



GeoForAll

Monthly Newsletter



Be part of "Geo for All"

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1. Activities of the Network

- [Ottawa, Ontario, OSGeo Meetup Group](#) meets on the third Thursday of each month. If you are located in the area, go to the link to sign up to the group and get updates about future events.

(https://wiki.osgeo.org/wiki/Ottawa_Chapter)

4. Conferences

Europe

May 2020

1. 7-9 May: GISTAM 2020 6th International Conference on Geographical Information Systems Theory, Applications and Management

Venue: Prague, Czech Republic (*Streaming online*)

2. 12-15 May: [INSPIRE Conference 2020](#)

Venue: Dubrovnik, Croatia (*Canceled. To be scheduled in September/October 2020*)

September 2020

3. 15-18 September: [GIScience](#)

Venue: Poznań, Poland

North and Central America and the Caribbean

May 2020

4. 24-27 May: 17th International Conference on Information Systems for Crisis Response and Management ([ISCRAM 2020](#))

Venue: Blacksburg, Virginia, USA

(*Postponed until May 2021*)



August 2020

5. 24-29 August: [FOSS4G](#).

Venue: Calgary Telus Convention

Centre, Calgary, Canada (*Canceled. FOSS4G 2021 to be held in Buenos Aires, Argentina*)

October 2020

6. 5-9 October: III International Convention "Geography, Environment and Land Management"

Venue: University of Havana, Convention Centre, Havana, Cuba



Editorial Board

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

<p>Chief Editor</p> 	<p>Nikos Lambrinos, Professor, Dept. of Primary Education, Aristotle University of Thessaloniki, Greece. President of the Hellenic digital earth Centre of Excellence labrinos@eled.auth.gr</p>	Oceania
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GeoForAll Themes

▪ OpenCity Smart

Theme under revision

▪ Teacher Training & School Education

➤ Chairs: Elżbieta Wołoszyńska-Wiśniewska (Poland), Nikos Lambrinos (Greece)

➤ Mail list: geoforall-teachertraining@lists.osgeo.org

➤ Website: http://wiki.osgeo.org/wiki/GeoForAll_TeacherTraining_SchoolEducation

▪ CitizenScience

➤ Chairs: Peter Mooney (Ireland) and Maria Brovelli (Italy)

➤ Mail list: <https://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-geocrowd>

➤ Website: http://wiki.osgeo.org/wiki/Geocrowdsourcing_CitizenScience_FOSS4G

▪ AgriGIS

➤ Chairs: Didier Leibovici (U.K.) and Nobusuke Iwasaki (Japan)

➤ Mail list: <https://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-agrigis>

➤ Website: <http://wiki.osgeo.org/wiki/Agrigis>

GeoForAll Regional Chairs and Contact Information

North America Region

Chairs: Helena Mitasova (USA), Charles Schweik (USA), Phillip Davis (USA) Subscribe at mail list <http://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-northamerica>

Email: na.gfa.chair@osgeo.org

Iberoamerican Region

Chairs: Sergio Acosta y Lara (Uruguay) and Silvana Camboim (Brazil) and Antoni Pérez Navarro (Spain). Subscribe at mail list:

<https://lists.osgeo.org/mailman/listinfo/geoforall-iberoamerica>

Email: geoforall-iberoamerica@lists.osgeo.org

Africa Region

Chairs: Msilikale Msilanga (Tanzania), Serena Coetzee (South Africa) and Bridget Fleming (South Africa) Subscribe at mail list

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

Email: africa.gfa.chair@osgeo.org

Asia Region (including Australia)

Chairs: Tuong Thuy Vu (Malaysia/Vietnam) and Venkatesh Raghavan (Japan/India) Subscribe at maillist <http://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-asiaaustralia>

Email: asia.gfa.chair@osgeo.org

Europe Region

Chairs: Maria Brovelli (Italy) and Peter Mooney (Ireland) Subscribe at mail list

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

Email: eu.gfa.chair@osgeo.org



5. Webinars

- The recording of the webinar “Unlocking the potential of open data to promote Agribusiness for Youths in Africa” is available at <https://www.youtube.com/watch?v=BHxJ5MyjCW4>. All recordings of previous webinars of the Global Open Data for Agriculture and Nutrition (GODAN) and the Data Rights and Responsible Data Working Group are made available at the CTA YouTube channel at <https://www.youtube.com/playlist?list=PLv8yRTnf9h7j-5SoKR6lEsd11EyzM8Cc>
- Distinguished Geospatial Speaker Series: Implementing Open Geography Education (<https://www.directionsmag.com/webinar/9446>).



