



# GeoForAll

Monthly Newsletter



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## 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/>)
- The GSoC/GCI admin team is happy to announce that OSGeo has been accepted as a mentoring organization in Google Code-in 2017 (<https://codein.withgoogle.com/>) "Pre-university students ages 13 to 17 are invited to take part in Google Code-in: Our global, online contest introducing teenagers to the world of open source development. With a wide variety of bite-sized tasks, it's easy for beginners to jump in and get started no matter what skills they have. Mentors from our participating organizations lend a helping hand as participants learn what it's like to work on an open source project. Participants get to work

on real software and win prizes from t-shirts to a trip to Google HQ!"

The GCI timeline can be seen at <https://developers.google.com/open-source/gci/timeline> :

If interested to volunteer as GCI mentor, then check [https://wiki.osgeo.org/wiki/Google\\_Code\\_In\\_2017\\_Mentors](https://wiki.osgeo.org/wiki/Google_Code_In_2017_Mentors)

- For those interested in AgriGIS research, the summary and slides from the Interest Group on Agriculture Data (IGAD) meeting are at <http://aims.fao.org/activity/blog/igad-data-experts-shared-their-knowledge-expertise-rda-igad-pre-meeting-montreal-get>

Please find the summary report from the RDA IGAD Pre-Meeting on Capacity Development in Agricultural Data Management at <http://www.godan.info/blog-posts/capacity-development-agricultural-data-management-updates-rda-igad-pre-meeting-montreal>

- [Inaugural QGIS Kenya User Group Meetup](#) on November 11 at Nailab, George Padmore Lane, Nairobi, Nairobi County, Kenya. A forum designed to bring together users of free and open source GIS tools and establish a community of professionals to champion the use and mainstreaming of QGIS and other related FOSS4G technologies in routine operations. The forum will involve presentations from other QGIS users drawn from different fields. In addition, there will be unconference sessions, which will involve open discussions, on the way forward for the group.



## Editorial Board

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

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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>



## 2. B) GeoAmbassador of the Month

### Professor Luciene Stamato Delazari



By Suchith Anand

Nottingham Geospatial  
Institute, University of  
Nottingham, UK

Dear Colleagues,

On behalf of the GeoForAll community, it is my great pleasure to honour Prof. Luciene Stamato Delazari from the Universidade Federal do Paraná in Brazil as our GeoAmbassador. Luciene is a full professor in Cartography and GIS at the Federal University of Paraná. She graduated in Cartographic Engineering in 1993 and obtained her master degree in Geodetic Science in 1996 and PhD in Engineering in 2004. In 1997, she joined the Department of Geomatics at the undergraduate and graduate level. Since 2015, Luciene has been the Head of Geodetic Science Program at the Federal University of Paraná. She is the Editor-in-Chief of the "Bulletin of Geodetic Sciences." Her research interests and publications are in cartographic visualization, interface design for cartographic products, automated cartographic design, and in the last few years, indoor mapping. In 2012, Luciene along with her colleagues helped to establish the Open Source Laboratory for South America at the Federal University of Paraná. Since 2008, Luciene has held a fellowship of "Conselho Nacional de Desenvolvimento Científico e Tecnológico- CNPq" (Brazilian Funding Agency). From July 2013 to July 2014, Luciene did a post-doctoral period at University of Nottingham, where I had the great opportunity to work with her on various joint research publications in schematic maps for indoor environments.



*Prof. Luciene Stamato Delazari (Universidade Federal do Paraná, Brazil)*

Over the years, Luciene has taught many courses in Cartography and GIS, both at the undergraduate and graduate level. In all lectures she uses open software and open data. Luciene has given guest lectures, tutorials, and courses at universities and conferences in many cities around Brazil and abroad. She has been supervisor of about 30 MSc and PhD students. Luciene is leading Cartography and GIS research at the Geodetic Science Program and has published over 30 journal papers in this field. In the ICC 2009 and 2011, her PhD students received the ICA Travel Award. In ICC 2015, together with other colleagues from Brazil, Luciene was part of the Scientific Committee and Organizing Committee.

Since 2014, she has had a research project collaboration with Massey University (New Zealand) (grant from CNPq) in the field of Ontologies and Semantics.

Geo for All is a worldwide movement that provides immediate benefit to the world. We aim to create openness in Geo Education for developing creative and open minds in students which is critical for building open innovation and contributes to building up Open Knowledge for the benefit of the whole society and for our future generations.

