



GeoForAll

Monthly Newsletter



Be part of "Geo for All"

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1. Editorial

We have hopefully reached the 12th year of publication of the Newsletter. For the record, it all started with a discussion that took place 12 years ago between the founder of GeoForAll, Suchith Anand, and the current Editor In Chief, Nikos Lambrinos, regarding the management of news related to GeoForAll. At that time, there was a concern that there were many news and announcements that came to the network members via email but were lost because no one collected them or didn't go through any grouping in terms of their use.

Thus, the proposal for the creation of the Newsletter was made so that at least the most important ones would remain so that anyone could refer to them.

On behalf of the Editorial Team, I wish you a good and happy new year, and that the Newsletter will always be useful to everyone throughout the year.

Nikos Lambrinos
Editor In-Chief

4. Conferences

Europe

May 2026

1. 4-6: [FOR2026 Conference: The Future of Open Research](#)

Venue: Munich, Germany

2. 21-23: EUROGEO Conference (more details in near future)

Venue: Fontys University, Tilburg, The Netherlands

October 2026

3. 6-8: [RDA 27th Plenary Meeting](#)

Venue: London

North America and Central America

January 2026

4. 6-7: [Conference of Latin American Geography](#)

Venue: Puerto Vallarta, Mexico

Asia

January 2026

5. 22-27: [FOSS4G-Asia 2026](#)

Venue: Nasik, India

August 2026

6. 30-September 5: [FOSS4G 2026](#)

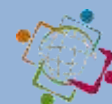
Venue: Hiroshima, Japan

Oceania

February 2026

7. 10-12: [eResearch NZ / eRangahau Aotearoa](#)

Venue: Auckland, Aotearoa/New Zealand



Editorial Board

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

Chief Editor 	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	Oceania
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Co-editors  	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	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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	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	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 Mitsova (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 mail list

<http://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-asiaaustralia>

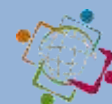
Email: asia.gfa.chair@osgeo.org

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 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](#)

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

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)

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

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	RUFORUM: Regional Universities Forum for capacity building in agriculture
MoU: Memorandum of Understanding	SaaS: Software as a Service
MSS: Multispectral Scanner	SAR: Synthetic Aperture Radar
NAD: North American Datum	SDG: Sustainable Development Goal
NARSS: National Authority for Remote Sensing and Space Sciences of Egypt	SDI: Spatial Data Infrastructure
NCSA: National Center for Supercomputing Applications	SIG: Geographic Information System
NDVI - Normalized Difference Vegetation Index	SIGTE: The GIS and Remote Sensing Service of the University of Girona, Spain
NDWI - Normalized Difference Water Index	SPIDER: open SPatial data Infrastructure eEducation EtwoRk
NED: National Elevation Dataset	SQL: Structured Query Language
NEPAD: NEw Partnership for African Development	STISA 2024: Science Technology Innovation Strategy for Africa
NGA: National Geospatial Intelligence Agency	STSM: Short Term Scientific Missions
NHD: National Hydrologic Dataset	SWIR: Short Wave Infrared
NIR - Near-Infrared	TIN: Triangulated Irregular Network
NLCD: National Land Cover Dataset	UAV: Unmanned Aerial Vehicle
NOOSA: United Nations Office for Outer Space Affairs	UML: Unified Modeling Language
NRSA: Indian National Remote Sensing Agency	UN-GGIM: United Nations Global Geospatial Information Management
NSDI: National Spatial Data Infrastructure	USGS: U.S. Geological Survey
NSF: National Science Foundation	USGIF: United States Geospatial Intelligence Foundation
OECD: Organisation for Economic Co-Operation and Development	VGI: Volunteered Geographic Information
OER: Open Educational Resources	VNIR: Visible Near Infrared
OGC: Open Geospatial Consortium	XSEDE: Extreme Science and Engineering Discovery Environment
OHI: International Hydrographic Office	WCS: Web Coverage Service
OSGeo: Open Source Geospatial Foundation	WFS: Web Feature Service
OSM: OpenStreetMap	WGCapD: Working Group on Capacity Building and Data Democracy
OTB: Orfeo Tool Box	WGS: World Geodetic System
PPGIS: Public Participation in Geographic Information Systems	WISERD: Wales Institute of Social & Economic Research, Data & Methods
PPSR: Public Participation in Scientific Research	WMO: World Meteorological Organization
RBV: Return Beam Vidicon	WMS: Web Map Service
RCMRD: Regional Centre for Mapping of Resources for Development	WMTS: Web Map Tiles Services
RDA: Research Data Alliance	WOIS: Water Observation Information System
ROSCOSMOS: Russian Federal Space Agency	WPS: Web Processing Service
ROSHYDROMET: Russian Federal Service for Hydrometeorology and Environmental Monitoring	



● Environmental Intelligence: Redefining the Philosophical Premises of AI

by Sabina Leonelli

<https://hdsr.mitpress.mit.edu/pub/mx9vpa0b/release/2>

As an alternative to the long history of interpreting artificial intelligence (AI) as the attempt to rationalize and mechanize human ingenuity, thereby transcending nature and its perceived limits, this article proposes an interpretation of the conceptual foundations of environmental intelligence (EI) as the effort to develop digital technology and data-intensive algorithmic systems to sustain and enhance life on this planet. Thus articulated, EI provides a framework to challenge and redefine the philosophical premises of AI in ways that can explicitly spur the responsible and sustainable development of computational technologies toward public interest goals.

2. [EuroRegionalMap](#)

EuroRegionalMap is a Pan-European topographic vector dataset at scale 1:250000 that is seamless and harmonized across boundaries. It is produced in cooperation by the National Mapping and Cadastral Agencies (NMCAs) of the participating countries using official national databases.

You may select the datasets you want, and then review and accept the license agreement and enter your e-mail address. EuroRegionalMap will send you a download link and/or instructions for connecting to the service.

The datasets are: a) EuroGlobalMap, b) EuroRegionalMap, c) EuroDEM, d) Open Cadastral Map, e) Pan-European Imagery, f) Open Gazetteer, and g) High Value large-scale pan-European prototype. There are various formats like shapefile, geopackage, WMS, and tiff. The updates range from 2021 to 2025.

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.

