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/))

4. Conferences

Europe

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

May 2020
2. 12-15 May: INSPIRE Conference 2020
   Venue: Dubrovnik, Croatia

September 2020
3. 15-18 September: GIScience
   Venue: Poznań, Poland

North and Central America and the Caribbean

December 2019
4. 9-13 December: AGU Meeting
   Venue: San Francisco, California, USA

April 2020
5. 6-10 April: AAG 2020 Annual Meeting
   Venue: Denver, Colorado, USA
6. 6-10 April: Symposium on Frontiers in CyberGIS and Geospatial Data Science
   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
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Email: na.gfa.chair@osgeo.org

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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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  - Mail list: http://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-urbanscience
  - Website: http://wiki.osgeo.org/wiki/OpenCitySmart

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  - Chairs: Elżbieta Wołoszyńska-Wiśniewska (Poland), Nikos Lambrinos (Greece)
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  - Chairs: Peter Mooney (Ireland) and Maria Brovelli (Italy)
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  - Website: http://wiki.osgeo.org/wiki/Agrigis
5. Webinars

- **Using the UN Biodiversity Lab to Support Biodiversity Monitoring & Reporting**

Spatial data are available for your country through the UN Biodiversity Lab [1] on trends such as the rate of forest loss between 2000-2017 and protected area coverage of key biodiversity areas. You can also access maps that can help you understand where to take actions, such as those that safeguard ecosystem services and carbon stores in the environment. Would you like to learn how to use the UN Biodiversity Lab Status Maps [2] to support biodiversity monitoring and reporting?

Watch the webinar recording at [https://youtu.be/Bo2WiWtQ9s](https://youtu.be/Bo2WiWtQ9s)

[1] [https://unbiodiversitylab.org](https://unbiodiversitylab.org)

7. Training programs

- GeoForAll educational materials have been transferred to our new website. [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
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
17. Ideas / Information

1. To post your FOSS4G educational information go to [http://www.osgeo.org/education](http://www.osgeo.org/education). There you can find more educational activities posted by members of our community.

FOSS4G is the annual global event of the Open Source Geospatial Foundation. It is the largest technical geospatial Open Source conference in the world. The FOSS4G conference focuses on Free and Open Source Software for Geospatial applications. In addition to high level technical talks four key domain are discussed every year to showcase the connection between free and open source software and communities from neighbouring domains.

2. University of Colorado – College of Liberal Arts & Sciences

Assistant Professor position

The University of Colorado Denver l Anschutz Medical Campus seeks individuals with demonstrated commitment to creating an inclusive learning and working environment. We value the ability to engage effectively with students, faculty and staff of diverse backgrounds.

The Department of Geography and Environmental Sciences (GES) at the University of Colorado Denver (CU Denver) invites applications for a tenure-track appointment at the Assistant Professor level in the area of Human-Environment Interactions to begin in August 2020. We seek a Human Geographer focused on environment-society topics such as energy and resources, environmental justice, food and agriculture, natural hazards, social vulnerability, urbanization and development, and/or water resources. Candidates should demonstrate rigorous and innovative theoretical, methodological and public engagement/communication components to their social science research. We also seek candidates committed to excellent teaching and mentoring at the undergraduate and graduate levels.

Assistant Professor – 17211
Assistant Professor
[https://cu.taleo.net/careersection/2/jobdetail.ftl](https://cu.taleo.net/careersection/2/jobdetail.ftl)
The candidate will be expected to teach four courses (2/2) per academic year that may include undergraduate classes such as Environment, Society and Sustainability and Introduction to Human Geography as well as advanced undergraduate and graduate courses in their area of specialization. Candidates must have a PhD in geography or related discipline at the time of appointment and maintain an active research program that yields publications and external grant submissions.

Posting Date Sep 12, 2019, 9:09:30 AM
Unposting Date Ongoing
Posting Contact Name: Gregory Simon
Posting Contact Email: gregory.simon@ucdenver.edu
Position Number: 00636687

3. The European Commission - Joint Research Centre (JRC) in Ispra (Italy) has just opened a position for a trainee to join the team working on the implementation of the INSPIRE Directive. In the context of improving the usability of INSPIRE data and facilitating the integration with other relevant sources, the trainee will explore the synergies between the INSPIRE and the OpenStreetMap (OSM) data ecosystems. More specifically, the trainee will contribute to the development of an OSM encoding for INSPIRE data through the definition of transformation rules resulting from the analysis of data models. These rules will be applied in practice to transform existing INSPIRE data sets and integrate them with OSM data sets. The trainee will also assess the pros and cons of the transformation, technical and organisational barriers and challenges encountered, as well as usability issues solved. The work is expected to produce scientific outputs such as research papers and/or oral presentations at conferences/workshops. Candidates shall have a Masters/PhD degree, or be enrolled in a PhD degree or in the final year of a Masters degree in Geoinformation Science, Geomatics, Computer Science, or a related discipline. You can download the vacancy notice at https://recruitment.jrc.ec.europa.eu/showprj.php?type=T&id=13310 and submit an application at https://recruitment.jrc.ec.europa.eu/call-for-training.php?inst=DGI&pid=13310
Deadline for applications is January 10, 2020.

