



# GeoForAll

Monthly Newsletter



Be part of "Geo for All"

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## 4. Conferences

### Europe

#### April 2024

1. 14-19: [European Geosciences Union General Assembly 2024](#)  
Venue: Vienna, Austria

#### September 2024

2. 9-10: [QGIS User Conference 2024](#)  
Venue: Faculty of Civil Engineering, Slovak Technical University, Bratislava, Slovakia

### South America

#### December 2024

3. 01-08: [FOSS4G](#) (stay tuned for more news in the future)  
Venue: Belém, state of Pará, Brazil

### Asia

#### November 2024

4. 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 April 2024

5. 8-11: [GIS/Valuation Technologies Conferences](#)  
Venue: Charlotte, NC, USA
6. 10-12: [PA GIS Conference](#)  
Venue: State College, PA, USA
7. 15-18: [MidAmerica GIS Consortium – 2024 Symposium](#)  
Venue: Omaha, NE, USA
8. April 30 – May 1: [GIS in Action](#)  
Venue: Portland, OR, USA

### May 2024

9. 5-8: [GEOINT 2024 Symposium](#)  
Venue: Kissimmee, FL, USA
10. 22-24: [38th Conference of Latin American Geography \(CLAG\)](#)  
Venue: Old San Juan, Puerto Rico

### June 2024

11. 2-4: 2024 IMAGIN Annual Conference  
Venue: Thompsonville, MI, USA

### August 2024

12. 14-16: CPGIS; 2024 - The 31<sup>st</sup> International Conference on Geoinformatics  
Venue: Toronto, Ontario, Canada



## 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 <a href="mailto:labrinos@eled.auth.gr">labrinos@eled.auth.gr</a></p>	Oceania
<p>Co-editor</p> 	<p>Rizwan Bulbul, Assistant Professor of GIScience Head of Geospatial Research and Education Lab Department of Space Science, Institute of Space Technology, Islamabad, Pakistan <a href="mailto:bulbul@grel.ist.edu.pk">bulbul@grel.ist.edu.pk</a></p>	India, Sri Lanka, Pakistan, Afghanistan, Nepal, Burma, Iran, Iraq, Jordan, Syria, Israel, Lebanon, Turkey, Saudi Arabia, Oman, Yemen, United Arab Emirates, Kuwait and Islands of S. Pacific.
<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 <a href="mailto:it-technologies@yandex.ru">it-technologies@yandex.ru</a></p>	Russia, Mongolia, China, Japan, S. Korea, Vietnam, Thailand, Malaysia, Laos, Myanmar, Cambodia, Singapore, Brunei, Indonesia, Philippines, Turkmenistan, Uzbekistan, Tajikistan and Kyrgyzstan.
<p>Co-editor</p> 	<p>Rania Elsayed, Computers &amp; Information Researcher, Division of Scientific Training &amp; Continuous Studies, National Authority for Remote Sensing &amp; Space Sciences, Cairo, Egypt. <a href="mailto:ranyaalsayed@gmail.com">ranyaalsayed@gmail.com</a></p>	Africa
<p>Co-editor</p> 	<p>Seraphim Alvanides, Reader (Geographical Information Science) Northumbria University, Newcastle NE1 8ST, United Kingdom. <a href="mailto:s.alvanides@gmail.com">s.alvanides@gmail.com</a></p>	Scandinavian countries, Denmark, Germany, Austria, Switzerland, UK, Ireland, Iceland
<p>Co-editor</p> 	<p>Antoni Perez Navaro, Associate Professor at Universitat Oberta de Catalunya (UOC) Computer Sciences and Multimedia Department <a href="mailto:aperezn@uoc.edu">aperezn@uoc.edu</a></p>	Italy, Malta, Spain, Portugal, France, Belgium, The Netherlands, Luxemburg.
<p>Co-editor</p> 	<p>Emma Strong Planner with Pueblo County, Colorado <a href="mailto:eestrong118@gmail.com">eestrong118@gmail.com</a></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 <a href="mailto:sergio.acostaylara@mtop.gub.uy">sergio.acostaylara@mtop.gub.uy</a></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. <a href="mailto:nvoudris@gmail.com">nvoudris@gmail.com</a></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 <a href="mailto:paulocoronado@gmail.com">paulocoronado@gmail.com</a></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](mailto:geoforall-teachertraining@lists.osgeo.org)

➤ Website: [http://wiki.osgeo.org/wiki/GeoForAll\\_TeacherTraining\\_SchoolEducation](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](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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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



## 5. Webinars

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- 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

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- GeoForAll educational materials have been transferred to our new web site. [GeoForAll educational inventory system, a place to search and share educational materials](#)

- **International Summer School on Applications with the Newest Multi-Spectral Environmental Satellites**

Start date: June 17, 2024

End date: June 26, 2024

Country: Italy

City: Bracciano

Organizer: Italian Air Force – Met Service

Host: NMS regional course, EUMETSAT

Language: English

Contact person: Ivan Smiljanic

Contact email: [training@eumetsat.int](mailto:training@eumetsat.int)

## 9. Funding opportunities, bids etc

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**Two funded PhD positions in research project:**

