



# GeoForAll

Monthly Newsletter



Be part of "Geo for All"

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## 4. Conferences

### Europe

#### November 2025

##### 1. 2-7: [IEEE VIS](#)

Venue: Vienna, Austria

##### 2. 25-27: [Geographic Perspectives on Climate Change Mitigation in Urban and Rural Environments – 2nd Edition](#)

Venue: Rome, Italy

#### May 2026

##### 3. 4-6: [FOR2026 Conference: The Future of Open Research](#)

Venue: Munich, Germany

##### 4. 21-23: EUROGEO Conference (more details in near future)

Venue: Fontys University, Tilburg, The Netherlands

### Oceania

#### November 2025

##### 5. 17-23: [FOSS4G 2025](#)

Venue: Auckland, New Zealand

##### 6. 24-28: [2025 Pacific Islands GIS & Remote Sensing Users Conference](#)

Venue: Suva, Fiji Islands

### North America and Central America

#### November 2025

##### 7. 3-5: [FOSS4G NA 2025](#)

Venue: Reston, Virginia, USA

##### 8. 3-5: [Canada's National Geomatics Expo](#)

Venue: Calgary, Alberta, Canada

##### 9. 14: [CUGOS 2025 Fall Fling](#)

Venue: University of Washington, Seattle, Washington USA

#### January 2026

##### 10. 6-7: [Conference of Latin American Geography](#)

Venue: Puerto Vallarta, Mexico

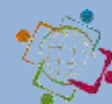
### Asia

#### January 2026

##### 14. 22-27: [FOSS4G-Asia 2026](#)

Venue: Nasik, India





## Editorial Board

Please refer to the appropriate person according to the following table:

|                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Chief Editor</b><br>                                                                                 | <p>Nikos Lambrinos, Professor, Dept. of Primary Education, Aristotle University of Thessaloniki, Greece.<br/> President of the Hellenic digital earth Centre of Excellence<br/> <a href="mailto:labrinos@eled.auth.gr">labrinos@eled.auth.gr</a></p>                                                                                                   | Oceania                                                                                                                                                                                         |
| <b>Co-editor</b><br>                                                                                    | <p>Rizwan Bulbul, Assistant Professor of GIScience<br/> Head of Geospatial Research and Education Lab<br/> Department of Space Science, Institute of Space Technology,<br/> Islamabad, Pakistan<br/> <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.   |
| <b>Co-editors</b><br>  | <p>Pavel Kikin, Senior Lecturer "Department of applied informatics and IT", Siberian State Univer. of Geosystems and Technologies<br/> Alexey Kolesnikov, Senior Lecturer "Department of cartography and GIS", Siberian State Univer. of Geosystems and Technologies<br/> <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. |
| <b>Co-editor</b><br>                                                                                   | <p>Rania Elsayed, Computers &amp; Information Researcher, Division of Scientific Training &amp; Continuous Studies, National Authority for Remote Sensing &amp; Space Sciences, Cairo, Egypt.<br/> <a href="mailto:raniaalsayed@gmail.com">raniaalsayed@gmail.com</a></p>                                                                              | Africa                                                                                                                                                                                          |
| <b>Co-editor</b><br>                                                                                  | <p>Seraphim Alvanides, Reader (Geographical Information Science) Northumbria University, Newcastle NE1 8ST, United Kingdom.<br/> <a href="mailto:s.alvanides@gmail.com">s.alvanides@gmail.com</a></p>                                                                                                                                                  | Scandinavian countries, Denmark, Germany, Austria, Switzerland, UK, Ireland, Iceland                                                                                                            |
| <b>Co-editor</b><br>                                                                                  | <p>Antoni Perez Navaro, Associate Professor at Universitat Oberta de Catalunya (UOC) Computer Sciences and Multimedia Department<br/> <a href="mailto:aperezn@uoc.edu">aperezn@uoc.edu</a></p>                                                                                                                                                         | Italy, Malta, Spain, Portugal, France, Belgium, The Netherlands, Luxemburg.                                                                                                                     |
| <b>Co-editor</b><br>                                                                                  | <p>Emma Strong Planner with Pueblo County, Colorado<br/> <a href="mailto:eestrong118@gmail.com">eestrong118@gmail.com</a></p>                                                                                                                                                                                                                          | North and Central America                                                                                                                                                                       |
| <b>Co-editor</b><br>                                                                                  | <p>Sergio Acosta Y Lara, Departamento de Geomática Dirección, Nacional de Topografía, Ministerio de Transporte y Obras Públicas, URUGUAY<br/> <a href="mailto:sergio.acostaylara@mtop.gub.uy">sergio.acostaylara@mtop.gub.uy</a></p>                                                                                                                   | South America                                                                                                                                                                                   |
| <b>Co-editor</b><br>                                                                                  | <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                                                                                          |
| <b>Production Designer</b><br>                                                                        | <p>Nikos Voudrislis, MSc, PhD in geography education.<br/> <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<br/> <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>

