

GeoForAll

Monthly Newsletter



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2. Lab of the Month

Northeast Institute of Geography and Agroecology of Chinese Academy of Science, China

By Suchith Anand



Suchith Anand,
Nottingham
Geospatial Institute,
University of

It is my great pleasure, to introduce our colleagues at Stuttgart University of Applied Science, Germany, as our "Geo4All" lab of the month.

The laboratory was established by Professor Franz-Josef Behr in October 2013 and was the first lab to be established under the ICA-OSGeo MoU in Germany. It has been expanding and providing support for the development and documentation of open-source geospatial software. They have the ability to implement scalable, multi-tier client-server architectures for research and development.

Stuttgart lab also provides contribution to disaster mapping and management with open tools and open data. For example, they organized a Mapathon for Nepal to support disaster relief (22 May 2015).

The laboratory aims to provide evaluation, usage, and dissemination of open-source IT and geospatial software technologies, open data, and open standards through integration of these resources in teaching and research.

Franz-Josef is also the founder of AGSE (Applied Geoinformatics for Society and Environment) initiative. Started in 2009, the conference takes place annually in different places all over the world. The overall scope of this conference series is to offer an interdisciplinary, international forum for sharing knowledge about the science and application of Geoinformatics with focus on developing countries. His efforts for expanding geoeducation opportunities for everyone is an inspiration for all of us and we thank him and his colleagues at Stuttgart for their contributions to the Geo4All initiative .

With FOSS4G 2016 happening in Bonn, Germany, it will be a great opportunity for expanding Geo4All to more universities in Germany, and we are looking forward to working and building more collaborations with all interested on this education mission.

Best wishes,
Suchith Anand



Editorial Board

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

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<p>Co-editor</p> 	<p>Sergio Acosta Y Lara, Departamento de Geomática Dirección, Nacional de Topografía, Ministerio de Transporte y Obras Públicas, URUGUAY sergio.acostaylara@mtop.gub.uy</p>	South America
<p>Production Designer</p> 	<p>Nikos Voudrislis, Principal of the 1st Primary School of Asvestochori, Thessaloniki, Greece, MSc, PhD candidate in geography education. nvoudris@gmail.com</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

South America Region

Chairs: Sergio Acosta y Lara (Uruguay) and Silvana Camboim (Brazil) Subscribe at mail list
<http://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-southamerica>

Email: sa.gfa.chair@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

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

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), Adrian Manning (UK)
- Mail list: geoforall-teachertraining@lists.osgeo.org
- Website: http://wiki.osgeo.org/wiki/GeoForAll_TeacherTraining_SchoolEducation

GeoForAll (GeoParaTodos) Themes in Spanish

- Chairs: Sergio Acosta y Lara (Uruguay), Antoni Pérez Navarro (Spain)
- Mail list: Spanish : geoforall-spanish@lists.osgeo.org
- Website: http://wiki.osgeo.org/wiki/GeoForAll_Spanish

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: Leibovici (U.K/France) and Venkatesh Raghavan (Japan/India)
- Mail list: <https://lists.osgeo.org/cgi-bin/mailman/listinfo/geoforall-agrigis>
- Website: <http://wiki.osgeo.org/wiki/AgriGIS>



4. Conferences

Asia

March 2016

1. International Conference on Radar and Imaging Technology (ICRIT 2016). March 2-4, 2016 Beijing, China
www.engii.org/conf/ICRIT/2016Mar/
The paper submission deadline of ICRIT 2016 has been extended to December 14, 2015.

North and Central America and the Caribbean

December 2015

2. 9-11: [Spatial Information for Human Health](#)
Santa Barbara, California, USA
3. 14-18: [American Geophysical Union Fall Meeting](#)
San Francisco, California, USA.

January 2016

4. 5-8: [Hawaii International Conference on System Sciences](#)
Kauai, Hawaii, USA

February 2016

5. 22-25: [URISA GIS/CAMA Technologies Conference](#)
Savannah, Georgia, USA
6. 22-25: [NSGIC Midyear Conference](#)
Annapolis, MD, USA

March 2016

7. 19-20: [LibrePlanet](#)
Boston, Massachusetts, USA

May 2016

8. 2-5: [FOSS4G North America](#)
Raleigh, North Carolina, USA [FOSS4GNA Call for Proposals](#) open. Early bird submission deadline is January 22, final submission deadline is February 8.