**“Open geospatial data at the intersection of digital commoning, digital humanitarianism, and digital capitalism: Transformations and tensions in OpenStreetMap”**

@ Institutes for Geography @ University of Erlangen-Nürnberg (Germany) & @ University Halle/S. (Germany)

Work tasks:

The German Research Foundation funded research project "Open geospatial data at the intersection of digital commoning, digital humanitarianism, and digital capitalism: Transformations and tensions in OpenStreetMap" investigates transformations and tensions in the field of open geodata, digital commons, and volunteered geographic information. It analyses the growing role of commercial platforms and humanitarian actors in OpenStreetMap (OSM). The research project starts from the premise that there is a tension between the ethos of OSM as a project that builds on local knowledge and practices of digital commoning and the concerns about distanced and data-extractivist practices of institutional actors on the other hand. These concerns are raised in particular by decolonial and feminist voices within the OSM community and raise questions about the power of cartography as well as organisational issues of participation, polyphony and data sovereignty. The research project asks about the changing production and use of geographic knowledge in OSM; the interactions, overlaps, and conflicts between the different groups of actors; and the changing governance of OSM at the intersection of digital commoning, digital humanism, and digital capitalism.

- Case study A focuses on the strategies and policies of the main institutional actors in OSM (commercial actors such as Meta and Microsoft, the newly established Overture Maps Foundation, and the humanitarian OSM team). Of particular interest are the relationships, conflicts, and tensions between these institutional actors and key players in the OSM community. This case study is based at the Chair of Cultural Geography and Political Geography at the FAU Erlangen-Nürnberg (with Prof. Glasze).

- Case study B analyses the practical interactions between local communities and institutional actors at the local level. It focuses on the Philippines, a place where local OSM communities are in tense interaction with actors and concepts of digital platform capitalism and the humanitarian sector. This case study is based at the Chair of Digital Geography at MLU Halle-Wittenberg (with Prof. Michel).



## Prerequisites:

- Completed Master's degree in human/cultural/social geography or related fields
- Very good previous academic achievements and degrees
- Excellent verbal communication and academic writing skills (English, German is a plus!)
- Critical and independent thinking, ability and interest to work independently in academic research
- Interest in the subject areas of the research project
- Proven knowledge of empirical (qualitative and/or quantitative) social science or human geography research methods (e.g. successfully completed methods seminars etc.)
- For position A, experience with the analysis of geodata/skills in the use of GIS and geovisualisation are also an advantage
- For position B, experience in qualitative social research is particularly advantageous.

## Your application:

Please send the following application documents to Prof. Dr. Georg Glasze, ([georg.glasze@fau.de](mailto:georg.glasze@fau.de)) and Prof. Dr Boris Michel ([boris.michel@geo.uni-halle.de](mailto:boris.michel@geo.uni-halle.de)) by **30 April 2024** at the latest. Please indicate which position you are applying for (or if you are interested in both positions)

- Detailed curriculum vitae with attachments (e.g. courses, theses/supervision, scholarships if applicable, involvement in academic self-administration/memberships, lectures...) with date and signature
- Cover letter explaining the motivation behind your application for the specific project position
- Certificates: Copies of school leaving certificate, degree certificate plus transcript of records
- Up to three work samples, e.g. Master's thesis, seminar paper, publication (if available)
- Optional: a letter of recommendation, e.g. from the supervisor(s) of a previous thesis

If you have any questions, please contact Prof. Dr. Georg Glasze, e-mail: [georg.glasze@fau.de](mailto:georg.glasze@fau.de) and/or Prof. Dr. Boris Michel, e-mail: [boris.michel@geo.uni-halle.de](mailto:boris.michel@geo.uni-halle.de)

## 11. Free books, educational materials, etc.

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- Visit the YouTube QGIS channel at <https://www.youtube.com/channel/UCGS162t4hkOA0b35ucf1yng/videos> to get videos of QGIS applications, representations and ideas.

## 12. Article

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### 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](mailto: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

