



# GeoForAll

Monthly Newsletter



## Table of Contents

Editorial ..... 1

Editorial Board ..... 2

1. Activities ..... 1

2. A) Lab of the month.....

    B) GeoAmbassador ..... 1

3. Events ..... 5

4. Conferences ..... 6

5. Webinars ..... 7

6. Courses ..... 7

7. Training programs ..... 7

8. Key research publication ....

9. Funding opportunities .....

10. New free and open software, open data ..... 7

11. Free Books ..... 8

12. Articles ..... 8

13. Scholarships for students and staff .....

14. Exchange programs for students and staff

15. Awards ..... 10

16. Web sites .....

17. Ideas ..... 10

18. Social contribution

## Be part of "Geo for All"

### 1. Activities of the Network

- [Ottawa, Ontario, OSGeo Meetup Group](http://www.meetup.com/OttawaOSGeo/) 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/>)
- Congratulations to all mentors and students who worked hard for all the excellent projects submitted to Helsinki NASA Europa Challenge. You can find all projects (from previous years also) at <http://eurochallenge.comopolimit/projects2017> and the video recording of the award event at <https://livestream.com/Coup4/nasa-europa-challenge-2017/videos/162117612>
- The Google Summer of Code results for OSGeo are available here: <https://summerofcode.withgoogle.com/organizations/4660070039158784/?sp-page=2#projects>

### 2. B) GeoAmbassador of the Month

Sven Schade



By Suchith Anand  
Nottingham Geospatial Institute, University of Nottingham, UK

Dear Colleagues,

On behalf of the GeoForAll community, it is my great pleasure to honor Sven Schade as our GeoAmbassador. Sven Schade is a Scientific Project Officer at the European Commission's science and knowledge service, the Joint Research Centre (JRC). He is based at the Ispra site in Northern Italy. Being a Geospatial Information Scientist by education (among the first to study Geoinformatics in Europe), Sven became a strong promoter of open principles and public participation in scientific research. Building on a wide range of experiences reaching from Spatial Data Infrastructures (SDIs), data interoperability, and Semantic Web technology via environmental research and Citizen Science, all the way to decision support systems and scientific support to policy making, he got into the rare position of being able to interconnect highly diverse communities and to foster multi-disciplinary collaborations.



## Editorial Board

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

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<b>Co-editor</b> 	<p>Emma Strong, Planner with the City of Gulfport, Mississippi  <a href="mailto:eestrong118@gmail.com">eestrong118@gmail.com</a></p>	North and Central America
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<b>Production Designer</b> 	<p>Nikos Voudrislis, MSc, PhD in geography education.  <a href="mailto:nvoudris@gmail.com">nvoudris@gmail.com</a></p>	Design and final formation of the newsletter



## 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](mailto: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](mailto:geoforall-iberoamerica@lists.osgeo.org).

### Africa Region

Chairs: Rania Elsayed Ibrahim (Egypt), 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](mailto: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](mailto: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](mailto:eu.gfa.chair@osgeo.org)

## GeoForAll Themes

### OpenCity Smart

➤ Chairs: Chris Pettit (Australia), Patrick Hogan (USA)

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

➤ Website:

<http://wiki.osgeo.org/wiki/OpenCitySmart>

### Teacher Training & School Education

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

➤ Mail list: [geoforall-teachertraining@lists.osgeo.org](mailto:geoforall-teachertraining@lists.osgeo.org)

➤ Website:

[http://wiki.osgeo.org/wiki/GeoForAll\\_TeacherTraining\\_SchoolEducation](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](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>



Examples of his service include his contributions as a member of the Advisory Board of the GeoForAll initiative (<http://www.geoforall.org/>), the Advisory Board of the European Citizen Science Association (ECSA, <https://ecsa.citizen-science.net/>) as co-chair, and the council of the International Society for Digital Earth (ISDE, <http://www.digitalearth-isde.org/>). As an editor-in-chief of the *International Journal of Spatial Data Infrastructure Research* (IJS DIR, <http://ijsdir.jrc.ec.europa.eu/>) he also supports open and free publication practices. Recently the portfolio of research papers and critical notes from the field has been extended to geospatial dataset descriptions, so that research on gathering and processing data can also be better rewarded.