Europe

December 2015

9. 11th International gvSIG Conference
December, 2-4, at La Petxina Sports – Cultural Complex, Valencia Spain. More at <http://www.gvsig.com/en/events/gvsig-conference/11th-international-gvsig-conference> (in English and Spanish)

May 2016

10. 25-27 May 2016: The 14th International Conference of the Geological Society of Greece, in Thessaloniki, northern Greece. The conference addresses all subjects of Earth Sciences: GIS, geoinformatics, Remote Sensing, etc. More details in www.ege2016.gr

July 2016

11. 12-19 July 2016: ISPRS XXIII Congress, in Prague. More details at <http://www.isprs2016-prague.com/> There are two sessions of particular interest by our community:

Submission for papers is now open!

ABSTRACT type submission for the [ISPRS Archives \(deadline\)](#) 13th December 2015.

FULL PAPER type submission for [The ISPRS Annals \(deadline\)](#) 30th November 2015.

For details please see here: http://www.isprs2016-prague.com/program/calls/paper_submission

a) Special Session: SpS10 - FOSS4G: FOSS4G Session (chairs: Maria A. Brovelli, Helena Mitsova, Krishnan Sundara Rajan)

Keywords: Free and Open Source Software for Geoinformatics (FOSS4G), geospatial research platform and systems for developing new applications crossing the new frontiers towards the Internet of Places, Big Geospatial Data processing and analytics, and complex simulations essential for understanding and managing the earth systems, human societies, and their interaction

b) Theme session: THS16: Recent Developments in Open Data (chairs: Maria A. Brovelli, Hae-Kyong Kang, Hiroichi Kawashima)
Keywords: Open data, Linked open data, e-Government, Geospatial, Web.

Those who need more information may contact Maria Brovelli (maria.brovelli@polimi.it)

c) Session THS17: Smart cities

(Chairs: Chris Pettit & Arzu Coltekin)

Keywords: Geodesign, urban planning, visualization and spatial analysis of urban phenomena, energy use, walkability, pollution, health, infrastructure, population, aging.

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4. Conferences

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South America

December 2015

12. 2-4 December: International gvSIG Conference: "It's possible. It's real". The 11th International gvSIG Conference, organized by the gvSIG Association, will be held at La Petxina Sports-Cultural Complex (Valencia - Spain).

11as Jornadas Internacionales gvSIG: "Es posible. Es real". Del 2 al 4 de diciembre de 2015 tendrán lugar en el Complejo Deportivo-Cultural Pechina (Valencia - España), bajo el lema "Es posible. Es real", las 11as Jornadas Internacionales gvSIG, organizadas por la Asociación gvSIG.

March 2016

13. Third Call to participate in the "9th International Congress of Geomatics," GEOMÁTICA 2016 to be held in Havana Cuba, from 14 to March 18, 2016. GEOMÁTICA 2016 will be held as part of the 16th International Convention and Fair Informática 2016, which this year has the theme "Connecting Societies" Important!!! Send your papers. We count on your participation.

<http://www.informaticahabana.cu/en/eventos/show/91>.

Tercera Circular para participar en el IX Congreso Internacional de Geomática, que tendrá lugar en La Habana Cuba, del 14 al 18 de Marzo del 2016. GEOMÁTICA 2016 se desarrollará en el marco de la XVI Convención y Feria Internacional Informática 2016, que en esta Edición tiene como tema central "Conectando Sociedades" Importante!!! Enviar las Ponencias. Contamos con su participación. <http://www.informaticahabana.cu/eventos/show/91>



6. Courses

- Workshop on "gvSIG applied to town planning" in the International gvSIG Conference on Friday 4th December from 12:00 pm to 14:00 pm. More information at <http://blog.gvsig.org/> Those who are interested have to fill in the application form for the Conference at: <http://www.gvsig.com/en/events/gvsig-conference/11th-gvsig-conference/registration>
- [Mississippi State University's Geosystems Research Institute](#) provides 2 day QGIS workshops, including Introduction, Intermediate, and Advanced. It is free to local government employees (\$25 for the rest), and two locations are offered.
- [Triangle Area GIS](#) is a "collaboration site for multidisciplinary GIS users in the Triangle" area of North Carolina. They offer free webinars throughout the year in many GIS and mapping areas, as well as paid training and group meeting planning space.

7. Training programs

- MOOC usuarios: <http://web.gvsig-training.com/index.php/es/quienes-somos-2/noticias-2/145-the-free-mooc-cycle-gvsig-for-users>.