- GODAN in partnership with Plan4All and the UN FAO and in the context of the ongoing Kampala and Dubrovnik Inspire Hackathons offer all webinars at <https://www.plan4all.eu/updates/kampala-inspire-hackathon-2020-webinars/>. Their last webinar was on April 23, where participants could learn about the tools available through the SmartAfriHub platform, new mapping tools using QGIS, as well as a range of other tools useful in data mapping and related activities.

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](#)

- [Use of geodata in the social sciences](#)

IMPORTANT: all events have been canceled up to April 19th. The rest of the events might be canceled at a very short notice

(Many training events are being held online for the time being)

by Dr. Jan-Philipp Kolb

Date: May 04 – 05 2020

Venue: Mannheim B2,8, Germany / Course language: German

12. Articles

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

AM/FM: Automated Mapping/Facilities Management

API: Application Programming Interface

ASPRS: American Society for Photogrammetry and Remote Sensing

AURIN: Australian Urban Research Infrastructure Network

BBSRC: Biotechnology and Biological Sciences Research Council

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

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

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

FOSS: Free and Open Source Software

FOSS4G: Free and Open Source Software For Geospatial

GCP: Ground Control Point

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

GRASPGfs: Geospatial Resource for Agricultural Species and Pests and Pathogens with workflow integrated modeling to support Global Food Security

GSoC: Google Summer of Code

HOT: Humanitarian OpenStreetMap Team

HPC: high-performance computing

ICA: International Cartographic Association

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

IDE: Spatial Data Infrastructure

INSPIRE: Infrastructure for Spatial Information in Europe

IPGH: Pan American Institute of Geography and History

ISO: International Organization for Standardization

ISPRS: International Society for Photogrammetry and Remote Sensing

ISPRS: International Society for Photogrammetry and Remote Sensing

JAXA: Japan Aerospace Exploration Agency

KML: Keyhole Markup Language

LiDAR: Light Detection and Ranging

LOC: Local Organizing Committee

LOD: Level Of Detail

MIL: Media and Information Literacy

MoU: Memorandum of Understanding

NAD: North American Datum

NCSA: National Center for Supercomputing



Applications

NED: National Elevation Dataset

NEPAD: NEw Partnership for African
Development

NGA: National Geospatial Intelligence Agency

NHD: National Hydrologic Dataset

NLCD: National Land Cover Dataset

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

RCMRD: Regional Centre for Mapping of
Resources for Development

RDA: Research Data Alliance

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

SDI: Spatial Data Infrastructure

SIG: Geographic Information System

SIGTE: The GIS and Remote Sensing Service of
the University of Girona, Spain

SQL: Structured Query Language

STISA 2024: Science Technology Innovation
Strategy for Africa

STSM: Short Term Scientific Missions

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

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. There is an invitation to anyone interested in submitting research articles to the Special issue "Advances in Social Network Analysis – Spatio-Temporal and Semantic Methods" in the Open Access Journal ISPRS International Journal of Geo-Information. More information and the full call for papers can be found at https://www.mdpi.com/journal/ijgi/special_issues/social_spatial



Submission deadline: 30 June 2020.

Data from geospatial applications, such as social media, location-based service (LBS), and volunteered geographic information (VGI) platforms, have become a prominent source for modeling human behavior and for better understanding complex social dynamics in geographic spaces. The massive amount of multi-dimensional data (spatial, temporal, semantic) from these sources is typically unstructured and thus calls for an advance in data representation, modeling, analysis, and visualization for the successful transition from data to information. This Special Issue is inviting contributions that demonstrate integrated analysis of spatial, temporal, and semantic data from social networks, including their content, linkage, and structure, towards a better understanding of social behavior, human interaction patterns, and the dynamic characteristics of real-world phenomena and events. This involves novel use of machine learning approaches, analysis frameworks, data mining, and (geo-)statistical methods to exploit unstructured content of social network data. This Special Issue also encourages the demonstration of new analytical tools; discussion of current data privacy and licensing issues; the exploration of data from lesser known social media, LBS, and VGI platforms; and the application of fusion methods of data across multiple platforms.

3. Special Issue “Geospatial Open Systems” ISPRS. International Journal of Geo-Information

This Special Issue intends to synergize insight about the state of knowledge of open systems scoping, design, implementation, deployment, use, and sustainability for geo-information (geospatial) applications. Manuscripts that broaden and/or deepen insight into these topics are candidates for the Special Issue.