We are proud to honour Luciene as our GeoAmbassador, and we are extremely grateful for her contributions to GeoForAll.

Best wishes

Suchith Anand



## 3. Events

- The 15th International Geography Olympiad (iGeo) will be hosted by Canada from July 31 to August 6, 2018, in Quebec City. iGeo-2018 is organized under the auspices of the International Geographical Union (IGU) through the IGU Olympiad Task Force, in cooperation with the Canadian Association of Geographers, the Royal Canadian Geographical Society and the Université Laval. This is an event for students age 16 to 19. For more information, visit: <http://igeo2018.ulaval.ca/>.
- Geography 2050, Mobility: Nov. 16 and 17 will see the fourth event in a multi-year strategic dialog about the vital trends that will reshape the geography of our planet over the coming decades. This year is focused on how new forms of mobility will reshape the geography of our planet, and how new geographic tools, technologies and forms of data will fundamentally shape the future of mobility. We will have folks from the autonomous shared vehicle space, experts on autonomous flying taxi, thinkers and officials on mass transit, regional freight, someone from HyperLoopOne, folks from NASA talking about everything from drones to hypersonics, and two of the creators of GoogleMaps. The Geographer of the United States will be there, as will leaders from the Open Geospatial Consortium. <http://www.geography2050.org/>.
- World Town Planning Day is scheduled for Wednesday, November 8 with a live online conference. Details can be seen at [www.planning.org/international/worldtown/](http://www.planning.org/international/worldtown/)
- On behalf of The Global Open Data for Agriculture and Nutrition (GODAN), I would like to share the recording of the webinar on "Facilitating the use of standards and steps to achieving impact with open data"  
In this webinar, GODAN Action [http://www.godan.info/news/godan-action-enabling-practical-engagement-open-data-agriculture-and-nutrition] project leads Valeria

Pesce (The Global Forum on Agricultural Research) and Rob Lokers (Wageningen University and Research) present findings from their work on standards and impact evaluations of open data, with a special focus on weather data.

Valeria gives an overview of the trends and major gaps in the availability and use of weather data standards, followed by recommendations on how to make existing data standards more usable or develop services that facilitate the use of standards.

Rob shares on achieving impact with open data: the importance of context for the potential of open data and some examples from open weather data cases.

The webinar recording is at <https://www.youtube.com/watch?v=BMMvAOTZ1o&list=PLv8yRTnf9h7j-5SoKR6IEsd11EyzM8Cc>

Examples of relevant data standards include ISO, OGC, WMO, INSPIRE etc. that were presented and might be of wider interest.

- **GeoForAll meeting at FOSS4G + State of the Map Argentina**

Monday 23 October 2017 there was a GeoForAll meeting at the IGN (Instituto Geográfico Nacional, National Geographic Institute) of Argentina, organized by the LOC of FOSS4G + State of the Map Argentina.

The meeting was very well attended by members (around 40 people) of Universities and Research Centers (Universidad General Sarmiento, Universidad Nacional Tres de Febrero, Universidad Nacional del Centro de la Provincia de Buenos Aires. Tandil, Unievrnsidad de Lanús, Universidad de Buenos Aires.Facultad de Filosofía, Universidad Nacional de La Plata, Universidad de Avellaneda, Universidad Nacional de la Patagonia San Juan Bosco, Central Washington University, INTA, Universidad Católica Argentina (UCA), Universidad Nacional de San Martín).

Maria Brovelli presented GeoForAll, then all the participants presented the activities related to



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geospatial information at their Universities, highlighting specifically those related to FOSS4G.

The impression was that there is a lot going on in Argentina and that there is a vibrant and interesting community of educators. In the afternoon, Sergio Acosta y Lara, of the Departamento de Geomática, Dirección Nacional de Topografía, Ministerio de Transporte y Obras Públicas (Uruguay) connected via Skype and presented GeoForAll Iberoamérica and their activities.

The afternoon finished with some more presentations by Maria Brovelli, specifically about the GEOLab at Politecnico di Milano, Youthmappers (<http://www.youthmappers.org/>), PoliMappers (<https://polimappers.github.io/>), and concluding, with the UN-GGIM Academic Network (<http://unggim.academicnetwork.org/>).

Many attendees declared their interest in joining GeoForAll activities. Their first points of contact will be Sergio Acosta y Lara and Silvana Camboin, from Brasil (Universidade Federal do Paraná, Curiciba), who was also present at the meeting and able to kindly add details about the present and future of GeoForAll Iberoamérica (webinars in Spanish, the Spanish version of the Newsletter, and so on).