4. EgyptSat-A, owned by Egypt’s National Authority for Remote Sensing and Space Sciences, an Egyptian government agency tasked with gathering and studying satellite imagery of the Earth, was launched on February 21st from Baikonur, Kazakhstan. The spacecraft’s electro-optical imaging system includes an Earth-viewing telescope and camera that can spot surface features as small as 3.3 feet (1 meter), with similar capabilities as the failed EgyptSat 2 satellite. EgyptSat-A is the third Egyptian Earth observation satellite built in Russia, following the EgyptSat 1 spacecraft launched in 2007 and EgyptSat 2 launched in 2014. The satellite weighs more than a ton fully-fueled, and Tass reported EgyptSat-A features several improvements over the EgyptSat 2 design, including improved solar batteries and a high-speed radio link with ground stations. More details at: https://spaceflightnow.com/2019/02/20/soyuz-ready-for-launch-with-egyptian-imaging-satellite/

5. Egypt succeeds in winning the hosting of the African Space Agency. More details at: https://www.youm7.com/story/2019/2/8/%D9%85%D8%B5%D8%B1-%D8%AA%D9%86%D8%AC%D8%AD-%D9%81%D9%89-%D8%A7%D9%84%D9%81%D9%88%D8%B2-%D8%A8%D8%A7%D8%B3%D8%AA%D8%B6%D8%A7-%D9%81%D8%A9-%D9%88%D9%83%D8%A7%D9%84%D8%A9-%D8%A7%D9%84%D9%81%D8%B6%D8%A7%D8%A1-%D8%A7%D9%84%D8%A3%D9%81%D8%B1%D9%8A%D9%82%D9%8A%D8%A9/4133355 (in Arabic) and Rania Elsayed (ranyaalsayed@gmail.com)
6. "Collaborative list of events on Geographic Information Technology (TIG)". An excellent source of information (in Spanish)

Add a TIG event "Collaborative list of events on Geographic Information Technology (TIG)"

"You can include an event from the form https://forms.gle/AfvDzjWLBCVi6qV7;

How to add an event View added events License

To add an event use the form. The events added by the community can be found in the "Form response" tab. Also included in the Nosolosig Events Agenda: The “Collaborative List of Events on Geographic Information Technologies (TIG)” of Nosolosig has a Creative Commons Attribution 4.0 International license

https://forms.gle/AfvDzjWLBCVi6qV7

"Form responses" tab

https://creativecommons.org/licenses/by/4.0/

http://www.nosolosig.com/geo-eventos

Types of events
- All related to Geographic Information Technologies and maps. Workshops and webinar are included but not courses, for which a similar list is being prepared Ambit
- Although the events are mainly in Spanish (or held in Spain and Latin America), you can add other international events that you think are relevant

Who
- Anyone can add an event, even if it is not part of the event organization

Veracity of the data
- There is no responsibility for the accuracy of this data; the data is collected by volunteers many times outside the organization of events

Comments
- Any comments, suggestions, congratulations or scolding, please contact Nosolosig: nosolosig@nosolosig.com

Share
- URL of the collaborative List of TIG events to share: https://nosolosig.page.link/listaEventosTIG

More info
- In the news Collaborative list of events on Geographic Information Technologies published in Nosolosig

7. 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, has 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.

8. You are invited to submit a research paper to “OpenStreetMap as a multi-disciplinary nexus: Perspectives, Practices and Procedures”, a Special Issue of the ISPRS International Journal of Geo-Information. The aim of this Special Issue is to showcase both the ongoing innovation and the maturity of scientific investigations and research into OpenStreetMap, demonstrating how, as a research object, it converges multiple research areas together. Collecting contributions from multiple disciplines and domains, this Special Issue will show how the sum total of investigations of issues like VGI, geo-information, and geo-digital processes and representations can shed light on the relations between crowds, real-world applications, technological developments, and scientific research. This Special Issue is primarily aimed at collecting papers that extend the research works presented in the Academic Track of State of the Map 2019, held in Heidelberg (Germany) on September 21–23, 2019. However, other original submissions aligned with the area of research are also highly welcome.

We expect empirical, methodological, or conceptual contributions addressing any scientific aspect related to OpenStreetMap, in particular, but not limited, to the following:

- Extrinsic and intrinsic quality assessment of OpenStreetMap data
- Analysis of contribution patterns in OpenStreetMap
- Interactions between OpenStreetMap and other data sources
- Analysis/comparison of available software for scientific purposes related to OpenStreetMap
- New approaches to facilitate or improve data collection in OpenStreetMap (e.g., through gamification or citizen science approaches)
- Bridging the communities: Creating better connections and collaborations between the scientific community and the OpenStreetMap community
- Open research problems in OpenStreetMap and challenges for the scientific community
- Cultural, political, and organizational aspects of data production and usage practices in OpenStreetMap
- Literature reviews and theoretical papers on any of the listed topics or topics related to the scope of the Special Issue

More details at: https://www.mdpi.com/journal/ijgi/special_issues/OpenStreetMap