



# GeoForAll

Monthly Newsletter



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## Be part of "Geo for All"

### 1. Activities of the Network

The Annual GeoForAll Meeting (AGM) took place on March 17th . The Online meeting was organized by Victoria Rautenbach. The meeting included the activities of the Network and the presentation of 17 Labs of our Network.

### 4. Conferences

#### EUROPE

##### April 2021

1. 14-16 April: [GIS Research UK \(GISRUK\)](#)

Venue: On line event by Cardiff University

Free

registration <https://www.eventbrite.co.uk/e/gisruk2021-annual-conference-tickets-143562239523>

Registration deadline: April 14th

2. 22-23 April: [EUROGEO 2021](#)

Venue: Madrid, Spain.

#### July 2021

3. 6-8 July: [12th International Symposium on Digital Earth](#) "Digital Earth for Sustainable Societies"

Venue: Faculty of Natural Sciences (Naturwissenschaftliche Fakultät) of the University of Salzburg, Salzburg, Austria

#### SOUTH AMERICA

##### September – October 2021

4. 27 Sept – 02 Oct.: [FOSS4G](#)

Venue: The Buenos Aires Convention Center (CEC) and the UBA Law School of the University of Buenos Aires, Buenos Aires, Argentina



### 5. Webinars

- If you want to start learning how to use QGIS, there are some excellent free resources at <https://www.gislounge.com/free-ways-to-learn-qgis/> and [https://www.gislounge.com/self-guided-qgis-courses/?utm\\_medium=email&utm\\_campaign=GISNL-Aug-27-2020&utm\\_source=YMLP](https://www.gislounge.com/self-guided-qgis-courses/?utm_medium=email&utm_campaign=GISNL-Aug-27-2020&utm_source=YMLP)



## Editorial Board

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

<p>Chief Editor</p> 	<p>Nikos Lambrinos, Professor, Dept. of Primary Education, Aristotle University of Thessaloniki, Greece. President of the Hellenic digital earth Centre of Excellence <a href="mailto:labrinos@eled.auth.gr">labrinos@eled.auth.gr</a></p>	Oceania
<p>Co-editor</p> 	<p>Rizwan Bulbul, Assistant Professor of GIScience Head of Geospatial Research and Education Lab Department of Space Science, Institute of Space Technology, Islamabad, Pakistan <a href="mailto:bulbul@grel.ist.edu.pk">bulbul@grel.ist.edu.pk</a></p>	India, Sri Lanka, Pakistan, Afghanistan, Nepal, Burma, Iran, Iraq, Jordan, Syria, Israel, Lebanon, Turkey, Saudi Arabia, Oman, Yemen, United Arab Emirates, Kuwait and Islands of S. Pacific.
<p>Co-editors</p> 	<p>Pavel Kikin, Senior Lecturer "Department of applied informatics and IT", Siberian State Univer. of Geosystems and Technologies Alexey Kolesnikov, Senior Lecturer "Department of cartography and GIS", Siberian State Univer. of Geosystems and Technologies <a href="mailto:it-technologies@yandex.ru">it-technologies@yandex.ru</a></p>	Russia, Mongolia, China, Japan, S. Korea, Vietnam, Thailand, Malaysia, Laos, Myanmar, Cambodia, Singapore, Brunei, Indonesia, Philippines, Turkmenistan, Uzbekistan, Tajikistan and Kyrgyzstan.
<p>Co-editor</p> 	<p>Rania Elsayed, Computers &amp; Information Researcher, Division of Scientific Training &amp; Continuous Studies, National Authority for Remote Sensing &amp; Space Sciences, Cairo, Egypt. <a href="mailto:ranyaalsayed@gmail.com">ranyaalsayed@gmail.com</a></p>	Africa
<p>Co-editor</p> 	<p>Seraphim Alvanides, Reader (Geographical Information Science) Northumbria University, Newcastle NE1 8ST, United Kingdom. <a href="mailto:s.alvanides@gmail.com">s.alvanides@gmail.com</a></p>	Scandinavian countries, Denmark, Germany, Austria, Switzerland, UK, Ireland, Iceland
<p>Co-editor</p> 	<p>Antoni Perez Navaro, Associate Professor at Universitat Oberta de Catalunya (UOC) Computer Sciences and Multimedia Department <a href="mailto:aperezn@uoc.edu">aperezn@uoc.edu</a></p>	Italy, Malta, Spain, Portugal, France, Belgium, The Netherlands, Luxemburg.
<p>Co-editor</p> 	<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
<p>Co-editor</p> 	<p>Sergio Acosta Y Lara, Departamento de Geomática Dirección, Nacional de Topografía, Ministerio de Transporte y Obras Públicas, URUGUAY <a href="mailto:sergio.acostaylara@mtop.gub.uy">sergio.acostaylara@mtop.gub.uy</a></p>	South America
<p>Co-editor</p> 	<p>Codrina Ilie, PhD student at the Technical University of Civil Engineering, Bucharest, Romania</p>	The Balkans, Ukraine, Moldavia, Estonia, Lithuania, Belarus, Latvia, Hungary, Czech Republic, Slovakia
<p>Production Designer</p> 	<p>Nikos Voudrisslis, MSc, PhD in geography education. <a href="mailto:nvoudrisslis@gmail.com">nvoudrisslis@gmail.com</a></p>	Design and final formation of the newsletter
	<p>Paulo César Coronado Sánchez, Professor of computer sciences at Universidad Distrital Francisco José de Caldas, Head of GISEPROI and OSGeoLabUD research Group. Bogotá, Colombia <a href="mailto:paulocoronado@gmail.com">paulocoronado@gmail.com</a></p>	Translator and designer of the Spanish Edition