This free (open in continuous form) MOOC cycle "gvSIG for Users" (in English) is offered by gvSIG Association, in collaboration with GISMAP, and it is made up of three different Modules:

Module 1: "Introduction to GIS"

Module 2: "Layer Editing"

Module 3: "Raster Analysis" (starting in Autumn 2015).

- MOOC scripting: <http://web.gvsig-training.com/index.php/es/quienes-somos-2/noticias-2/140-massive-online-open-course-de-introduccion-a-scripting-en-gvsig-2-1>

Massive Online Open Course (MOOC-free and continuously open enrollment) about "Introducción a Scripting en gvSIG 2.1" 2nd. edition (Spanish only).

Curso Abierto Masivo en línea (MOOC-modalidad de inscripción gratuita y abierta continuamente) de "Introducción a Scripting en gvSIG 2.1" 2a. edición (en español solamente).

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7. Training programs

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- Geoforall educational inventory system, a place where to search and share educational materials:

http://www.osgeo.org/educational_content.

- Registration for online gvSIG Training courses is now open. They are part of the ones offered by the Certification Program of the gvSIG Association. Unlike previous editions, the registration mode becomes open for most of the courses' enrollment, so students can enroll and start the courses at any time they want. The courses currently available are:

General gvSIG courses (1)

Applied gvSIG courses (5)

Geoprocessing and Spatial Analysis courses in Spanish and Portuguese (5 in Spanish 5 Portuguese)

gvSIG extensions/addons (6)

Geospatial DataBases (1)

Free i3Geo course (1)

By participating in any of these courses you get credits for the gvSIG Certification Program that allows you to qualify for "gvSIG User" and "Expert gvSIG User" certification.

Ya están abiertas las inscripciones para los cursos a distancia de [gvSIG-Training](#), que forman parte de la oferta del Programa de Certificación de la Asociación gvSIG. A diferencia de las convocatorias anteriores, la modalidad de inscripción pasa a ser de matrícula abierta para la mayoría de los cursos, por lo que el alumno podrá matricularse y comenzar el curso cuando lo desee. Los cursos disponibles actualmente son:

Cursos gvSIG general (1)

Cursos gvSIG aplicado (5)

Cursos Geoprociamiento y Análisis Espacial, en español y portugués (5 en español 5 en portugués)

Extensiones gvSIG (6)

Bases de Datos Geoespaciales (1)

Curso i3Geo gratuito (1)

Al participar en cualquiera de estos cursos obtienes créditos del programa de certificación gvSIG que te permite optar a la certificación "gvSIG Usuario" y "gvSIG Usuario Experto".

9. Funding opportunities

The scope of the Observatório Oceânico da Madeira (OOM), opened the ARDITI competition to give a grant for a Doctor, to integrate in the Multinational Project Response and Preparedness to Oil and Chemical Spill - MARPOCS. The MARPOCS aims as the main goal, to take advantage from the work previously developed in an international level and in the European Union in different aspects of the accidental marine pollution and to develop and implement an integrated operational framework for preparing it and help to prevent and monitoring petrol spills of oil and HNS sub-region in the Atlantic involving Morocco, Madeira and Canarias in the context of the Lisbon Agreement, becoming Easily transmissible and extensible to other areas.

Applications must be submitted by electronic mail to arditi@arditi.pt before December 22, 2015. View full announcement at: <http://www.eracareers.pt/opportunities/index.aspx?ta sk=global&jobId=66604>

UOC has just now open the call for apply for a PhD and a grant. You can find the call at:

<http://www.uoc.edu/portal/en/escola-doctorat/acces/index.html>

For more information go to:

<http://www.uoc.edu/portal/en/escola-doctorat/linies-recerca/linies-nit/index.html>

11. Free books, newsletters, etc.

1. Proceedings of the FOSS4G Conference that took place in Seoul in September, 14-19, 2015. You can download the book from <http://www.meci.co.kr/societyevent/FOSS4G2015/download/FOSS4G%20PROCEEDINGS%20ver2.pdf>
2. This Tutorial about Remote Sensing (from the Telecan project <http://www.pct-mac.org/registroficha?id=5d2aa781-0619-48b4-b397-1febb3a58d65>) has a technical and business sense with the overall goal of stimulating the use of remote sensing and creation of value added products and services in addition to improving the training and skills of the project partners and the business and research sectors in remote sensing (in Spanish).