One of his main activities at present concentrates on the relationship between Citizen Science (i.e. research conducted—at least partially—by laypersons) and environment-related policy making. As part of the so called Environmental Knowledge Community (EKC), Sven leads the related collaborative work with colleagues from the European Commission (DG Environment, DG Joint Research Centre, DG Research and Innovation, DG Clima, SDG Eurostat and the European Environment Agency), and external partners with a view to develop a shared understanding of environmental issues, improve decision making, and strengthen trustful relationships. Apart from openness and transparency, the potentials in using geospatially-aware methods and tools are immense, and a highly important—but not only—part of new and innovative solutions. Current investigations include, for example, the use of a mobile application to monitor invasive alien species, plant and animals that spear outside their usual territory and cause harm to e.g. human health or agricultural production (see <http://digitalearthlab.jrc.ec.europa.eu/app/invasive-alien-species-europe>); the use of a mobile phone app for raising awareness and collecting data about natural protected areas, Natura 2000 (see <http://digitalearthlab.jrc.ec.europa.eu/app/mynatura2000>); and work on an open source (hardware and software) solution to accurately measure air quality (see <http://www.mdpi.com/1424-8220/16/3/403>).

Parts of the above mentioned work are routed in the MYGEOSS project (<http://digitalearthlab.jrc.ec.europa.eu/mygeoss/>), to which Sven also contributed as part of the project team. It was an initiative to develop GEOSS-based (Global Earth Observation System of Systems) smart Internet applications informing European citizens on the changes affecting their local environment. Apart from a few applications that were developed in-house by the JRC, the majority of applications were developed through three open calls for innovative ideas, with the condition to use and produce open source software and data. All source code has been made available openly. Behind the scenes, the experiences gained from this work also helped to evaluate submissions to the University Challenge of the Copernicus Masters program (see, for example,



<http://www.copernicus-masters.com/prize/university-challenge/>) and NASA World Wind Europa Challenges (see, for example, <http://www.nasaeuropachallenge.com/>).

Alongside his services as program committee member to conferences such as AGILE, Big Data from Space, INSPIRE, and Earth Observation Science 2.0, Sven provides continuous support to the scientific tracks of the European and the International FOSS4G conferences. His ambitions to push for open science is also continued when reviewing scientific articles for journals such as *PlosONE*; *First Monday: Transactions in GIS*; *International Journal of Geographic Information Science*; *Computers & Geosciences*; and *Semantic Web - Interoperability, Usability, Applicability Journal*.

Sven has been working for the JRC since 2013, where he was already employed for three years as a post-doc (2009-2012). Before re-joining the JRC, he worked at the European Environment Agency ([EEA](#)) as project manager for the Shared Environmental Information System (SEIS). In his early career, Sven spent ten years with the Institute for Geoinformatics ([IfGI](#)) of the [University of Muenster](#), where he completed his [diploma](#) and [PhD](#) studies in 2004 and 2009, respectively, and contributed to numerous national and European-level research projects in the area of geospatial information science. At IfGI, Sven was employed as a member of the Münster Semantic Interoperability Lab ([MUSIL](#)), and between 2006 and 2009 he also worked as technical consultant for [Geospatial Partners s.r.l.](#)

To everybody reading this and identifying items of interest, I kindly invite you to contact Sven directly. You are also kindly invited to submit an article contribution to IJSDIR here: <http://ijmdir.jrc.ec.europa.eu/index.php/ijmdir/pages/view/authors>

We are proud to honor Sven Shade as our GeoAmbassador, and we are extremely grateful for his contributions to GeoForAll and for his selfless contributions for expanding geospatial education opportunities for all.

Best wishes

Suchith Anand

## 3. Events

- In January 2017 at the Geospatial World Forum 2017 in Hyderabad, India, GODAN released a call for participants to take part in a Local Farming Challenge, with support from the NASA Europa Challenge 2017. There was a range of amazing projects submitted for this challenge. In August 2017, at the final awards ceremony event held in Nokia headquarters in Finland, the winner of the GODAN challenge was announced: AgroSphere, which was developed by a team of high school and undergraduate NASA interns.

AgroSphere is an educational web application that visualizes the effects of climate change on agriculture using a large collection of global agriculture and climate data.