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

CHIRPS - Climate Hazards Group InfraRed Precipitation with Station data

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

FDO: FAIR (Find, Access, Interoperate, and Reuse) Digital Objects

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

ICIMOD – International Centre for Integrated Mountain Development

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



IDE: Spatial Data Infrastructure	NOOSA: United Nations Office for Outer Space Affairs
IFAD – International Fund for Agricultural Development	NRSA: Indian National Remote Sensing Agency
INSPIRE: Infrastructure for Spatial Information in Europe	NSDI: National Spatial Data Infrastructure
IPCC – Intergovernmental Panel on Climate Change	NSF: National Science Foundation
IPGH: Pan American Institute of Geography and History	OECD: Organisation for Economic Co-Operation and Development
ISO: International Organization for Standardization	OER: Open Educational Resources
ISPRS: International Society for Photogrammetry and Remote Sensing	OGC: Open Geospatial Consortium
ISRO: Indian Space Research Organization	OHI: International Hydrographic Office
JAXA: Japan Aerospace Exploration Agency	OSGeo: Open Source Geospatial Foundation
KML: Keyhole Markup Language	OSM: OpenStreetMap
LBS: Location-Based Service	OTB: Orfeo Tool Box
LEO: Low Earth Orbits	PPGIS: Public Participation in Geographic Information Systems
LiDAR: Light Detection and Ranging	PPSR: Public Participation in Scientific Research
LOC: Local Organizing Committee	RBV: Return Beam Vidicon
LOD: Level Of Detail	RCMRD: Regional Centre for Mapping of Resources for Development
MEO: Medium Earth Orbits	RDA: Research Data Alliance
MIL: Media and Information Literacy	ROSCOSMOS: Russian Federal Space Agency
MoU: Memorandum of Understanding	ROSHYDROMET: Russian Federal Service for Hydrometeorology and Environmental Monitoring
MSS: Multispectral Scanner	RUFORUM: Regional Universities Forum for capacity building in agriculture
NAD: North American Datum	SaaS: Software as a Service
NARSS: National Authority for Remote Sensing and Space Sciences of Egypt	SAR: Synthetic Aperture Radar
NCSA: National Center for Supercomputing Applications	SDG: Sustainable Development Goal
NDVI - Normalized Difference Vegetation Index	SDI: Spatial Data Infrastructure
NDWI - Normalized Difference Water Index	SIG: Geographic Information System
NED: National Elevation Dataset	SIGTE: The GIS and Remote Sensing Service of the University of Girona, Spain
NEPAD: NEw Partnership for African Development	SPIDER: open SPatial data Infrastructure eEducation nEtwork
NGA: National Geospatial Intelligence Agency	SQL: Structured Query Language
NHD: National Hydrologic Dataset	STISA 2024: Science Technology Innovation Strategy for Africa
NIR - Near-Infrared	STSM: Short Term Scientific Missions
NLCD: National Land Cover Dataset	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 Dr Suchith Anand

Senior Adviser to Governments and International Organisations | Scientist | AI Ethics | AI Governance | Policy | Consultant in Data and AI Ethics | Global Citizen | SDG Volunteer and Advocate

Thanks to UNESCO and the Government of Slovenia for organising the **2<sup>nd</sup> Global Forum on the Ethics of Artificial Intelligence**: Changing the Landscape of AI Governance in Slovenia on 5-6 February 2024.

This Forum brought together the experiences and expertise of countries at different levels of technological and policy development, for a focused exchange to learn from each other, and for a dialogue with the private sector, academia and a wider civil society.

Day 1 Recordings

<https://www.youtube.com/watch?v=okgVwczLTUc>

Day 2 Recordings

<https://www.youtube.com/watch?v=3V4mCmxAAvM>

More details of the Forum at

<https://www.unesco.org/en/forum-ethics-ai>



UNESCO produced the first-ever global standard on AI ethics – the ‘**Recommendation on the Ethics of Artificial Intelligence**’ in November 2021. This framework was adopted by all 193 Member States.

Details at: <https://www.unesco.org/en/artificial-intelligence/recommendation-ethics>





**3. 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 tenth 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 2024 and will close 30th June 2024. In a few words, Master's level students graduated between 1st January 2019 and 31st December 2023 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/Tesis\\_Msc\\_2024/Poster\\_Premio\\_Cartografia\\_MSc\\_2024\\_EN.pdf](https://comisiones.ipgh.org/CARTOGRAFIA/Premio/Tesis_Msc_2024/Poster_Premio_Cartografia_MSc_2024_EN.pdf)

Updates will be available soon at [https://comisiones.ipgh.org/CARTOGRAFIA/PremioMSc\\_EN.html](https://comisiones.ipgh.org/CARTOGRAFIA/PremioMSc_EN.html)

Member states of PAIGH are Argentina, Belice, Bolivia, Brasil, Chile, Colombia, Costa Rica, Ecuador, El Salvador, United States of America, Guatemala, Haití, Honduras, México, Nicaragua, Panamá, Paraguay, Perú, Dominican Republic, Uruguay and Venezuela.

**4. From Dr Suchith Anand**

Senior Adviser to Governments and International Organisations | Scientist | AI Ethics | AI Governance | Policy | Consultant in Data and AI Ethics | Global Citizen | SDG Volunteer and Advocate

Happy "AzaadiSAT-2" 1st anniversary. A satellite built by 750 girl students from 75 government schools across India.

AzaadiSAT was created to mark India's 75th year of independence. This anniversary was being marked by the Azadi Ka Amrit Mahotsav celebrations <https://amritmahotsav.nic.in> throughout the country, and the CubeSat was part of this campaign. AzaadiSAT was built by girl students from 75 schools across India. 10 girl students from each school were involved, for a total of 750 students involved. The mission was created to give girl students from lower-income backgrounds the opportunity to learn the fundamentals of spaceflight.

More details at:

[https://www.isro.gov.in/mission\\_SSLV\\_D2.html](https://www.isro.gov.in/mission_SSLV_D2.html)

<https://spacekidzindia.in/azaadisat-1/>

<https://m.youtube.com/watch?v=Sh1YCJ4m7aE>

<https://www.youtube.com/watch?v=ey1pxYo6Ct4>

<https://www.youtube.com/watch?v=A60m4BHx8KI>