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Este Tutorial de Teledetección Espacial (producto del proyecto Telecan <http://www.pct-mac.org/registroficha?id=5d2aa781-0619-48b4-b397-1febb3a58d65>) tiene una orientación técnica y empresarial, siendo su objetivo global, además de mejorar la formación y las capacidades de los socios del proyecto y del tejido investigador y empresarial en materia de teledetección, el estimular el uso de la teledetección y la generación de productos y servicios de valor añadido: http://www.grss-ieee.org/wp-content/uploads/2014/07/ES_TUTORIAL_COMPLETO.pdf

3. The International Cartographic Association (ICA) has published *The World of Maps*, a book produced to accompany the International Map Year. The objective of the book is to broaden the knowledge of cartography and geographic information among the general public and especially among school children: <http://mapyear.org/the-world-of-maps-book/>

La International Cartographic Association (ICA) ha publicado el libro “El mundo de los mapas”, en el cual, nos acerca al conocimiento de la cartografía y la información geográfica en general. “El mundo de los mapas” se ha publicado para conmemorar el Año Internacional del Mapa, que se celebra este 2015 y en el 2016. El mundo de los mapas se ha traducido al español a través de la Sociedad Española de Cartografía (SECFT), por J. M. García-Courel, en un trabajo coordinado por Pilar Sánchez-Ortiz, en colaboración con Antonio F. Rodríguez y Laura Carrasco, pertenecientes al Instituto Geográfico Nacional de España IGN: http://mapyear.org/files/wom/IMY_WoM_es.pdf

12. Articles

Abbreviations

by **Nikos Lambrinos**, Chief Editor

More abbreviations are added thanks to those sent by Siki Zoltan from Hungary.

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

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

CAD: Computer Aided Design

CLGE: The Council of European Geodetic Surveyors

COGO: Coordinate geometry

CRS: Coordinate Reference System

DAAC: Distributed Active Archive Center (of NASA)

EOS: Earth Observation Science

EOSDIS: Earth Observing System and Data Information System

DEM: Digital Elevation Model

DXF: Drawing Interchange File

EPSG: European Petrol Survey Group (used in projection IDs)

ESA: European Space Agency

EUROGI: European Umbrella Organisation for Geographic Information

FOSS: Free and Open Source Software

FOSS4G: Free and Open Source Software For Geospatial

GCP: Ground Control Point

GNSS: Global Navigational Satellite System

GPS: Global Positioning System

GPX: GPS Exchange Format

HOT: Humanitarian OpenStreetMap Team

ICA: International Cartographic Association

INSPIRE: Infrastructure for Spatial Information in Europe

KML: Keyhole Markup Language

ISPRS: International Society for Photogrammetry and Remote Sensing

LiDARL: Light Detection and Ranging

LOC: Local Organizing Committee

LOD: Level Of Detail

MoU: Memorandum of Understanding

NAD: North American Datum

NGA: National Geospatial Intelligence Agency

OER: Open Educational Resources

OGC: Open Geospatial Consortium

OSGeo: Open Source Geospatial Foundation

OSM: OpenStreetMap

RCMRD: Regional Centre for Mapping of Resources for Development

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SDI: Spatial Data Infrastructure
 SQL: Structured Query Language
 STSM: Short Term Scientific Missions
 TIN: Triangulated Irregular Network
 UAV: Unmanned Aerial Vehicle
 USGIF: United States Geospatial Intelligence Foundation
 WCS: Web Coverage Service
 WFS: Web Feature Service
 WGS: World Geodetic System
 WMS: Web Map Service
 WMTS: Web Map Tiles Services
 WPS: Web Processing Service

"The role of Earth Observation in Agriculture: towards creating reliable data and new services for a competitive Agri-Sector; The case of AGRO_LESS "

by Prof. **George Zalidis** [zalidis@i-bec.org], School of Agriculture, Aristotle University of Thessaloniki, Greece.

The two-year strategic project "Common reference strategies for reduced inputs agricultural activities" with the acronym «AGRO_LESS» under the European Territorial Cooperation Programme "Greece-Bulgaria 2007-2013," led by the Region of Central Macedonia, was successfully completed with a Conference which focused on Earth Observation data as a tool in increasing the competitiveness of the agricultural sector.

The conference was attended by representatives of the Central Government (GS MRDF) and both the decentralized and local sector while honoured guests of international calibre highlighted the importance of using Earth Observation Systems for improving the competitiveness in agriculture, food security, and markets.