## GeoForAll Themes

### ▪ OpenCity Smart

Theme under revision

### ▪ Teacher Training & School Education

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

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

## 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: Msilikale Msilanga (Tanzania), 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)



## GeoAmbassador Content table

July 2016, Vol.2, no.7	Prof. Georg Gartner, Vienna University of Technology
Aug 2016, Vol.2, no.8	Prof. Silvana Philippi Camboim, Federal University of Paraná, Brazil
Sep 2016, Vol.2, no.9	Nimalika Fernando, Sri Lanka
Oct 2016, Vol.2, no.10	Sergio Acosta Y Lara, Montevideo Uruguay
Nov 2016, Vol. 2, no. 11	Victoria Rautenbach, Centre of Geoinformation Science Univ. of Pretoria, South Africa
Dec 2016, Vol.2, no.12	Dr. Daria Svidzinska, Taras Shevchenko National University of Kyiv, Ukraine
Jan 2017, Vol.3 no.1	Dr. Mark Ware, University of South Wakes, UK
Feb 2017, Vol.3, no. 2	Dr. Rafael Moreno Sanchez, Department of Geography and Environmental Sciences, University of Colorado Denver, USA
March 2017, Vol.3 no.3	Dr. Tuong Thuy Vu, School of Environmental and Geographical Sciences, University of Nottingham, Malaysia campus
April 2017, Vol.3 no.4	Michael P. Finn, U.S. Geological Survey
May 2017, Vol.3 no.5	Dr. Peter Mooney, Maynooth University, NASA
June 2017, Vol.3 no.6	Patrick Hogan, NASA
July 2017, Vol.3 no.7	Prof. Dr. Josef Strobl, Salzburg
September 2017, Vol.3 no.9	Bridget Fleming, South Africa
October 2017, Vol.3 no.10	Sven Schade, Joint Research Centre, Italy
November 2017, Vol.3 no.11	Luciene Stamato Delazari, Universidade Federal do Paraná in Brazil
December 2017, Vol.3 no.12	Charlie Schweik, Univ. of Massachussets, USA
January 2018, Vol.4 no.1	Julia Wagemann, European Centre for Medium-Range Weather Forecasts
February 2018, Vol.4 no.2	Barend Köbben, Department of Geo-Information Processing University of Twente
March 2018, Vol.4 no.3	Kurt Menke, Birds Eye View
April 2018, Vol.4 no.4	Dr. Clous Rinner, Department of Geography and Environmental Studies at Ryerson University, Toronto, Canada
June 2018, Vol.4, no.6	Martin Landa, Department of Geomatics, Faculty of Civil Engineering, Czech Technical University (CTU) in Prague