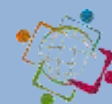
Email: [asia.gfa.chair@osgeo.org](mailto:asia.gfa.chair@osgeo.org)

### 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 Wales, 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 Massachusetts, 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      | Dirección Nacional de Topografía – 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](#)
- In view of enhancing computation skills in the geographic domain, Spatial Ecology is organising:

A Fall 2025 training Course: [Geocomputation and Machine Learning for Environmental Applications \(intermediate level\)](#).

The course will be offered online with a supplementary 5-day in-person segment at the University of Basilicata, in the magnificent town of Matera, Italy. This is a wonderful opportunity for PhD students, Post-Docs and professionals to acquire advanced computational skills with a Linux computer.

Geocomputation and Machine Learning for Environmental Applications (intermediate level; September, October, November, 2025) <https://spatial-ecology.net/course-geocomputation-machine-learning-for-environmental-applications-intermediate-level-2025/>

In this course, students will be introduced to an array of powerful open-source geocomputation tools and machine learning methodologies in the Linux environment. Students who have never been exposed to programming in Linux will acquire confidence in using advanced open source data processing routines. Those with a programming background will find the course beneficial in improving their programming and modelling skills.

We aim to equip attendees with powerful programming tools, as well as hone their abilities for independent development. This will be valuable not only for GIS related applications but also for general data processing and applied statistical computing in a number of fields. We strive to provide the best grounding for career development as a geographic data scientist.

More information and registration: [www.spatial-ecology.net](http://www.spatial-ecology.net)

### On-line teaching: September to November 2025 (8 weeks)

- ✓ Lectures: Starting 16 September until 09 October, every Tuesday & Thursday 11:00 – 14:45 UTC (CEST 13:00, EDT 07:00, PDT 08:00)
- ✓ Catch-up session: Tuesday 14 October at 11:00 – 14:45 UTC (CEST 13:00, EDT 07:00, PDT 08:00)
- ✓ Catch-up session: Thursday 16 October at 11:00 – 14:45 UTC (CEST 13:00, EDT 07:00, PDT 08:00)
- ✓ Lectures resume: 21 October until 13 November, every Tuesday & Thursday 11:00 – 14:45 UTC (21 & 23 Oct CEST 13:00, EDT 07:00, PDT 08:00; thereafter check your time zone due to the end-summer time change)\*

\* See full day-time list at “[preliminary course programme](#)”. All classes will be recorded.

### 5-day in-person workshop in Matera, Italy

- ✓ 24 – 28 November, coding hackathon (Highly recommended).

For course reviews from last year’s course, please click [here for 2023](#) and [here for 2024](#).

### Info

- ✓ [Registration](#) (for the on-line course *and* on-site workshop in Matera)
- ✓ [Directions – Accommodation](#) (for the on-site in Matera)

Giuseppe Amatulli (Director of the Spatial Economy Team) & the Spatial Ecology Team

AI Meets EO Education Webinar: Smarter Content for Smarter Learning

Start date: Nov. 12, 2025

End date: Nov. 12, 2025



Organizer: EOTEC DevNet, VLab, EO College  
 Format: Online Course, Webinar, Workshop  
 Language: English  
 Contact name: EOTEC DevNet Secretariat  
 Contact email: [secretariat@eotecdev.net](mailto:secretariat@eotecdev.net)  
 Link: <https://eotecdev.net/%f0%9f%a7%a0-ai-meets-eo-education-smarter-content-for-smarter-learning/>