More details at

<http://opensourcegeospatial.icaci.org/2017/09/team-of-high-school-and-undergraduate-nasa-interns-win-the-godan-local-farming-challenge-award-2017/>

GODAN Award details at

<http://www.godan.info/news/agrosphere-wins-2017-godan-nasa-local-farming-challenge>



- Suchith Anand gave a presentation at the Research Data Alliance's Interest Group on Agriculture Data (IGAD) pre-meeting in Montreal (Canada) which took place from 17th to 18th September 2017. The slides of the presentation are at <https://f1000research.com/slides/6-1735>  
Details at <https://www.rd-alliance.org/group/agricultural-data-ig-igad/post/invitation-interest-group-agricultural-data-igad-pre-meeting>



## 4. Conferences

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### Asia

#### December 2017

1. 9 December: [SIGOPEN 2017](#) Developmental Workshop for Research on Open Phenomena, collocated with ICIS 2017  
Venue: Seoul, South Korea  
Submission Date: October 4th  
Notification of Acceptance to the Workshop: October 20th

### Europe

#### October 2017

2. 2-3 October: [2nd International Conference on GIS and Remote Sensing](#)

Theme: Mapping the Future with GIS & Advancement in Remote Sensing  
Venue: Vienna, Austria

3. 18-20 October: [gvSIG International Conference](#)  
Venue: Valencia, Spain.

The program of the 13th International Days of gvSIG is now available at

<http://www.nosolosig.com/noticias/920-disponible-el-programa-de-ponencias-y-talleres-de-las-13-jornadas-internacionales-de-gvsig>

#### November 2017

4. 20-22 November: 7<sup>th</sup> National Meeting of Open GIS of Portugal (in Portuguese)  
Venue: Porto.

Contact person: Dr. Jorge Gustavo Rocha ([jgr@di.uminho.pt](mailto:jgr@di.uminho.pt))

5. 28-30 November. [BiDS'17](#)

Venue: Centre de Congrès Pierre Baudis, Toulouse, France

#### February 2018

6. 19-22 February: [FOSS4G-IT 2018](#)  
Venue: Rome, Italy.

#### April 2018

7. 17-20 April: [GISRUK 2018](#) - 26th annual GIScience Research UK conference  
Venue: University of Leicester, UK.  
The closing date for the submission is on December

15th, 2017

#### June 2018

8. 13-15 June: [21st International AGILE Conference, AGILE 2018](#) "Geospatial Technologies for All".  
Venue: Lund, Sweden

#### October 2018

9. 1-5 October: [ISPRS Com IV Symposium](#)  
Venue: Delft, The Netherlands

### North and Central America and the Caribbean

#### October 2017

10. 4-6 October: [2nd International Conference on Smart Data and Smart Cities](#)  
Venue: Puebla, Mexico.

For a pdf in English please write to Sergio Acosta Y Lara ([sergio.acostaylara@mtop.gub.uy](mailto:sergio.acostaylara@mtop.gub.uy))

11. 20-22 October: State of the Map US ([SOTMUS](#))  
Venue: University of Colorado, Boulder, USA

#### March 2018

12. 19-23 March: 10th International Congress of Geomatics [GEOMÁTICA 2018](#)  
Venue: Havana, Cuba  
Convention Website:  
<http://www.informaticahabana.cu/es>

### South America

#### October 2017

13. 4-6 October: [gvSIG days](#) in Latin America  
Venue: Santa María (Rio Grande do Sul – Brasil)  
Inscription at  
<http://www.gvsig.com/es/eventos/jornadas-lac/2017/inscripcion>

### Africa

#### April 2018

14. 17-19 April: [7<sup>th</sup> Digital Earth Summit](#) "Digital Earth for Sustainable Development in Africa"  
Venue: Faculty of Science, Chouaib Doukkali University El Jadida, Morocco.  
Abstract deadline: October 21<sup>st</sup>, 2017



## 5. Webinars

- The first GeoForAll Iberoamerica webinar (in Spanish) took place on September  
<https://blog.gvsig.org/2017/09/07/geoforall-iberoamerica-presenta-el-webinar-gratuito-geomatica-libre-para-gestion-municipal-la-suite-gvsig-y-casos-de-uso/>  
<https://app.webinarijam.net/register/24718/df92367a13>  
 More information at “17. Ideas/Information.”

## 6. Courses

- Free course in Spanish about GIS in town management  
<https://blog.gvsig.org/2017/09/25/curso-gratuito-de-sistemas-de-informacion-geografica-aplicados-a-gestion-municipal-temario-y-1er-modulo-diferencias-entre-sig-y-cad/>

## 7. Training programs

- [GeoForAll educational inventory system, a place to search and share educational materials](#)
- Free training material in Spanish about QGIS and gvSIG. More details at [www.monitoreoforestal.gob.mx/](http://www.monitoreoforestal.gob.mx/) and <http://www.monitoreoforestal.gob.mx/educacion/course/view.php?id=50>  
 It is also uploaded at <http://www.osgeo.org/node/1817>
- TeachOSM is presenting a one-day open mapping workshop for geography teachers and other educators. Come attend the [\[State of the Map US conference\]](#) a special workshop where you can develop the skills you need to put open mapping in your classroom. This hands-on workshop is free to all US State of the Map conference attendees

and designed to help educators & students of all kinds to:

Acquire open mapping skills using OpenStreetMap  
 Use open mapping to teach geography, social sciences, and natural sciences

Incorporate open mapping into the AP Human Geography curriculum.

