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. [http://www.meetup.com/OttawaOSGeo/](http://www.meetup.com/OttawaOSGeo/)

2. Events

- OSGeo’s Google Code-in Runners Up:
  - Dhanus SL
  - Lucifer
- OSGeo’s Google Code-in finalists (who receive Google hoodies) are:
  - TanvirSingh
  - anishagnihotri
- See here: [https://codein.withgoogle.com/winners/#winners_the_winners_from_all_organisations](https://codein.withgoogle.com/winners/#winners_the_winners_from_all_organisations)
  - Congratulations to the winners and finalists! But also a special congratulations to all students that received a certificate and/or t-shirt.

- The first QGIS Indonesia meet up was held at Gadjah Mada University in Yogyakarta, Indonesia, on 29 February 2020. In the meetup, there was a sharing session, technical session, and discussion about the QGIS Indonesia community itself. The agenda was:
  - Sharing Session:
    - The growth of open-source GIS (QGIS and Geoserver) in Indonesia by Ibnu Rosyadi
    - Land cover mapping by using machine learning and land change by using cellular automata on QGIS by Nur M. Farda
    - Basic GRASS in QGIS by Firman Hadi
    - The uses of QGIS in the forest and environmental management by Afandi Ahmad
    - QGIS for village mapping by Eko Kalisno

3. Events

- OSGeo is pleased to announce the 2019 Google Code-in Grand Prize winners, who each receive a free trip to Google headquarters in California, along with a parent/guardian, are students (note that these are the student’s account names, due to privacy concerns):
- OSGeo’s Google Code-in Winners:
  - Navya Garg
  - Pranay

[continued on page 4]
# Editorial Board

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

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
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- Technical session:
  - Bug reporting on QGIS and QGIS community’s activities around the world by Ismail Sunni
  - Translating QGIS to Bahasa Indonesia by Adi Kurniawan
  - Creating graphical modeler on QGIS by M. Iqnaul
  - Basic QGIS by M. Anshori
- For more information (in Bahasa Indonesia) you can visit [https://qgis-id.github.io/#meetup](https://qgis-id.github.io/#meetup)

4. Conferences

**Europe**

**April 2020**
1. 21-24 April: GISRUK
   Venue: London, UK.

**May 2020**
2. 7-9 May: GISTAM 2020 6th International Conference on Geographical Information Systems Theory, Applications and Management
   Venue: Prague, Czech Republic
3. 12-15 May: INSPIRE Conference 2020
   Venue: Dubrovnik, Croatia

**September 2020**
4. 15-18 September: GIScience
   Venue: Poznań, Poland

**North and Central America and the Caribbean**

**April 2020**
5. 3 April: QGIS New York
   Venue: Cornell University, Mann Library, Ithaca, New York, USA
6. 6-10 April: AAG 2020 Annual Meeting
   Venue: Denver, Colorado, USA

**May 2020**
7. 24-27 May: 17th International Conference on Information Systems for Crisis Response and Management (ISCRAM 2020)
   Venue: Blacksburg, Virginia, USA

**August 2020**
8. 24-29 August: FOSS4G.
   Venue: Calgary Telus Convention Centre, Calgary, Canada

5. Webinars

- Introductory Webinar: Using the UN Biodiversity Lab to Support National Conservation and Sustainable Development Goals.
  March 24, 2020: Introduction to Spatial Data and Policies for Biodiversity
  March 31, 2020: UN Biodiversity Lab: Introduction and Training
  April 7, 2020: How are Countries Using Spatial Data to Support Conservation of Nature?

6. Courses

The Land Portal Foundation would like invite you to a workshop "Putting Data Into Action: Shaping an Open Up Guide on Land Governance". The workshop will take place in Washington DC on Monday March 16th (from 9AM - 3PM) and is organized together with the Open Government Partnership and the Open Data Charter, hosted at the OpenGov Hub.

This workshop provides a unique opportunity to ensure that land data is included in an important international data process: the Open Up Guides developed by Open Data Charter. These guides have very successfully helped governments, civil society, and other stakeholders work together to make data open and usable, setting priorities, identifying the standards to use, and linking data with action. Such an open up guide for land could catalyze the SDGs process and harmonize ongoing data efforts globally by bringing in an even wider range of stakeholders. We feel the perspectives of the members of this working group will be very valuable for our discussions.

Please find more information on our website, including details on how to sign up. And please note also that we are unable to provide travel support. Those of you already in Washington DC or traveling there for the World Bank Conference on Land & Poverty (or for any other reason), are most welcome to join us.

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
  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
AGS: American Geographical Society
AGU: American Geophysical Union
AM/FM: Automated Mapping/Facilities Management
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
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
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
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 multidimensional 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.


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


The course is provided in English. It consists of five units as follows including 18 lessons. The content was developed in November 2017 and last edition was delivered in 2018.

Unit 1: Open Data Principles
Unit 2: Using Open Data
Unit 3: Making Data Open
Unit 4: Sharing Open Data
Unit 5: Intellectual Property and Copyright