Scope: Open systems provide free access to geo-data and geo-information in a variety of geospatial domains, such as environmental science and management, human dynamics, transportation planning and management, geo-information crowdsourcing, community organizing, and

geosciences, among others. Open systems enable access for almost everyone, barring any illegal activity. Open systems might or might not use open source software as part of the development efforts. Open knowledge systems now in development for various applications promise to transform how people make use of data, information, evidence, and knowledge. The Special Issue explores the past, present, and future of open systems environments addressing data, information, and knowledge for geospatial applications. Any aspect of open geospatial data, information, knowledge, and software systems is a relevant topic as long as the topic is well reasoned and developed in a thorough manner in line with IJGI guidelines. Prospects for development and use of geospatial open source software are relevant for consideration. Software applications addressing these topics are also part of the scope, but the issue is not limited to these topics.

Deadline for manuscript submissions: 31 October 2020.

4. The Center for Fisheries Research (CIP) belonging to the Ministry of Food Industry, together with other national institutions, is pleased to inform you that from May 18 to 22, 2020, the IV International Workshop on FISHING, POLLUTION AND ENVIRONMENT will be held, which summons scientists and other professionals linked to the sector, as well as businessmen, and policy makers, with the objective of contributing to the scientific exchange on important and current issues in fisheries, industrial processing, aquaculture, aquaculture health, safety, pollution aquatic, taking into account the challenges that fish production faces on a global scale. The Workshop will promote a framework of reciprocity, the exchange of experience in view of the commitments to achieve Food Security, based on the sustainable use of fishery resources and the sustainability of aquaculture, as well as the increase in the added value of the products of the sea.

Those interested in obtaining information about the Workshop, send email to merisla@cip.alinet.cu and mrubio@cip.alinet.cu



5. The Faculty of Geography of the University of Havana and the co-sponsoring institutions convene the III International Convention "Geography, Environment and Land Management" under the slogan "For inclusive and sustainable territorial governance and management".

The event will be held from October 5 to 9, 2020, at the Convention Center of the University of Havana.

General objective of the Event:

Contribute to the analysis and dissemination of research carried out in the country and in other regions of the planet, mainly in Latin America, in the thematic areas of this III Convention, as well as the promotion of the scientific debate on the vital problems that currently exist in the geographical space and their transformation in view of the progress of the globalization and the dominant neoliberal orientation, which require a geographical education that contributes to the construction of a new culture of inclusive, participatory planning, governance and territorial management, and the evaluation of experiences accumulated in overcoming the pressing problems derived from climate change.

For more information: Dra. C. Nancy Pérez Rodríguez (nan@geo.uh.cu)

6. The largest annual European Geoscience conference (European Geoscience Union: EGU, usually about 16.000 attendees) took place as a virtual event on May 4-8.

Online attendance was free of charge (gratis) and no registration was required. This was a unique opportunity due to the COVID-19 pandemic and will not be available in the coming years.

Details here:

<https://www.egu2020.eu>

https://egu2020.eu/sharing_geoscience_online/sharing_geoscience_online.html

https://egu2020.eu/abstracts_and_programme/how_to_access_the_programme.html

https://egu2020.eu/sharing_geoscience_online/how_to_use_the_chats.html

Earth and Space Science Informatics (ESSI)/
Geosciences Instrumentation and Data Systems (GI):

- Select „ESSI“ or „GI“ via the blue programme groups button

<https://meetingorganizer.copernicus.org/EGU2020/sessionprogramme>

Video-Streams:

- Great Debates:

<https://meetingorganizer.copernicus.org/EGU2020/sessionprogramme/GDB>

- Union Symposia:

<https://meetingorganizer.copernicus.org/EGU2020/sessionprogramme/US>



7. Special Issue entitled "Applications of Remote Sensing and Geospatial Technologies to Earth Observations" in the online journal, Applied Sciences (ISSN 2076-3417, <https://www.mdpi.com/journal/applsci>).

For further reading, please follow the link to the Special

Issue: https://www.mdpi.com/journal/applsci/special_issues/Geospatial_RS

If this topic is of interest, you are warmly invited to submit a manuscript now or up until the deadline (1 December 2020). Submitted papers should not be under consideration for publication elsewhere. Authors are encouraged to send a short abstract or tentative title in advance.

