography for sustainability in the post-CVID era"

Venue: University of the Aegean, University Hill, Mytilene, Lesvos Island, Greece

Organizer: EUROGEO



6. 23-25 May: [16th International Congress of the Greek Geological Society](#)

Venue: University of Patras, Patras, Greece

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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>Co-editor</p> 	<p>Rania Elsayed, Computers & Information Researcher, Division of Scientific Training & Continuous Studies, National Authority for Remote Sensing & Space Sciences, Cairo, Egypt. ranyaalsayed@gmail.com</p>	Africa
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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

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>

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 Colarado 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



7. 23-27 May: [Living Planet](#)

Venue: Bonn, Germany (may be online – to be decided)

June 2022

8. 8-9 June: [Jornadas de SIG Libre](#) (Free SIG Days).

Venue: Girona, Spain

Organizer: University of Girona

July 2022

9. 5-8 July: [GISalzburg22](#). Designing future with Geoinformatics

Venue: Salzburg, Austria

10. 12-13 July: [IGU-CGE: Teaching Geography: Past and Future Challenges](#).

Venue: Rennes, France

11. 18-22 July: [IGU Centennial Conference Paris](#).

Venue: Sorbonne, Institut de Géographie, Société de Géographie.

August 2022

12. 22-28 August: [FOSS4G 2022 International Conference](#)

Venue: Firenze (Florence), Italy

13. 30 August – 2 September: [RGS-IBG Annual International Conference](#)

Venue: Newcastle University, UK

6. Courses

- International Distance Training Course on the Basic Principles of Satellite Remote-Sensing
Start date: April 18
End date: April 29
Host: China Meteorological Administration Training Centre (RTC-Beijing)
Organizer: China Meteorological Administration Training Centre (RTC-Beijing)
Format/Training Type: Online Course
Language: English
Contact Name: DENG Jingmian
Contact Email: applycmatc@cma.gov.cn
Fees: No
Link: <https://forms.office.com/r/UUL21TQw2k>
- ESA Living Planet Symposium 2022
Start Date: May 23 2022
End Date: May 27 2022
City: Bonn, Germany
Host: ESA, DLR
Organizer: ESA, DLR
Format/Training Type: **Conference**
Language: **English**
Application Deadline: **May 22, 2022**
Contact Name: Amalia Castro
Contact Email: amalia.castro.gomez@esa.int
Fees: Fee For Students: 25 Eur. Fee For Regular Participants: 75 Eur
Link:
https://lps22.esa.int/frontend/index.php?folder_id=4254&page_id=

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/> and https://www.gislounge.com/self-guided-qgis-courses/?utm_medium=email&utm_campaign=GISNL-Aug-27-2020&utm_source=YMLP

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](#)



8. Key Research Publications

- “Community-Engaged Regenerative Mapping in an Age of Displacement and COVID-19” available at <https://www.tandfonline.com/doi/abs/10.1080/24694452.2021.1978838>
- “Displacement of the Scholar? Participatory Action Research under COVID-19” available at <https://www.frontiersin.org/articles/10.3389/fsufs.2022.762065/abstract>
- “Hydrography90m: A new high-resolution global hydrographic dataset” available at <https://essd.copernicus.org/preprints/essd-2022-9/>

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.

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

AGI: Ambient Geographic Information

AGS: American Geographical Society

AGU: American Geophysical Union

AI: Artificial Intelligence

AM/FM: Automated Mapping/Facilities Management

API: Application Programming Interface

ASPRS: American Society for Photogrammetry and Remote Sensing

AURIN: Australian Urban Research Infrastructure Network

BBSRC: Biotechnology and Biological Sciences Research Council

BDS: BeiDou Navigation Satellite Demonstration System

BIM: Building Information Modelling

CAADP: Comprehensive African Agricultural Development Programme

CAD: Computer Aided Design

CaGIS: Cartography and Geographic Information Society

CCGI: Collaboratively Contributed Geographic Information

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

CRC: Census Research Centre

CRS: Coordinate Reference System

CSA: Canadian Space Agency

CSSTEAP: Center for Space Science & Technology Education in Asia and the Pacific

CUDA: Compute Unified Device Architecture

DAAC: Distributed Active Archive Center (of NASA)