## Lab of the Month, Content table

Aug 2015, Vol.1 no.1	Open Source Geospatial Lab, Kathmandu University, Nepal (Asia)
Sep 2015, Vol.1 no.2	FOSS4G Lab, University of Colorado Denver (USA)
Oct 2015, Vol.1, no.3	Open Source Geospatial Lab, University of Southampton, UK (Europe)
Nov 2015, Vol.1 no.4	The Northeast Institute of Geography and Agroecology of Chinese Academy of Science, China (Asia)
Jan 2016, Vol.2 no.1	Centre for Geoinformation Science, University of Pretoria, South Africa, (Africa)
Feb 2016, Vol.2 no.2	Open Source Geospatial Lab, University of Newcastle, UK, (Europe)
Mar 2016, Vol.2 no.3	SMART Open Source Geospatial Lab, University of Wollongong, (Australia)
Apr 2016, Vol.2 no.4	Regional Centre for Mapping of Resources for Development, Nairobi, Kenya (Africa)
May 2016, Vol.2 no.5	GeoDa Centre – Arizona State University, (USA)
June 2016, Vol.2 no.6	Direccion Nacional de Topografia – MTOP Montevideo, Uruguay, (South America)
July 2016, Vol.2 no.7	SIGTE – University of Girona, Spain (Europe)
August 2016, Vol.2 no.8	Open Source Geospatial Lab, Department of Geodesy and Surveying, Budapest Univ. of Technology and Economics, Hungary (Europe).
September 2016, Vol.2 no.9	Open Source Geospatial Lab, Faculty of Geodesy, University of Zagreb, Croatia, (Europe)
October 2016, Vol.2 no.10	Hellenic digital earth Centre of Excellence, Aristotle University of Thessaloniki, Greece, (Europe)
November 2016, Vol.2 no.11	Department of Geoinformatics, Palacký University in Olomouc, Czech Republic
December 2016, Vol.2 no.12	Asian Institute of Technology, Bangkok, Thailand
January 2017, Vol.3 no.1	Spatial Lab, Texas A&M, Corpus Christi, USA
February 2017, Vol.3 no.2	Open Source Geospatial Lab, Faculty of Civil Engineering, Belgrade, Serbia
March 2017, Vol.3 no.3	Geomatics and Earth Observation Laboratory (GEOlab) , Politecnico di Milano, Italy
April 2017, Vol.3 no.4	Faculty of Civil Engineering, Department of Geomatics, Czech Technical University in Prague, Czech Republic
May 2017, Vol.3 no.5	the Laboratory of socio-geographical research of the University of Siena, ITALY
June 2017, Vol.3 no.6	A World Bridge program
July 2017, Vol.3 no.7	Department of Civil, Environmental and Mechanical Engineering of the University of Trento, Italy
August 2017, Vol.3 no.8	Institute of Geography, Faculty of Science, Pavol Jozef Šafárik University in Košice, Slovakia
November 2020, Vol.6 no.11	Universitat Oberta de Catalunya (UOC), Spain
January 2021, Vol.7 no.01	gvSIG Uruguay Community, Uruguay



continued from page 1

- National Center for Ecological Analysis and Synthesis as part of webinar series on Advancing Ecology and Environmental Data Science for a More Just and Equitable Future organizes a seminar on '[Indigenous Data Sovereignty: How Scientists and Researchers can Empower Data Governance](#)'.

Details

at <https://www.nceas.ucsb.edu/equity-justice-seminar>

- On April 22nd Terra GIS is offering a half-day workshop as part of the GIS in Action (virtual) Conference 2021 (<https://www.orurisa.org/GISinAction>). More information about the workshop and how to register available here: <http://www.terragis.net/2021/03/12/remote-sensing-with-free-and-open-source-software-foss-land-cover-analysis-live-online-workshop/>

## 6. Courses

- EGU Short course: Using Copernicus Marine Data: Satellite data for ocean applications  
Start date: April 19  
End date: April 30  
Region: Europe  
Targeted audience: Academia – students, early career scientists, trainers, lectures, senior academics  
Organizer: Copernicus  
Language: English  
Contact email: [Copernicus.training@eumetsat.int](mailto:Copernicus.training@eumetsat.int)  
Contact Name: Oliver Clements
- Copernicus Marine Data Stream for Operational Services – Ocean Applications

Start date: April 19

End date: May 7

Region: Europe

Organizer: Copernicus

Language: English

Contact email: [Copernicus.training@eumetsat.int](mailto:Copernicus.training@eumetsat.int)