<https://www.eventbrite.com/e/every-student-a-mapper-how-to-put-open-mapping-in-the-classroom-tickets-38215295979>

The State of the Map conference takes place Fri 20 Oct through Sun 22 October.

Workshop date/time: Sunday 22 Oct 2017 9am-4pm.

Workshop location: University of Colorado, Boulder

## 10. New free and open software, open data, etc.

- Free GIS tool, which can detect and define the unknown projection of a ESRI shapefile. This tool was published last year at FOSS4G 2016 in Bonn. You can find it and test it for free at: <https://www.egger-gis.at/automatic-projection-detection/shapefile-projectionfinder/>. The owner (Manfred Egger from Austria) asks for feedback. You can contact him at [manfred@egger-gis.at](mailto:manfred@egger-gis.at)
- Version 11.0 of the OSGeo-Live GIS software collection (<http://live.osgeo.org>) has been released. This release has been a major reboot, with a refocus on leading applications and emphasis on quality over quantity. Less mature parts of the projects have been dropped with a targeted focus placed on upgrading and improving documentation. More information on the release can be found at <http://www.osgeo.org/node/1809>. Download the OSGeo-Live 11.0 image at <http://live.osgeo.org/en/download.html>



- The GeoMoose team is proud to announce the official 3.0.0 release! [Try the Demo](#) and read the [Quickstarts!](#). The full 3.0.0 documentation can be [found here!](#)
- The second gvSIG 2.4 Release Candidate (gvSIG 2.4 RC2) is now [available](#).  
We encourage you to test it and send us any errors and suggestions in the [users mailing list](#). The main new features of this version have been published at the gvSIG blog during the last weeks. Some of them are the possibility to download data from Open Street Map or the access to H2 from gvSIG Desktop.
- The PostGIS development team is pleased to announce the release of PostGIS 2.4.0. See the full list of changes in the <https://git.osgeo.org/gogs/postgis/postgis/raw/2.4.0/NEWS> Please report any bugs or errors <http://postgis.net/support/> that you find in this release.
  - Source:  
<http://download.osgeo.org/postgis/source/postgis-2.4.0.tar.gz>
  - html docs:  
<http://download.osgeo.org/postgis/docs/doc-html-2.4.0.tar.gz>  
(this version includes Japanese, German, Portuguese and Korean single html files)
  - pdf:  
<http://download.osgeo.org/postgis/docs/postgis-2.4.0.pdf>
  - epub:  
<http://download.osgeo.org/postgis/docs/postgis-2.4.0.epub>

## 11. Free Books, educational materials, etc.

- [Free book available:](#) “Learning GIS with Game of Thrones”  
<https://blog.gvsig.org/2017/07/12/learning-gis-with-game-of-thrones-free-book/>

- Number 22 of Spanish journal of science and technology of geographic information. “Revista Internacional de Ciencia y Tecnología de la Información Geográfica” is published in open:  
<http://www.geofocus.org/index.php/geofocus/issue/view/22>
- Free GeoSUR Newsletter Volume 4, No. 5-6-7, 2017 is now available for download in [English](#) and [Spanish](#) version. GeoSUR Newsletter seeks to disseminate GeoSUR Program’s achievements and characteristics as well as events, projects, and best practices for the application of GI in sustainable development and decision making in the region, as part of the Geospatial Data Infrastructure of the Americas.
- The final peer-reviewed, published academic proceedings for FOSS4G 2017 Boston is now available at:  
<http://scholarworks.umass.edu/foss4g/vol17/iss1/>  
You can download either the full proceedings pdf (including posters), or individual papers.
- Free book in Spanish about satellites for territory management <http://www.tysmagazine.com/libro-gratuito-satelites-de-teledeteccion-para-la-gestion-del-territorio/>

## 12. Articles

### Abbreviations

by **Nikos Lambrinos**, Chief Editor, and **Michael Finn**.

For those who would like to support this effort, please send any abbreviations to the Chief Editor ([labrinos@eled.auth.gr](mailto:labrinos@eled.auth.gr)).

