



GeoForAll

Monthly Newsletter



Be part of "Geo for All"

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4. Conferences

South America

April 2023

1. 2-5: [XX Brazilian Remote Sensing Symposium - SBSR](#)

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

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-ggis/>

6. Courses

Connecting Citizen Science with Remote Sensing

Start date: Jan, 23, 2023

End date: Jan, 31, 2023

Host: NASA ARSET

Organizer: NASA ARSET

Format / Training type: Online Course, workshops

Language: English, Spanish

Contact name: Sarah Cutshall

Contact email: sarah.cutshall@nasa.gov

Link:

<https://appliedsciences.nasa.gov/join-mission/training/english/arset-connecting-citizen-science-remote-sensing>

Thematic area: Climate, Ecosystems

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](#)



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-editors</p> 	<p>Pavel Kikin, Senior Lecturer "Department of applied informatics and IT", Siberian State Univer. of Geosystems and Technologies Alexey Kolesnikov, Senior Lecturer "Department of cartography and GIS", Siberian State Univer. of Geosystems and Technologies it-technologies@yandex.ru</p>	Russia, Mongolia, China, Japan, S. Korea, Vietnam, Thailand, Malaysia, Laos, Myanmar, Cambodia, Singapore, Brunei, Indonesia, Philippines, Turkmenistan, Uzbekistan, Tajikistan and Kyrgyzstan.
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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.
<p>Co-editor</p> 	<p>Emma Strong Planner with Pueblo County, Colorado eestrong118@gmail.com</p>	North and Central America
<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
<p>Co-editor</p> 	<p>Codrina Ilie, PhD student at the Technical University of Civil Engineering, Bucharest, Romania</p>	The Balkans, Ukraine, Moldavia, Estonia, Lithuania, Belarus, Latvia, Hungary, Czech Republic, Slovakia
<p>Production Designer</p> 	<p>Nikos Voudrislis, 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>

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



8. Key Research Publications

- “Global Community Guidelines for Documenting, Sharing, and Reusing Quality Information of Individual Digital Datasets” available at <https://datascience.codata.org/articles/10.5334/dsj-2022-008/>

9. Funding opportunities, bids, jobs, etc

The Department of Geography and Earth Sciences at the College of Liberal Arts and Sciences at the University of North Carolina Charlotte invites applications for a tenure-track appointment at the rank of Assistant Professor in the area of Urban Analytics. They are seeking a dynamic and broadly trained geospatial data scientist with expertise in leveraging data science approaches to analyze and help solve social, economic, environmental, and/or infrastructural challenges of urban residents and their environment. This position will begin on August 15, 2023. The review of the applications will start on January 31, 2023.

For more information please contact Wenwu Tang (WenwuTang@unc.edu) Associate Professor Executive Director Center for Applied GIScience Department of Geography and Earth Sciences, Affiliate Faculty, School of Data Science, University of North Carolina at Charlotte, 302 McEniry 9201 University City Blvd. Charlotte NC 28262, USA.