Contact name: Lauren Biermann

- Communication of Climate Change

Start date: May, 4

End date: May, 6

Region: Americas

Organizer: WMO Regional Training Center in Spain / AEMET

Language: Spanish

Contact email: [Francisco Garcia fgarciaq@aemet.es](mailto:Francisco_Garcia_fgarciaq@aemet.es)

- The International Distance Training Course on The Basic Principles of Satellite Remote-sensing

Start date: May, 24

End date: June, 4

Region: Africa, Americas, Asia & Oceania, Europe

Organizer: CMATC/ RTC-Beijing

Language: English

Contact email: Ms. DENG Jingmian [applycmatc@cma.gov.cn](mailto:applycmatc@cma.gov.cn)

- User workshop and training on existing and new generation earth observation based products for wildfire monitoring and forecast

Start date: May, 25

End date: May, 27

Region: Europe

Organizer: Copernicus

Language: English

Contact email: Federico Fierli [Federico.Fierli@eumetsat.int](mailto:Federico.Fierli@eumetsat.int)



## 7. Training programs

- GeoForAll educational materials have been transferred to our new web site. [GeoForAll educational inventory system, a place to search and share educational materials](#)
- **Calling all Masters' students, PhD students, post-doctoral and early career researchers in the field of GI Science**

This year there is a FREE on-line pre-GISRUK2021 conference Early Career Researcher Workshop on **Tuesday 13th April 2021**

GISRUK will feature a selection of ECR (Early Career Researcher) sessions. These will be a great opportunity for Masters' and PhD students to get to know each other before start of the conference, and will have sessions on 'What is an (academic) conference?', Careers (academic and non academic) in GI Science and Research (including grant writing and interdisciplinary collaboration). There will also be a session a couple of weeks before the main conference, dedicated to presenting online, to help develop the presentations before the conference itself. All Masters' and PhD students are welcome, as are early career post-docs and researchers. There will also be a separate session (GISRUK for the uninitiated) for those who are new to the GISRUK conference series and would like to learn a bit more about it.

All participants for the ECR workshop are invited to register for FREE using the following link: <https://www.eventbrite.co.uk/e/gisruk2021-early-career-researcher-workshop-tickets-143585340619> or by visiting the conference website: <http://cardiff.gisruk.org>

Registration remains open until **Friday 9th April 2021**

- Paulo Raposo (Assistant Professor of Geovisualization, GIP Department, Faculty ITC, University of Twente) has shared a new tutorial about Basic LiDAR Data Handling using PDAL, available here: [https://paulojraposo.github.io/pages/PDAL\\_tutorial.html](https://paulojraposo.github.io/pages/PDAL_tutorial.html)

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

- GeoFocus Editorial Team informs us that number 26 of **GeoFocus, International Review of Geographical Information Science and Technology**, has been published and is **open access**. It is available at: <http://www.geofocus.org/index.php/geofocus/issue/view/29>
- The CEOS Earth observation handbook Special 2018 Edition for free: [Satellite Earth Observations in Support of the Sustainable Development Goals](#).



## 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](mailto:labrinos@eled.auth.gr)).

3DEP: 3-D Elevation Program

AAG: Association of American Geographers

AGI: Ambient Geographic Information

AGS: American Geographical Society

AGU: American Geophysical Union

AI: Artificial Intelligence

AM/FM: Automated Mapping/Facilities Management

API: Application Programming Interface

ASPRS: American Society for Photogrammetry and Remote Sensing



AURIN: Australian Urban Research Infrastructure Network

BBSRC: Biotechnology and Biological Sciences Research Council

BDS: BeiDou Navigation Satellite Demonstration System

BIM: Building Information Modelling

CAADP: Comprehensive African Agricultural Development Programme

CAD: Computer Aided Design

CaGIS: Cartography and Geographic Information Society

CCGI: Collaboratively Contributed Geographic Information

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

CRC: Census Research Centre

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

GEO: Group on Earth Observations

GEO: Geosynchronous Earth Orbits

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

GRACE: Gravity Recovery and Climate Experiment (satellite program)

GRASPGfs: Geospatial Resource for Agricultural Species and Pests and Pathogens with workflow integrated modeling to support Global Food Security