3DEP: 3-D Elevation Program

AAG: Association of American Geographers

AGS: American Geographical Society

AM/FM: Automated Mapping/Facilities Management





ASPRS: American Society for Photogrammetry and Remote Sensing

AURIN: Australian Urban Research Infrastructure Network

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

GPS: Global Positioning System

GPX: GPS Exchange Format

HOT: Humanitarian OpenStreetMap Team

HPC: high-performance computing

ICA: International Cartographic Association

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

INSPIRE: Infrastructure for Spatial Information in Europe

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

OER: Open Educational Resources

OGC: Open Geospatial Consortium

OSGeo: Open Source Geospatial Foundation



OSM: OpenStreetMap  
 OTB: Orfeo Tool Box  
 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  
 SDI: Spatial Data Infrastructure  
 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  
 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

## 15. Awards

- The gvSIG Suite [has been awarded](#) in Helsinki with the “NASA Europa Challenge,” the slogan of which was “Make Earth More Livable.” Congratulations to gvSIG team.
- GODAN Award details at <http://www.godan.info/news/agrosphere-wins-2017-godan-nasa-local-farming-challenge>
- A little Blog post summarizing the OSGeo/GeoForAll student awards given out at FOSS4G 2017 is at: <http://2017.foss4g.org/program/student-awards/>

## 17. Ideas / Information

1. To post your FOSS4G educational information go to <http://www.osgeo.org/education>. There you can find more educational activities posted by members of our community.
2. The Regional/Thematic Group GeoForAll Iberoamerica would like to inform the community that they started with the series of webinars GeoForAll Iberoamérica, with the first webinar under the topic "Free Geomatics for municipal management. The gvSIG Suite and use cases." The recording of it is now available at [https://www.youtube.com/watch?time\\_continue=2&v=7XKDC3U7B7w](https://www.youtube.com/watch?time_continue=2&v=7XKDC3U7B7w). The next webinar will take place in October and it's called "Development of interactive learning contents for geoinformatics, with free and proprietary software." It will be announced soon.  
  
Thanks to all who contribute to make this happen.
3. An interesting call for research articles from René Westerholt from Heidelberg:  
“We are happy to invite you to submit your crowdsourcing-related research to a special issue on 'Urban Geoinformatics'”



## Crowdsourcing for Urban Geoinformatics

### Background:

Modern mobile devices are pervasively equipped with embedded sensors and cameras, and allow the positioning of media contents in geographic space. In combination with Web 2.0 technologies, this has led to the crowdsourcing approach, which in turn has become an important data acquisition paradigm. It is now possible to collect large amounts of geospatial data in a timely fashion and at low costs, especially in urban areas that feature vast numbers of contributors. Crowdsourcing thus opens up new possibilities for the disclosure of social processes, and for the coping of a range of societal and environmental issues related to urban conurbations. For instance, crowdsourcing allows the integration of user-generated information into urban planning and management workflows—and is thus a crucial step towards the design of smarter and more sustainable cities. However, at the same time, crowdsourcing brings up new issues to the research agendas: a) huge amounts of data need to be processed, b) more thorough interdisciplinary collaboration is needed, and c) a general lack of theorizing on crowdsourced geodata and underlying related processes. Further, researchers as well as practitioners are often sceptical about the suitability of crowdsourced data. This is mostly being caused by potential quality issues, heterogeneous data characteristics, lacks of user credibility, semantic ambiguities, and potential positional inaccuracies, among others.

### Call for Papers:

In order to address the outlined gaps, we call for the submission of papers on the analysis and application of crowdsourced geographic data, with a specific emphasis on urban research and issues. We welcome contributions on the following topics:

- ✓ Reviews of the state-of-the-art in using crowdsourced geographic information in urban research, planning, and management.

- ✓ Applications and empirical case studies that investigate urban issues by using crowdsourced geographic data (e.g., OSM, social media data)
- ✓ Supplementation of involuntary/authoritative urban datasets with crowdsourced geographic data.
- ✓ Extraction of 3D information from crowdsourced geographic data (e.g., from Kinect data, OSM data).
- ✓ The analysis of human behaviours for emergency (disaster) management, tourism, or urban planning and management. □ Quality assessment for crowdsourcing geographic data.
- ✓ (Further topics are welcome if they fit the overall theme.)

### Submission Guidelines:

Manuscripts should be submitted online: [here](#).

Submitted articles should not have been published previously, or be under consideration for publication elsewhere (except conference proceedings papers). All manuscripts are refereed through a peer-review process. All accepted manuscripts will be published open access in GSIS.

All article publishing charges (APC) will be covered by Wuhan University, so you can enjoy the benefits of publishing open access at no cost. Authors are recommended to prepare their manuscript by following the full instructions for authors: [here](#).

**Deadline for Submission:** 30 October 2017

