4. Conferences

NORTH AMERICA

April 2022

1. 1-3 April: State of the Map US 2022
   Venue: University of Arizona, Tucson, Arizona, USA
   Organizer: OpenStreetMap US

2. 23-25 May: 16th International Congress of the Greek Geological Society
   Venue: University of Patras, Patras, Greece

SOUTH AMERICA

May 2022

3. 19-21 May: Landscape and Cartography
   Venue: Department of Landscaping and Public Space of the Faculty of Architecture, Design and Urbanism of the University of the Republic, Fray Bentos Río Negro Uruguay

EUROPE

April 2022

4. 11-13 April: GA Annual Conference and Exhibition 2022
   Venue: University of Surrey in Guildford, UK

May 2022

5. 5-7 May: EUROGEO Annual Conference “Re-Visioning geography for sustainability in the post-CVID era”
   Venue: University of the Aegean, University Hill, Mytilene, Lesvos Island, Greece
   Organizer: EUROGEO

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# Editorial Board

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

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<tr>
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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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<td>the Laboratory of socio-geographical research of the University of Siena, ITALY</td>
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<td>January 2021, Vol.7 no.01</td>
<td>gvSIG Uruguay Community, Uruguay</td>
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7. 23-27 May: Living Planet
Venue: Bonn, Germany (may be online – to be decided)

June 2022
8. 8-9 June: Jornadas de SIG Libre (Free SIG Days).
Venue: Girona, Spain
Organizer: University of Girona

July 2022
9. 5-8 July: GISalzburg22. Designing future with Geoinformatics
Venue: Salzburg, Austria
Venue: Rennes, France
Venue: Sorbonne, Institut de Géographie, Société de Géographie.

August 2022
12. 22-28 August: FOSS4G 2022 International Conference
Venue: Firenze (Florence), Italy
13. 30 August – 2 September: RGS-IBG Annual International Conference
Venue: Newcastle University, UK

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

6. Courses

- International Distance Training Course on the Basic Principles of Satellite Remote-Sensing
  Start date: April 18
  End date: April 29
  Host: China Meteorological Administration Training Centre (RTC-Beijing)
  Organizer: China Meteorological Administration Training Centre (RTC-Beijing)
  Format/Training Type: Online Course
  Language: English
  Contact Name: DENG Jingmian
  Contact Email: appllycmatc@cma.gov.cn
  Fees: No
  Link: https://forms.office.com/r/UUL21TQw2k

- ESA Living Planet Symposium 2022
  Start Date: May 23 2022
  End Date: May 27 2022
  City: Bonn, Germany
  Host: ESA, DLR
  Organizer: ESA, DLR
  Format/Training Type: Conference
  Language: English
  Application Deadline: May 22, 2022
  Contact Name: Amalia Castro
  Contact Email: amalia.castro.gomez@esa.int
  Fees: Fee For Students: 25 Eur. Fee For Regular Participants: 75 Eur
  Link: https://lps22.esa.int/frontend/index.php?folder_id=4254&page_id=

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
8. Key Research Publications


11. Free books, educational materials, etc.

- Visit the YouTube QGIS channel at https://www.youtube.com/channel/UCGS162t4hkOA0b35ucf1yg/videos to get videos of QGIS applications, representations and ideas.

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).

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
EOSSiS: 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
GDAL: Geospatial Data Abstraction Library
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
ICSIU-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
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/](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/](https://www.osgeo.org/resources/) to get a guidance on how to use open source projects and tools.

2. **Open-Source Science in the Cloud Collaboration**

   NASA and the European Space Agency (ESA) released a new open source and science tool called the Multi-Mission Algorithm and Analysis Platform (MAAP). Combining NASA and ESA, these two agencies lead the world in providing satellite and...
remote sensing data for understanding the Earth’s environment.

3. Call for article submission

The International Journal for Participatory Mapping (IJPM) Editorial Board (journal@pmappingsociety.org) has identified special themes for the first four issues which will cover the first two years of the publication. Papers can be submitted for peer review anytime before the deadlines outlined in the theme calls. You need to indicate your intent to submit a paper by email to the guest editor of a special issue with the title of the paper, authors, and abstract. The full manuscript, as a word document, will be uploaded to IJPM Dashboard.

Issue 1 - Unravelling the history, theory, scope, and politics of participatory mapping (submit by June 1st, 2022)

Issue 2 - Methods and Practice of Participatory Mapping (submit by December 1st, 2022)

Issue 3 - Indigenous and Rural Community Mapping (submit by April 2023)

Issue 4 - The Impact of Participatory Mapping on Urban Planning and Development (submit by August 2023)

If you’re unsure if your topic fits within the scope of the journal, please email journal@pmappingsociety.org.

4. From Sergio Acosta y Lara (sergio.acostaylara@mtop.gub.uy) GeoForAll Iberoamérica Coordinator, Uruguay

“I am pleased to contact you to announce the Call for Applications to the fourth edition of the "Prize Pedro Vicente Maldonado" for the outstanding PhD dissertation in Cartography, Geodesy, and/or Geographic Information organized by the Pan American Institute of Geography and History (PAIGH). The call will open 1st May 2022 and will close 31st May 2022. In a few words, PhD level students graduated between 1st-January 2016 and 31st, December 2021 can apply. In addition, they should satisfy one of two conditions: a) be a citizen of any PAIGH member state, irrespective of the granting university or b) have a degree granted by an accredited university in any PAIGH member state, irrespective of the student’s citizenship. The candidates must write a scientific paper summarizing their work, a fact that justifies an early announcement.

The announcement can be downloaded from https://comisiones.ipgh.org/CARTOGRAFIA/Premio/Tesis_PhD_2022/Poster_Premio_Cartografia_PhD_2022_EN.pdf

Updates will be available soon at https://comisiones.ipgh.org/CARTOGRAFIA/PremioPhD_EN.html

To date, member states of PAIGH are Argentina, Belice, Bolivia, Brasil, Chile, Colombia, Costa Rica, Ecuador, United States of America, Guatemala, Haiti, Honduras, México, Nicaragua, Panamá, Paraguay, Perú, Dominican Republic, Uruguay, and Venezuela. I am looking forward to your inquiries. Best regards from Montevideo, Uruguay

CARLOS LÓPEZ-VÁZQUEZ
Head of the Academic Liaison Committee
Cartography Commission
Pan American Institute of Geography and History”

5. Hydrography90m: a new hydrographic network that accurately delineates streams and rivers, along with their topographic and topological properties.

Go to https://essd.copernicus.org/preprints/essd-2022-9/ to read more about it and get the link to the hydrographic network. First of all, go to Readme.pdf to locate the region you are interested in before you download the gpkg file.

6. The calls for applications to the FOSS4G 2022 Travel Grant Program and Volunteer are officially OPEN! More information on the requirements and criteria could be found on the dedicate page on the web site.