GSoC: Google Summer of Code

HLPF: High Level Political Forum (of UN)

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

ISRO: Indian Space Research Organization



JAXA: Japan Aerospace Exploration Agency	RUFORUM: Regional Universities Forum for capacity building in agriculture
KML: Keyhole Markup Language	SaaS: Software as a Service
LBS: Location-Based Service	SAR: Synthetic Aperture Radar
LEO: Low Earth Orbits	SDG: Sustainable Development Goal
LiDAR: Light Detection and Ranging	SDI: Spatial Data Infrastructure
LOC: Local Organizing Committee	SIG: Geographic Information System
LOD: Level Of Detail	SIGTE: The GIS and Remote Sensing Service of the University of Girona, Spain
MEO: Medium Earth Orbits	SPIDER: open SPatial data Infrastructure eDucation nEtwoRk
MIL: Media and Information Literacy	SQL: Structured Query Language
MoU: Memorandum of Understanding	STISA 2024: Science Technology Innovation Strategy for Africa
MSS: Multispectral Scanner	STSM: Short Term Scientific Missions
NAD: North American Datum	SWIR: Short Wave Infrared
NCSA: National Center for Supercomputing Applications	TIN: Triangulated Irregular Network
NED: National Elevation Dataset	UAV: Unmanned Aerial Vehicle
NEPAD: NEw Partnership for African Development	UML: Unified Modeling Language
NGA: National Geospatial Intelligence Agency	UN-GGIM: United Nations Global Geospatial Information Management
NHD: National Hydrologic Dataset	USGS: U.S. Geological Survey
NLCD: National Land Cover Dataset	USGIF: United States Geospatial Intelligence Foundation
NRSA: Indian National Remote Sensing Agency	VGI: Volunteered Geographic Information
NSDI: National Spatial Data Infrastructure	VNIR: Visible Near Infrared
NSF: National Science Foundation	XSEDE: Extreme Science and Engineering Discovery Environment
OECD: Organisation for Economic Co-Operation and Development	WCS: Web Coverage Service
OER: Open Educational Resources	WFS: Web Feature Service
OGC: Open Geospatial Consortium	WGCapD: Working Group on Capacity Building and Data Democracy
OHI: International Hydrographic Office	WGS: World Geodetic System
OSGeo: Open Source Geospatial Foundation	WISERD: Wales Institute of Social & Economic Research, Data & Methods
OSM: OpenStreetMap	WMO: World Meteorological Organization
OTB: Orfeo Tool Box	WMS: Web Map Service
PPGIS: Public Participation in Geographic Information Systems	WMTS: Web Map Tiles Services
PPSR: Public Participation in Scientific Research	WOIS: Water Observation Information System
RBV: Return Beam Vidicon	WPS: Web Processing Service
RCMRD: Regional Centre for Mapping of Resources for Development	
RDA: Research Data Alliance	
ROSCOSMOS: Russian Federal Space Agency	
ROSHYDROMET: Russian Federal Service for Hydrometeorology and Environmental Monitoring	





## 17. Ideas / Information

1. If you are interested in educational material, then go to <https://www.osgeo.org/initiatives/geo-for-all/in-your-classroom/> where you can find software resources for your classroom. Also, go to “Resources” <https://www.osgeo.org/resources/> to get a guidance on how to use open source projects and tools.

2. The NASA Earthdata data discovery and data access webinars span the Earth science disciplines and are designed to help users learn about NASA EOSDIS data, services and tools and show users how to work with these data resources. You can listen to the last webinar titled: Sentinel-1 On-Demand RTC Processing: Generating Analysis-Ready SAR Data with ASF Vertex. The webinar took place in February 24, 2021. You need Adobe Connect to get connected. You can download and install the app from <https://www.adobe.com/go/ConnectShell11>

3. From Suchith Anand: In celebration of International Women's Day 2021 and Open Data Day 2021, Global Open Data in Agriculture and Nutrition (GODAN) and Unique Mappers Team (one of the key GeoForAll labs in Africa) are teaming up to bring you an event bringing together these two topics and exploring gender equality in data technologies in West Africa.

Despite women making up around 50% of the agricultural workforce in the ACP region, the gender gap in relation to access to information and communication technologies (ICTs) continues to grow, making it particularly difficult for women to access important information, financial products, and markets.