## 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](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

CDSE: Copernicus Data Space Ecosystem

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

CLMS Data: Copernicus Land Monitoring Service Data

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)  
 GRASPgs: Geospatial Resource for Agricultural Species and Pests and Pathogens with workflow integrated modeling to support Global Food Security  
 GSoC: Google Summer of Code  
 HLPF: High Level Political Forum (of UN)  
 HOT: Humanitarian OpenStreetMap Team  
 HPC: high-performance computing  
 ICA: International Cartographic Association  
 ICIMOD – International Centre for Integrated Mountain Development  
 ICSU-WDS: International Council for Science – World Data System  
 IDE: Spatial Data Infrastructure  
 IFAD – International Fund for Agricultural Development  
 INSPIRE: Infrastructure for Spatial Information in Europe

IPCC – Intergovernmental Panel on Climate Change  
 IPGH: Pan American Institute of Geography and History  
 ISO: International Organization for Standardization  
 ISPRS: International Society for Photogrammetry and Remote Sensing  
 ISRO: Indian Space Research Organization  
 JAXA: Japan Aerospace Exploration Agency  
 KML: Keyhole Markup Language  
 LBS: Location-Based Service  
 LEO: Low Earth Orbits  
 LiDAR: Light Detection and Ranging  
 LOC: Local Organizing Committee  
 LOD: Level Of Detail  
 MEO: Medium Earth Orbits  
 MIL: Media and Information Literacy  
 MoU: Memorandum of Understanding  
 MSS: Multispectral Scanner  
 NAD: North American Datum  
 NARSS: National Authority for Remote Sensing and Space Sciences of Egypt  
 NCSA: National Center for Supercomputing Applications  
 NDVI - Normalized Difference Vegetation Index  
 NDWI - Normalized Difference Water Index  
 NED: National Elevation Dataset  
 NEPAD: NEw Partnership for African Development  
 NGA: National Geospatial Intelligence Agency  
 NHD: National Hydrologic Dataset  
 NIR - Near-Infrared  
 NLCD: National Land Cover Dataset  
 NOOSA: United Nations Office for Outer Space Affairs  
 NRSA: Indian National Remote Sensing Agency  
 NSDI: National Spatial Data Infrastructure  
 NSF: National Science Foundation  
 OECD: Organisation for Economic Co-Operation and Development  
 OER: Open Educational Resources  
 OGC: Open Geospatial Consortium



OHI: International Hydrographic Office  
 OSGeo: Open Source Geospatial Foundation  
 OSM: OpenStreetMap  
 OTB: Orfeo Tool Box  
 PPGIS: Public Participation in Geographic Information Systems  
 PPSR: Public Participation in Scientific Research  
 RBV: Return Beam Vidicon  
 RCMRD: Regional Centre for Mapping of Resources for Development  
 RDA: Research Data Alliance  
 ROSCOSMOS: Russian Federal Space Agency  
 ROSHYDROMET: Russian Federal Service for Hydrometeorology and Environmental Monitoring  
 RUFORUM: Regional Universities Forum for capacity building in agriculture  
 SaaS: Software as a Service  
 SAR: Synthetic Aperture Radar  
 SDG: Sustainable Development Goal  
 SDI: Spatial Data Infrastructure  
 SIG: Geographic Information System  
 SIGTE: The GIS and Remote Sensing Service of the University of Girona, Spain  
 SPIDER: open SPatial data Infrastructure eEducation 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. *Facultad de Ciencias Forestales* of the *Universidad Nacional de Misiones* (Argentina), through the **Technical Degree in GIS and Remote Sensing**, will celebrate **GIS Day 2025** for the fourth consecutive year along with their new partner the **Universidade Tecnológica Federal do Paraná (UTFPR)** – Campus Pato Branco (Brazil). Together, they have organized a two-day program featuring lectures and discussions highlighting the use of open-source geospatial technologies in education, research, and applied projects. The schedule of the event follows (it will be covered live on YouTube):

November, 17, Monday: 19:00 **Spatial Data Infrastructure** – *Silvana Camboim/Julio César Benedetti*

November, 17, Monday: 21:00 **3D Mapping** – *Josiane Antonioli (Cartographic Engineer)*

November, 18, Tuesday: 15:30 **Segmentation and Object Detection using Deep Learning** – *Marcelo Hosan*

November, 18, Tuesday: **Data Journalism: the role of GIS and Remote Sensing** – *Fernanda & Thiago Medaglia (Ambiental.Media)/Natalie Aubet (Universidad Tecnológica del Uruguay)*

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