DEM: Digital Elevation Model



DSM: Digital Surface Models	HOT: Humanitarian OpenStreetMap Team
DWG: Design file format	HPC: high-performance computing
DXF: Drawing Interchange File	ICA: International Cartographic Association
ECMWF: European Center for Medium range Weather Forecasting	ICSU-WDS: International Council for Science – World Data System
EOS: Earth Observation Science	IDE: Spatial Data Infrastructure
EOSDIS: Earth Observing System and Data Information System	INSPIRE: Infrastructure for Spatial Information in Europe
EPA: Environmental Protection Agency	IPGH: Pan American Institute of Geography and History
EPSG: European Petrol Survey Group (used in projection IDs)	ISO: International Organization for Standardization
ESA: European Space Agency	ISPRS: International Society for Photogrammetry and Remote Sensing
ESERO: European Space Education Resource Office	ISRO: Indian Space Research Organization
EUROGI: European Umbrella Organisation for Geographic Information	JAXA: Japan Aerospace Exploration Agency
EuroSDR: European Spatial Data Research	KML: Keyhole Markup Language
FOSS: Free and Open Source Software	LBS: Location-Based Service
FOSS4G: Free and Open Source Software For Geospatial	LEO: Low Earth Orbits
GCP: Ground Control Point	LiDAR: Light Detection and Ranging
GDAL: Geospatial Data Abstraction Library	LOC: Local Organizing Committee
GEO: Group on Earth Observations	LOD: Level Of Detail
GEO: Geosynchronous Earth Orbits	MEO: Medium Earth Orbits
GloFAS: Global Flood Awareness System	MIL: Media and Information Literacy
GNSS: Global Navigational Satellite System	MoU: Memorandum of Understanding
GODAN: Global Open Data for Agriculture and Nutrition	MSS: Multispectral Scanner
GPS: Global Positioning System	NAD: North American Datum
GPX: GPS Exchange Format	NCSA: National Center for Supercomputing Applications
GRACE: Gravity Recovery and Climate Experiment (satellite program)	NED: National Elevation Dataset
GRASPgfs: Geospatial Resource for Agricultural Species and Pests and Pathogens with workflow integrated modeling to support Global Food Security	NEPAD: NEw Partnership for African Development
GSoC: Google Summer of Code	NGA: National Geospatial Intelligence Agency
HLPF: High Level Political Forum (of UN)	NHD: National Hydrologic Dataset
	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. [Open-Source Science in the Cloud Collaboration](#)

NASA and the European Space Agency (ESA) released a new open source and science tool called the [Multi-Mission Algorithm and Analysis Platform \(MAAP\)](#). Combining NASA and ESA, these two agencies lead the world in providing satellite and



remote sensing data for understanding the Earth's environment.

3. Call for article submission

[The International Journal for Participatory Mapping](#) (IJPM) Editorial Board (journal@pmappingsociety.org) has identified special themes for the first four issues which will cover the first two years of the publication. Papers can be submitted for peer review anytime before the deadlines outlined in the theme calls. You need to indicate your intent to submit a paper by email to the guest editor of a special issue with the title of the paper, authors, and abstract. The full manuscript, as a word document, will be uploaded to [IJPM Dashboard](#).

Issue 1 - Unravelling the history, theory, scope, and politics of participatory mapping (submit by June 1st, 2022)

Issue 2 - Methods and Practice of Participatory Mapping (submit by December 1st, 2022)

Issue 3-Indigenous and Rural Community Mapping (submit by April 2023)

Issue 4 - The Impact of Participatory Mapping on Urban Planning and Development (submit by August 2023)

If you're unsure if your topic fits within the scope of the journal, please email journal@pmappingsociety.org.

4. From Sergio Acosta y Lara (sergio.acostaylara@mtop.gub.uy) GeoForAll Iberoamérica Coordinator, Uruguay

"I am pleased to contact you to announce the Call for Applications to the fourth edition of the "Prize Pedro Vicente Maldonado" for the outstanding PhD dissertation in Cartography, Geodesy, and/or Geographic Information organized by the Pan American Institute of Geography and History (PAIGH). The call will open 1st May 2022 and will close 31st May 2022. In a few words, PhD level students graduated between 1st-



January 2016 and 31st, December 2021 can apply. In addition, they should satisfy one of two conditions: a) be a citizen of any PAIGH member state, irrespective of the granting university or b) have a degree granted by an accredited university in any PAIGH member state, irrespective of the student's citizenship. The candidates must write a scientific paper summarizing their work, a fact that justifies an early announcement.

The announcement can be downloaded from https://comisiones.ipgh.org/CARTOGRAFIA/Premio/tesis_PhD_2022/Poster_Premio_Cartografia_PhD_2022_EN.pdf

Updates will be available soon at https://comisiones.ipgh.org/CARTOGRAFIA/PremioPhD_EN.html

To date, member states of PAIGH are Argentina, Belice, Bolivia, Brasil, Chile, Colombia, Costa Rica, Ecuador, United States of America, Guatemala, Haití, Honduras, México, Nicaragua, Panamá, Paraguay, Perú, Dominican Republic, Uruguay, and Venezuela. I am looking forward to your inquiries. Best regards from Montevideo, Uruguay

CARLOS LÓPEZ-VÁZQUEZ

Head of the Academic Liaison Committee

Cartography Commission

Pan American Institute of Geography and History"

5. Hydrography90m: a new hydrographic network that accurately delineates streams and rivers, along with their topographic and topological properties.

Go to <https://essd.copernicus.org/preprints/essd-2022-9/> to read more about it and get the link to the hydrographic network. First of all, go to Readme.pdf to locate the region you are interested in before you download the gpkg file.

6. The calls for applications to the FOSS4G 2022 **Travel Grant Program** and **Volunteer** are officially **OPEN!** More information on the requirements and criteria could be found on the dedicate [page on the web site](#).