The meeting was a great occasion for better getting to know each other and for discovering how rich the situation in Argentina is.

Now we hope that, with thanks to the important work of the Iberoamerica GeoForAll, new labs will join our initiative, bringing new ideas and contributions.

Presentations will be available soon on the website of the conference FOSS4G + State of the Map Argentina (<http://www.foss4g-ar.org/>). Big thanks to the LOC that created this opportunity for

GeoForAll and OSGeo and to the Instituto Geográfico Nacional for hosting us!





## 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

### Europe

#### November 2017

2. 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))

3. 28-30 November. [BiDS'17](#)

Venue: Centre de Congrès Pierre Baudis, Toulouse, France

#### February 2018

4. 19-22 February: [FOSS4G-IT 2018](#)  
Venue: Rome, Italy.

#### April 2018

5. 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

6. 13-15 June: [21st International AGILE Conference, AGILE 2018](#) "Geospatial Technologies for All".  
Venue: Lund, Sweden

#### October 2018

7. 1-5 October: [ISPRS Com IV Symposium](#)  
Venue: Delft, The Netherlands

### North and Central America and the Caribbean

8. 19-23 March: 10th International Congress of Geomatics [GEOMÁTICA 2018](#)  
Venue: Havana, Cuba

Convention Website:

<http://www.informaticahabana.cu/es>

### Africa

#### April 2018

9. 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.

## 6. Courses

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- Free online course: "Geohealth: Improving Public Health through Geographic Information." More details at: <https://www.futurelearn.com/courses/geohealth>  
The course starts in November 20.  
This course is designed for professionals working in both human and animal health, and GIS specialists and geo-scientists who are interested in the health domain.

## 7. Training programs

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- [GeoForAll educational inventory system, a place to search and share educational materials](#)

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

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- 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>
- pgRouting Updates
  - pgRouting version 2.5.1 can be downloaded from <https://github.com/pgRouting/pgrouting/releases/tag/v2.5.1> and the documentation can be found at <http://docs.pgrouting.org/2.5/en/index.html>
  - osm2pgrouting version 2.3.0 can be downloaded from <https://github.com/pgRouting/osm2pgrouting/releases/tag/v2.3.0> and the documentation can be found at <https://github.com/pgRouting/osm2pgrouting/wiki/Documentation-for-osm2pgrouting-v2.3>
  - pgRoutingLayer version 2.2.0 documentation can be found at <https://github.com/pgRouting/pgRoutingLayer/wiki/Documentation-v2.2>. In QGIS plugins, select pgRoutingLayer and click on "upgrade Plugin."
- The GeoTools team is happy to announce the release of the new stable version of the GeoTools library. See the [blog post](#) for further details.

- The GeoServer team are happy to announce the release of GeoServer 2.12.0 as the new stable release based on GeoTools 18.0. This release sees the results of the 2017 Code Sprint upgrade of the REST API from Restlet to Spring MVC. It also now provides the ability to cascade WMST servers in the same way that WMS cascading has always worked. Many other improvements and bug fixes are included, please see the [blog post](#) for full details.

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

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- 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/>
- About Open Source GIS take a look at the "GIS Professional" journal: [https://www.gis-professional.com/magazine/october-2017?utm\\_source=Newsletter+Superlist&utm\\_campaign=834a68a6d0-GP-New-Issue\\_2017\\_10\\_09&utm\\_medium=email&utm\\_term=0\\_9bcc6040d6-834a68a6d0-46207181](https://www.gis-professional.com/magazine/october-2017?utm_source=Newsletter+Superlist&utm_campaign=834a68a6d0-GP-New-Issue_2017_10_09&utm_medium=email&utm_term=0_9bcc6040d6-834a68a6d0-46207181) It also contains an interview of Suchith Anand. You may subscribe.
- From Suchith Anand:  
On behalf of the Editorial Board of the Open Geospatial Data, Software and Standards Journal, I am pleased to share the Special issue on "Open Science for earth remote sensing: latest developments in software and data". Please read



the following preface by the guest editors, to become familiar with this successful collection.