The conference also presented the latest developments in the integration of new spaceborne, airborne, and ground platforms in agro-services; the considerable opportunities that soil spectroscopy libraries can offer; the rapid development of technology of unmanned aerial vehicles (drones), which form an integral tool in reducing input agriculture; and the need to educate farmers to

realize the benefits of reduced input agriculture and encourage its immediate implementation.

The Conference highlighted the need of utilizing EO Data to create and institutionalize a standard of reduced inputs practices as the most effective mean to boost Greek agriculture, by producing eco-friendly products with added value, increasing competitiveness and prices.

A long discussion was focused on the need and level of involvement of the end users as an agro-cluster in the implementation of similar projects, as their active participation ensures the immediate dissemination and capitalization of positive results of the project, i.e. to reduce agricultural production costs, reduce the ecological footprint, and simultaneously increase competitiveness and extroversion of the products with considerable economic benefits to all members.

Finally, emphasis was given on i-BEC's crucial role as an "Innovation Ecosystem" to promote new technologies, technology transfer and innovation from the Aristotle University and other research institutions, to the structures of the Regional Administration and Local Government and to the private sector (Agro Clusters, Enterprise Networks, etc.). I-BECs' scientific instruments, equipment, manpower, and reliable provision of operational data and services in real time are strategic support tools for policies and development initiatives of the regional structures of the National and Local Governments.

i-BEC hopes to establish new horizons and to become a platform and springboard for a wider intersectoral networking, in Greece and abroad, on how to use new technologies to enhance the competitiveness of agriculture and environmental protection.

This strategic goal, a standing commitment of its partners, will be achieved with comprehensive interregional and cross-sectoral initiatives, implementation of flagship projects, smart growth and sustainable development, implementation of innovative technology transfer activities to the end users, ensuring sustainability via after-the project-support, scalable infrastructure, and further training of skilled and qualified personnel.

To achieve its strategic and operational planning, i-BEC develops and maintains a network of strategic partnerships at global and national level led by its

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International Advisory Board. Simultaneously, i-BEC constantly expands its carrying capacity by developing a common strategy with prominent International Organizations (Airbus, ESA, GEO, Eurisy) for the collection and processing of EO Data at national and regional levels, sharing expertise through joint participation in flagship projects, initiatives, and actions. By strengthening its relations with societal partners and natural resources end users and of course the constant and open communication with its partners, i-BEC's efforts never cease to consolidate reciprocal relations, pursue new partners and associates, or create collaborative clusters for a range of initiatives

[Round table discussion: Integrating new Spaceborne, Airborne and Ground platforms \(Satellites, HAPS, Internet of Things, UAVs\) for Agro Services](#)

Representatives:

[Eyal Ben-Dor \(Tel Aviv University\) - Soil Spectral Library | Importance and Utilization for Food Security.](#)

[Steffen Kuntz \(AIRBUS\) - High Altitude Pseudo-Satellites \(HAPS\).](#)

[Kyriacos Themistocleous \(Cyprus University of Technology\) - The Use of UAVs for Remote Sensing | Applications in Agriculture | The future of UAVs,](#)

Via Teleconference:

[Karlheinz Kreuzberg \(Eurisy\),](#)

Matthew Bullock (European Space Agency),

Hristo Nikolov (Bulgarian Academy of Sciences)

["Joint reference strategies for rural activities of reduced inputs"; Overview of AGRO LESS Strategic project: European Territorial Cooperation Programme «Greece-Bulgaria 2007-2013»](#)

Konstantinos Michailidis; Region of Central Macedonia
["Innovative services for reduced inputs agricultural practices"](#)

Presenters:

Elli Kalopesa, George Galanis, Fotis Katsogiannos, Lazaros Misolpolinos; Interbalkan Environment Center

["Reduced inputs agriculture in Greece: The Road Map to Sustainability"](#)

Presenter:

George Petridis; MSc Chemical Engineer

Round table discussion: "Gained experience & future perspectives in reduced inputs agriculture"

Moderator: George Zalidis, Scientific Co-coordinator of Interbalkan Environment Center, Professor of Aristotle University of Thessaloniki

Representatives from:

Joint Technical Secretariat of the Programme "GREECE – BULGARIA 2007 – 2013", Region of Central Macedonia, Aristotle University of Thessaloniki, Interbalkan Environment Center, Decentralized Administration of Macedonia & Thrace, Region of East Macedonia & Thrace, Regional Municipalities Association "Maritza", Lyubimets Municipality, Municipality of Krumovgrad, Agricultural University Plovdiv, End-users.

