### 4. Conferences

#### SOUTH AMERICA

**September – October 2021**

1. **27 Sept – 02 Oct.:** [FOSS4G](https://www.gislounge.com/free-ways-to-learn-qgis/)  
   Venue: The Buenos Aires Convention Center (CEC) and the UBA Law School of the University of Buenos Aires, Buenos Aires, Argentina.

#### NORTH AMERICA

**December 2021**

   Venue: Online  
   Organizer: National Council for Geographic Education

### 5. Webinars

# Editorial Board

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

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<th>Name</th>
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<tr>
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<td>Design and final formation of the newsletter</td>
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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
  - Website: http://wiki.osgeo.org/wiki/GeoForAll_TeacherTraining_SchoolEducation

- CitizenScience
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  - Website: http://wiki.osgeo.org/wiki/Geocrowdsourcing_CitizenScience_FOSS4G

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  - Website: http://wiki.osgeo.org/wiki/Agrigis
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<td>Faculty of Civil Engineering, Department of Geomatics, Czech Technical University in Prague, Czech Republic</td>
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<td>Department of Civil, Environmental and Mechanical Engineering of the University of Trento, Italy</td>
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<td>Universitat Oberta de Catalunya (UOC), Spain</td>
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<td>January 2021, Vol.7 no.01</td>
<td>gvSIG Uruguay Community, Uruguay</td>
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October 7: ISPRS WG IV/4 titled "Machine Learning and Citizen Science - TC IV State-of-the-art in Spatial Information Science (WG IV)"

Registration at https://us02web.zoom.us/webinar/register/WN_gC_7viQWRHGZ83O5gwQkXw

6. Courses

- Gap Filling Ocean Data (statistical and machine learning methods)
  Start date: Oct. 19, 2021
  End date: Oct. 19, 2021
  Host: Online
  Organizer: EUMETSAT
  Language: English
  Contact name: Hayley Evers-King
  Contact email: Hayley.EversKing@eumetsat.int

- South-Eastern Europe Meteorological Training Course (SEEMET)
  Start date: Oct. 26, 2021
  End date: Oct. 29, 2021
  Region: Europe
  Host: OMSZ, Hungary
  Organizer: EUMETSAT & NMS
  Language: English
  Contact email: training@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

11. Free books, educational materials, etc.

- Visit the YouTube QGIS channel at https://www.youtube.com/channel/UCGS162t4hkOA0b35ucf1yng/videos to get videos of QGIS applications, representations and ideas.

- FOSS4G is the international edition of the Free and Open Source Software for Geospatial conference (FOSS4G) of the Open Source Geospatial Foundation. The annual FOSS4G conference is the largest global gathering for geospatial software. The full academic proceedings and individual papers from the FOSS4G Global conferences (Starting from Nottingham FOSS4G) are available at https://scholarworks.umass.edu/foss4g/. Recordings from FOSS4G presentations are also made available thanks to German National Library of Science and Technology at https://av.tib.eu/publisher/FOSS4G
12. 

Acronyms

by Nikos Lambrinos, Chief Editor, and Michael Finn.

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

3DEP: 3-D Elevation Program
AAG: Association of American Geographers
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
CSSTEAP: Center for Space Science & Technology Education in Asia and the Pacific
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
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
GDAL: Geospatial Data Abstraction Library
GEO: Group on Earth Observations
GEO: Geosynchronous Earth Orbits
GloFAS: Global Flood Awareness System
GNSS: Global Navigational Satellite System

October 2021

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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
KML: Keyhole Markup Language
LBS: Location-Based Service
LEO: Low Earth Orbits
LiDAR: Light Detection and Ranging
LOC: Local Organizing Committee
LOD: Level Of Detail
MEO: Medium Earth Orbits
MIL: Media and Information Literacy
MoU: Memorandum of Understanding
MSS: Multispectral Scanner
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
NOOSA: United Nations Office for Outer Space Affairs
NRSA: Indian National Remote Sensing Agency
NSDI: National Spatial Data Infrastructure
NSF: National Science Foundation
OECD: Organisation for Economic Co-Operation and Development
OER: Open Educational Resources
OGC: Open Geospatial Consortium
OHI: International Hydrographic Office
OSGeo: Open Source Geospatial Foundation
OTB: Orfeo Tool Box
PPGIS: Public Participation in Geographic Information Systems
PPSR: Public Participation in Scientific Research
RBV: Return Beam Vidicon
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
RUFORUM: Regional Universities Forum for capacity building in agriculture
SaaS: Software as a Service
SAR: Synthetic Aperture Radar
SDG: Sustainable Development Goal
SDI: Spatial Data Infrastructure
SIG: Geographic Information System
SIGTE: The GIS and Remote Sensing Service of the University of Girona, Spain
SPIDER: open SPatial data Infrastructure eDucation nEtwoRk
SQL: Structured Query Language
STISA 2024: Science Technology Innovation Strategy for Africa
STSM: Short Term Scientific Missions
SWIR: Short Wave Infrared
TIN: Triangulated Irregular Network
UAV: Unmanned Aerial Vehicle
UML: Unified Modeling Language
UN-GGIM: United Nations Global Geospatial Information Management
USGS: U.S. Geological Survey
USGIF: United States Geospatial Intelligence Foundation
VGI: Volunteered Geographic Information
VNIR: Visible Near Infrared
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

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. FOSS4G-IT 2021 (the Italian FOSS4G online conference), at https://foss4g-it2021.gfoss.it you can find the slides of all presentations when they will be ready for publication.

3. From Maria Antonia Brovelli, (maria.brovelli@polimi.it, Professor of GIS and Digital Mapping, Politecnico di Milano)

We are happy to announce the new Special Issue “Open Source Geospatial Science, Software and Education” of Transaction in GIS [https://onlinelibrary.wiley.com/journal/14679671].

Please consider submitting to the Special Issue original research contributions on all aspects of open source geospatial science, software and education as well as its applications.

Important Dates

Abstracts Due: 30/11/2021 (by email to: a.mobasheri@uni-heidelberg.de with c’ing amin.mobasheri@gmail.com)

Approved Abstracts: 10/01/2022 (put as planned papers online)

Manuscripts Due: 30/06/2022

Decision to Authors: 31/08/2022

Final Papers Due: 31/12/2022