<https://link.springer.com/article/10.1186/s40965-017-0039-y/fulltext.html>

[https://link.springer.com/journal/40965/topicalCollection/AC\\_2e95924270638072d6d5f03b92fd6deb](https://link.springer.com/journal/40965/topicalCollection/AC_2e95924270638072d6d5f03b92fd6deb)

## 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

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

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

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

- See an interesting article at <https://www.gis-professional.com/content/article/opensource-gis-working>. The title is "A disruptive force or a driver of Innovation?" by Niall Conway (<https://www.linkedin.com/in/niall-conway-01b38b19/>), an Irish/Australian GIS professional, urban planner, and casual academic. Niall is also the author of Geobreadbox <http://www.geobreadbox.com> and publishes a lot of interesting blogs on the latest developments in Geo.
- "Why QGIS should be part of everyone's GIS toolbox." Free article by Mike Miller of wider interest at <http://millermountain.com/geospatialblog/2017/>



[04/20/qgis-arcgis-users/](http://04/20/qgis-arcgis-users/) You can link to his blog at <http://millermountain.com/geospatialblog/>

- “Free and Open Source Software for Geospatial Applications (FOSS4G) to support Future Earth” by Maria Antonia Brovelli, Marco Minghini, Rafael Moreno Sanchez, and Ricardo Oliveira (International Journal of Digital Earth, vol.10, issue 4, 2017). A PDF version compatible for web publication is accessible here:  
[https://re.public.polimi.it/retrieve/handle/11311/1009702/169461/Brovelli\\_Minghini\\_Moreno\\_Oliveira\\_POST-PRINT.pdf](https://re.public.polimi.it/retrieve/handle/11311/1009702/169461/Brovelli_Minghini_Moreno_Oliveira_POST-PRINT.pdf) and/or  
<http://www.tandfonline.com/doi/abs/10.1080/17538947.2016.1196505>

## 13. Scholarships for students and staff

- Erasmus Mundus seeking grant students. Master of Science in Geospatial Technologies. More details at: <http://mastergeotech.info> and <https://www.facebook.com/mastergeotech/>
- The cutting-edge Ph.D. program in Geospatial Analytics ([go.ncsu.edu/geospatial-phd](http://go.ncsu.edu/geospatial-phd)) at North Carolina State University’s Center for Geospatial Analytics ([geospatial.ncsu.edu](http://geospatial.ncsu.edu)) is now accepting applications for Fall 2018 enrollment. Twelve fully funded graduate assistantships with \$25,000 salary, benefits, and tuition support are available. The application deadline is February 1, 2018. The Center for Geospatial Analytics at NC State is an internationally recognized collaborative hub for interdisciplinary data scientists advancing novel understanding of spatial phenomena and applying new knowledge to grand challenges. Ph.D. students will receive multidisciplinary advising and the opportunity to work with over twenty faculty fellows with diverse expertise from nearly a dozen departments across NC State. Students with backgrounds in quantitative methods in

geography, geomatics, informatics, and remote sensing are strongly encouraged to apply. We welcome students interested in pushing the boundaries of geospatial analytics and technology from a variety of perspectives, including design, cognitive science, natural resources and the environment, computer science, engineering, and more. Faculty at the center develop and apply innovative techniques that include tangible user interfaces and 3D visualizations, novel remote sensing and image processing algorithms, open source software solutions, dynamic spatio-temporal modeling, participatory research with stakeholders, and citizen science. NC State’s unique graduate program in Geospatial Analytics also includes an off-campus professional internship within government (local, state, federal), industry, nonprofit, private, or academic research organizations. Additional details and complete application instructions are available at [go.ncsu.edu/geospatial-phd](http://go.ncsu.edu/geospatial-phd). Interested students are also encouraged to contact Rachel Kasten, Graduate Services Coordinator ([rachelkasten@ncsu.edu](mailto:rachelkasten@ncsu.edu) or 919-515-2800), with any questions.

## 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/>
- We want to congratulate Sergio Acosta Y Lara and our colleagues in Uruguay on the excellent Nation-wide contest for public High School groups (belonging to Plan Ceibal) that is just successfully done. Many congratulations to all the teachers and students who took part in the National level competition.  
<https://gvsigbatovi.wordpress.com/2017/10/18/concurso-gvsig-batovi-premiacion/>  
<https://www.youtube.com/watch?v=H8IATbTsp28>



Geographers, the Royal Canadian Geographical Society and the Université Laval. Details at <http://igeo2018.ulaval.ca>



3. GeoForAll Iberoamerica publishes information of interest in its different social networks. You are all invited to follow us and make the social network of GeoForAll grow.



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## 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 15th International Geography Olympiad (iGeo) will be hosted by Canada from July 31 to August 6, 2018, in Quebec City. iGeo-2018 is organized under the auspices of the International Geographical Union (IGU) through the IGU Olympiad Task Force, in cooperation with the Canadian Association of