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	ESERO: European Space Education Resource Office
CAD: Computer Aided Design	EUROGI: European Umbrella Organisation for Geographic Information
CaGIS: Cartography and Geographic Information Society	EuroSDR: European Spatial Data Research
CCGI: Collaboratively Contributed Geographic Information	FOSS: Free and Open Source Software
CEGIS: Center of Excellence for Geospatial Information Science	FOSS4G: Free and Open Source Software For Geospatial
CEOS: Committee on Earth Observation Satellites	GCP: Ground Control Point
CI: CyberInfrastructure	GDAL: Geospatial Data Abstraction Library
CLGE: The Council of European Geodetic Surveyors	GEO: Group on Earth Observations
CODATA: Committee on Data for Science and Technology	GEO: Geosynchronous Earth Orbits
COGO: Coordinate geometry	GloFAS: Global Flood Awareness System
CRC: Census Research Centre	GNSS: Global Navigational Satellite System
CRS: Coordinate Reference System	GODAN: Global Open Data for Agriculture and Nutrition
CSA: Canadian Space Agency	GPS: Global Positioning System
CSSTEAP: Center for Space Science & Technology Education in Asia and the Pacific	GPX: GPS Exchange Format
CUDA: Compute Unified Device Architecture	GRACE: Gravity Recovery and Climate Experiment (satellite program)
DAAC: Distributed Active Archive Center (of NASA)	GRASPGfs: Geospatial Resource for Agricultural Species and Pests and Pathogens with workflow integrated modeling to support Global Food Security
DEM: Digital Elevation Model	GSoC: Google Summer of Code
DSM: Digital Surface Models	HLPF: High Level Political Forum (of UN)
DWG: Design file format	HOT: Humanitarian OpenStreetMap Team
DXF: Drawing Interchange File	HPC: high-performance computing
ECMWF: European Center for Medium range Weather Forecasting	ICA: International Cartographic Association
EOS: Earth Observation Science	ICSU-WDS: International Council for Science – World Data System
EOSDIS: Earth Observing System and Data Information System	IDE: Spatial Data Infrastructure
EPA: Environmental Protection Agency	INSPIRE: Infrastructure for Spatial Information in Europe
EPSG: European Petrol Survey Group (used in projection IDs)	IPGH: Pan American Institute of Geography and History
ESA: European Space Agency	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

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. 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. The International Geoethics Day will be held every year during the Earth Science Week. The aim of the International Geoethics Day is to raise the awareness of the geoscience community and society as a whole about the importance of ethical, social, and cultural aspects of geoscience knowledge, research, practice, education, and communication.

International Association for Promoting Geoethics (IAPG) is a multidisciplinary, scientific community and aims at creating awareness about application of ethical principles to theoretical and practical aspects of Geosciences. IAPG works for a respectful stewardship of the Earth: our way to take care of future generations. Details at <https://www.geoethics.org>

The "Geoethical Promise" is at <https://www.geoethics.org/geopromise>

International Association for Promoting Geoethics considers publications as an indispensable requisite to strengthen Geoethics from a scientific point of view. IAPG members are involved in the publication of articles and editing of books on Geoethics with a peer-review process. The IAPG supports two editorial initiatives: the Journal of Geoethics and Social Geosciences, and the SpringerBriefs in Geoethics.



More details at <https://www.geoethics.org/publications>

Please share the information on International Geoethics Day with your networks and organisations and raise awareness of GeoEthics.

<https://www.geoethics.org/geoethics-day>

4. The Open Source Geospatial Foundation (OSGeo), represented by Celia Virginia Vergara Castillo, vice-president of OSGeo, and Smart Geo Expo (<http://www.smartgeoexpo.kr>), represented by Secretary General Mee-Jeong Kim, have signed a Memorandum of Understanding (MoU) to establish a collaborative relationship between the Smart Geo Expo and OSGeo communities. The aim of this agreement is to cooperate and reach a mutual framework of activities for open source geospatial technologies.



5. From Carlos López-Vázquez, Head of the Academic Liason Committee, Cartography Commission, Pan American Institute of Geography and History

"I am pleased to contact you to announce the Call for Applications to the ninth edition of the "Prize for the Outstanding Master's thesis in Cartography, Geodesy and/or Geographic Information" organized by the Pan American Institute of Geography and History (PAIGH). The call will open 1st June 2023 and will close 30th June 2023. In a few words, Master's level students graduated between 1st-January 2018 and 31th, December 2022 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 well before June.

The announcement can be downloaded from https://comisiones.ipgh.org/CARTOGRAFIA/Premio/Thesis_MSc_2023/Poster_Premio_Cartografia_MSc_2023_EN.pdf Updates will be available soon at https://comisiones.ipgh.org/CARTOGRAFIA/PremioMSc_EN.html

We succeeded in contacting a group of nearly 750 reviewers, a fact that assures an ample diffusion in the academic community, both from the Americas as well as outside. 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".

6. From GIS4Schools Project Newsletter #11, December 2022.

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>