13. Scholarships for students and staff

- Call for grant applications for the Information and Knowledge Society Doctoral Programme; Education and ICT (e-learning) Doctoral Programme, and Network and Information Technologies Doctoral Programme coming soon. Prepare your application in advance.

The deadline for applications for the doctoral programmes is 31 January 2016. The UOC is offering grants for these three doctoral programmes for 2016/2017 academic year.

The UOC is offering grants to study on the Doctoral School's different programmes, namely, the Information and Knowledge Society Doctoral Programme; the Education and ICT (e-learning) Doctoral Programme, and the Network and Information Technologies Doctoral Programme. To be eligible for the UOC Doctoral Grants Programme, students must be full-time and physically present at the University's premises.

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The conventional duration of the grants is three years, which can in some cases be extended to a fourth year of postdoctoral work. Grants require annual renewal. Renewal is contingent on the students achieving the training and research objectives established in each case. One of these objectives is to complete the doctoral thesis within a maximum of three years, after which students can apply for a further one-year postdoctoral grant.

The programme will offer the possibility to develop Industrial Doctorates, with grants for the best applicants with agreements with companies. Doctoral students undertaking an industrial doctorate will have a university supervisor and a tutor at the company.

Prospective applicants can find information on the application procedure and on the content and organization of each doctoral programme on the website. We recommend you contact the researcher who is in charge of the thesis proposal you are interested in and ask him for advice (e.g. by sending them a draft of the application letter).

Information and Knowledge Society Doctoral Programme:

<http://studies.uoc.edu/web/estudia/en/doctoral-programmes/information-knowledge-society/presentation>

Education and ICT (e-learning) Doctoral Programme:

<http://studies.uoc.edu/web/estudia/en/doctoral-programmes/education-ict/presentation>

The deadline for applications is 31 January 2016. Prepare your application in advance.

Universitat Oberta de Catalunya Doctoral School

For more details you may contact Antoni Perez Navarro [aperezn@uoc.edu].

- LibrePlanet offers scholarships for people who would like to attend the meeting (see Conferences – North America). For more information go to <https://my.fsf.org/civicrm/profile/create?gid=334&reset=1>

17. Ideas / Information

1. [California OSGeo](#) has a new website to keep track of news and updates. The 2015 annual meeting is tentatively scheduled for 23 January. Location and other details to be determined.
2. We are very glad to announce three (3) new Labs of our Network:
 - a) The HEIG-VD GIS-Lab University of Applied Sciences Western Switzerland at Yverdon les-Bains, Switzerland, in October, 8, 2015,
 - b) Global Studies and Collaboration (GSC), Aoyama Gakuin University, Kanagawa, Japan, on November 5, 2015, and
 - c) Remote Sensing & GIS, Asian Institute of Technology, Klong Luang, Pathumthani, Thailand, on November, 24, 2015.

Activities of HEIG-VD GIS Lab are: spatial databases, modeling, data infrastructures, interoperability, webmapping, spatial webservices, spatial analysis, GIS project management, geovisualization, human-computer interaction and interface design.

Activities of GSC Lab are courses with open source products and open data and the activities of the Asian Institute of Technology are Open-source Web mapping, LBS, crowd sourcing, Sensor Web, OGC WebServices and QGIS plugins; research, teaching, and consulting using OGS Web Services, QGIS and other OSGeo software.

We welcome all of them and wish them fruitful collaborations.



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FOSS4G.HU

The 4th edition of the Hungarian OSGeo Local Chapter one day conference was held on 27th of November at the Department of Geodesy and Surveying of the Budapest University of Technology and Economics. The event was organized by the staff of the Geo4All Lab of the department. More than 100 visitors took part in the full day event. 15 oral presentations and 8 posters were introduced in four thematic blocks:

- WEB technologies (4 presentations)
- Desktop technologies (4 presentations)
- Applications (3 presentations)
- FOSS4G community (4 presentations)

After the presentations the participants discussed the “Concerns and Myths about FOSS4G” in a roundtable discussion.

Finally two short workshops were held in the Geo4All labs using the OSGeo Live DVD, installed on the lab computers. The topic of the workshops were *Short Introduction to OpenLayers 3* and *Python Geospatial Programming*. Presentations (in Hungarian) and photos are available on the homepage of the event (<http://www.geod.bme.hu/gis/workshop4>). Videos were recorded during the event, too. These will be available on the Internet soon.

