



GeoForAll

Monthly Newsletter



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Be part of "Geo for All"

3. Events

- The links to the presentations of the 3rd United Nations Open Science Conference, "Accelerating the Sustainable Development Goals, Democratizing the Record of Science" are available at <https://www.un.org/library/OS23>
- Read the interview of Suchith Anand at <https://council.science/current/blog/n-o-problem-is-too-big-combating-discrimination-in-geospatial-science/>

4. Conferences

North America

March 2023

- 23-27: [AAG Annual Meeting](#)

Venue: Denver, CO, USA

South America

March 2023

- 20-24: [II Venezuelan Congress of Geosciences](#)

Venue: School of Geology, mins and geophysics, Central University of Venezuela, Caracas, Venezuela

April 2023

- 2-5: [XX Brazilian Remote Sensing Symposium - SBSR](#)

Venue: Florianópolis Convention Center, State of Santa Catarina, Brazil.

Asia

April 2023

- 24-27: [UN World Data Forum](#)

Venue: Hangzhou, Zhejiang, China

Europe

March 2023

- 22: [GIS4Schools – sharing the final results](#)

Venue: Bucharest, Romania

June 2023

- 14-15: [Jornada SIG Libre](#) (GIS Conference)

Venue: University of Girona, Girona, Spain

July 2023

- 4-6: [GI Salzburg23](#)

Venue: Salzburg, Austria





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

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 2018, 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](#)
- [Teach with Earth from Space](#) (primary school teachers)
 Start date: April 20, 2023
 End date: April 21, 2023
 Language: English
 Host: e-technology lab, ESEC site, in the ESA Education Training Centre, located in Belgium
- **Biodiversity Applications for Airborne Imaging Systems: NASA ARSET**
 Start date: March 27, 2023
 End date: April 5, 2023
 Host: NASA / ARSET
 Format / Training type: Online course, workshops
 Language: English
 Contact name: Natalia Bermudez
 Contact email: nasa.arset@gmail.com
 Link: https://appliedsciences.nasa.gov/join-mission/training/english/arset-biodiversity-applications-airborne-imaging-systems?utm_source=announcement&utm_medium=email&utm_campaign=AirborneImaging23



9. Funding opportunities, bids, jobs, etc

The Faculty of Environmental and Life Sciences (FELS), University of Southampton, UK, is accepting applications for their prestigious Black Futures doctoral scholarship scheme. This competitive scholarship will fund talented UK-domiciled Black and mixed Black heritage students who want to pursue postgraduate research at Southampton. This year there are five scholarships on offer, to begin a PhD study in October 2023.

The deadline for applications is March 17th 2023.

The purpose of these scholarships is to attract excellent Black and mixed Black heritage students wanting to study for a postgraduate research degree in any of our five Schools.

- Biological Sciences
- Geography & Environmental Science
- Health Sciences
- Ocean and Earth Science
- Psychology

Why apply:

Scholarships are made for the full duration of your course (3.5 years). Each scholarship will cover your full course fees and provide you a stipend for living costs in line with the UKRI rate (£18,022 per year in 2023/24, with the value increasing every year to align with the UKRI rate which is adjusted for inflation).

Each studentship comes with an annual £1000 research support and training budget which you can use for training, fieldwork, conferences, or other forms of personal development. Students on this scholarship scheme will also be paired with an independent tutor beyond their supervisory team.

Who can apply:

Scholarships are available for applicants who are eligible for home fees (visit the University website for more information about fee status eligibility), who have Black or mixed Black heritage[i], and who have applied for a research postgraduate degree in the



Faculty of Environmental & Life sciences, starting in in the 2023/24 academic year.

Further information:

If you have any further questions about the scheme, eligibility, or the application process, please email fels-gradschool@soton.ac.uk or visit <https://www.southampton.ac.uk/study/fees-funding/scholarships/competitive-postgraduate/black-futures>.

To apply for the scholarship, you must complete and submit the online application form.

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. 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

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

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

GDAL: Geospatial Data Abstraction Library

GEO: Group on Earth Observations

GEO: Geosynchronous Earth Orbits

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

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

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

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

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

NOOSA: United Nations Office for Outer Space Affairs

NRSA: Indian National Remote Sensing Agency

NSDI: National Spatial Data Infrastructure



NSF: National Science Foundation	UML: Unified Modeling Language
OECD: Organisation for Economic Co-Operation and Development	UN-GGIM: United Nations Global Geospatial Information Management
OER: Open Educational Resources	USGS: U.S. Geological Survey
OGC: Open Geospatial Consortium	USGIF: United States Geospatial Intelligence Foundation
OHI: International Hydrographic Office	VGI: Volunteered Geographic Information
OSGeo: Open Source Geospatial Foundation	VNIR: Visible Near Infrared
OSM: OpenStreetMap	XSEDE: Extreme Science and Engineering Discovery Environment
OTB: Orfeo Tool Box	WCS: Web Coverage Service
PPGIS: Public Participation in Geographic Information Systems	WFS: Web Feature Service
PPSR: Public Participation in Scientific Research	WGCapD: Working Group on Capacity Building and Data Democracy
RBV: Return Beam Vidicon	WGS: World Geodetic System
RCMRD: Regional Centre for Mapping of Resources for Development	WISERD: Wales Institute of Social & Economic Research, Data & Methods
RDA: Research Data Alliance	WMO: World Meteorological Organization
ROSCOSMOS: Russian Federal Space Agency	WMS: Web Map Service
ROSHYDROMET: Russian Federal Service for Hydrometeorology and Environmental Monitoring	WMTS: Web Map Tiles Services
RUFORUM: Regional Universities Forum for capacity building in agriculture	WOIS: Water Observation Information System
SaaS: Software as a Service	WPS: Web Processing 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	

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. 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.

3. From Dr. Suchith Anand (Suchith.Anand@nottingham.ac.uk Senior Adviser to Governments and International Organisations)

NASA has declared 2023 the Year of Open Science to celebrate the benefits and successes of open science, and inspire more scientists to join the movement. Ultimately, the success of the Year of Open Science will be driven by collaborations with individuals, teams, and organizations who are ready to transform the culture of scientific research into one that celebrates openness and inclusion.

More details at <https://nasa.github.io/Transform-to-Open-Science/year-of-open-science/>

The recordings of the webinar on "GeoForAll contributions to the United Nations Sustainable Development Goals" as part of the World Commons Week 2020 is available at <https://www.dsairland.org/updates/events/geoforal-contributions-to-the-united-nations-sustainable-de/>

4. From GIS4Schools Newsletter #12

The GIS4Schools Project is looking for new "ambassadors" to take part in the already



established European Network of Schools engaged in GIS Technology teaching! The call is open to Secondary Schools, Technical and Professional Institutes, and all the other stakeholders interested in learning about and adopting the educational tools developed by the Project and made freely accessible by the GIS4Schools partners. Join the Community here: <https://bit.ly/3gxxuY3>