The digital transformation of the agricultural sector, through the proliferation of digital technologies, tools, and services, has only served to exacerbate preexisting inequalities. While challenges such as access to education, access to financial services, connectivity, availability of electricity, and cost of essential services only serve to widen the gender data gap.

Global Open Data for Agriculture and Nutrition (GODAN) has been strongly supporting capacity development for women smallholder farmers worldwide. In 2020, GODAN organised a webinar with speakers from GODAN, LandPortal Foundation and UniqueMappersTeam to share ideas on Empowering Women for Open Data Mapping in Agriculture: Implications for Land Rights and the SDGs in Africa.

Details at <https://landportal.org/blog-post/2020/05/empowering-women-open-data-mapping-agriculture-implications-land-rights-and-sdgs>

<https://www.godan.info/news/godan-webinar-empowering-women-open-data-mapping-agriculture-implications-land-rights>

The work that UniqueMappersTeam are doing for SDG2 and women smallholder farmers land rights is very important for Zero Hunger and SDG aims. UniqueMappersTeam have contributed to the “GeoForAll contributions to the United Nations Sustainable Development Goals” aims <https://www.osgeo.org/foundation-news/geoforall-miniconference-at-world-commons-week-2019/>

Empowerment of women would not only empower individuals, increasing their earnings; but would also serve to empower families and entire farming communities, and partnership is a key factor to effectuating that change.

4. The recordings of Public Health England Regional Teams Food Insecurity webinar on 11th March 2021 are available at <https://www.yhphnetwork.co.uk/links-and-resources/healthier-resilient-food-systems/webinar-phe-regional-teams-food-insecurity-11-march-21/>

You can also see link to previous webinars at <https://www.yhphnetwork.co.uk/links-and-resources/healthier-resilient-food-systems/>



5. From Zhe (Sarina) Zhang: Computational Urban Science journal welcomes original papers related to big data and urban studies! Computational Urban Science publishes rigorously peer-reviewed and high-quality original articles and reviews that focus on the intersection of computational sciences and urban sciences in building intelligent and resilient cities. The journal aims to introduce the latest results in urban computing and its applications, examine both the spatial and social dimensions of urban networks and built environment, promote the cooperation between computational disciplines and the urban domain sciences, and build a bridge for scientific communication. This journal will focus on the development of research frameworks, theories, methods, and good case studies of tackling key urban research challenges in the mobile and big data era. Sample topics include but not limited to:

1. Agent-based models of social interactions
  2. Data sharing and dissemination in urban computing research
  3. Large-scale Social activities in physical and virtual spaces
  4. Multi-scale urban modeling
  5. Privacy issues in mobile and big data and possible solutions
  6. Space-time data models for urban computing
  7. Spatiotemporal social network analysis
  8. Trajectory data mining, analysis, and visualization
  9. Visualization and computation of big health data
- Provides a unique focus on the intersection of computational science and urban science
  - Delivers a fast review for authors, with a first decision on average within 4 weeks
  - Disseminates content globally through journal website and social media platforms
  - APC fully covered/sponsored by Jiangxi Normal University

Website: <https://www.springer.com/journal/43762>

6. University of Illinois at Urbana-Champaign, USA, has recently launched a new online [Graduate Certificate in CyberGIS and Geospatial Data Science](#). More details at: <https://online.illinois.edu/articles/online-learning/item/2021/03/12/new-professional-certificate-program-teaches-cutting-edge-cybergis-and-geospatial-data-science>
7. Job Opportunity: “Expertise Development Coordinator in Big Geospatial Data Science”, University of Twente, The Netherlands. Visit [University of Twente website](#) and the [website of the Center of Expertise in Big Geodata Science](#). Submit your application before 15 April 2021. Find the application form at <https://www.utwente.nl/en/organisation/careers/!/2021-278>
8. Egypt launches 1st regional centre for sustainable finance to complete Knowledge Hub. The centre, the first of its kind for sustainable finance in the Middle East and Africa (MEA) region, is a step towards strengthening the Egyptian economy’s presence on the global green economy map. More details at <https://dailynewsegypt.com/2021/03/14/egypt-launches-1st-regional-centre-for-sustainable-finance-to-complete-knowledge-hub/>

