



GeoForAll

Monthly Newsletter



Be part of "Geo for All"

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1. Editorial

Dear colleagues,

With this issue we have reached the end of another year, of news, meetings, research, efforts, collaborations and ambitions. I hope that this publication has helped, even a little, in your efforts and has responded to your concerns. I hope that it has contributed to the creation of new collaborations and, why not, friendships.

The Newsletter working group will continue next year to serve the common interest so that every month at least one new piece of news reaches your hands.

I thank the entire team of editors and collaborators who helped us get this far.

I wish you a Happy, Healthy and Peaceful New Year

Nikos Lambrinos

Editor in Chief



4. Conferences

Europe

December 2025

1. 9: [Satellite-based services for disaster risk management](#)

Venue: Prague, Czech Republic

May 2026

2. 4-6: [FOR2026 Conference: The Future of Open Research](#)

Venue: Munich, Germany

3. 21-23: EUROGEO Conference (more details in near future)

Venue: Fontys University, Tilburg, The Netherlands

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





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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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

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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

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<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>

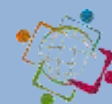
Email: asia.gfa.chair@osgeo.org

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 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
 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

● **Environmental Intelligence: Redefining the Philosophical Premises of AI**
 by Sabina Leonelli

<https://hdsr.mitpress.mit.edu/pub/mx9vpa0b/rel ease/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.

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.

