Volume 11, No. 5 May 2025

GeoForAll

Monthly Newsletter

Be part of "Geo for All"

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4. Conferences

Europe

June 2025

1. 4-5: GEO Business 2025

Venue: ExCeL London, United Kingdom

Oceania

October 2025

2. 13-16: International Data Week's SciDataCon 2025

Venue: Brisbane, Australia

North America

May 2025

3. 20-22: 2025 Indiana GIS Conference

Venue: Crowne Plaza at Union Station, Indianapolis, Indiana, USA

June 2025

4. 16-19: Hexagon LIVE 2025

Venue: Las Vegas, USA

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/

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
- Copernicus MOOC

  Ongoing MOOCs in English.

  The course addresses three key topics
  - Chapter 1 – Understanding Copernicus data and services – what they are, and how they can be accessed and used

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Editorial Board

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

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	Paulo César Coronado Sánchez, Professor of computer sciences at Universidad Distrital Francisco José de Caldas, Head of GISEPROI and OSGeoLabUD research Group. Bogotá, Colombia paulocoronado@gmail.com	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

➢ Website: 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

- **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

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.

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

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

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 ProcessingUniversity of Twente
March 2028, 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 Colarado 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, Bangkog, 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

- Chapter 2 – Learning from success stories – understanding how existing Copernicus-enabled services and applications have been developed and deployed
- Chapter 3 – Doing it yourself – acquiring the key skills and knowledge to develop and deploy Copernicus-enabled products and services and to navigate the Copernicus ecosystem.

- In view of enhancing computation skills in the geographic domain, Spatial Ecology is organising:
  A Fall 2025 training Course: Geocomputation and Machine Learning for Environmental Applications (intermediate level).
  The course will be offered online with a supplementary 5-day in-person segment at the University of Basilicata, in the magnificent town of Matera, Italy. This is a wonderful opportunity for PhD students, Post-Docs and professionals to acquire advanced computational skills with a Linux computer.
  Geocomputation and Machine Learning for Environmental Applications (intermediate level; September, October, November, 2025)
  https://spatial-ecology.net/course-geocomputation-machine-learning-for-environmental-applications-intermediate-level-2025/
  In this course, students will be introduced to an array of powerful open-source geocomputation tools and machine learning methodologies in the Linux environment. Students who have never been exposed to programming in Linux will acquire confidence in using advanced open source data processing routines. Those with a programming background will find the course beneficial in improving their programming and modelling skills. We aim to equip attendees with powerful programming tools, as well as hone their abilities for independent development. This will be valuable not only for GIS related applications but also for general data processing and applied statistical computing in a number of fields. We strive to provide the best grounding for career development as a geographic data scientist.
  More information and registration: www.spatial-ecology.net
  (Apply before 30 of May 2025 for an early bird discount)

On-line teaching: September to November 2025 (8 weeks)

- ✓ Lectures: Starting 16 September until 09 October, every Tuesday & Thursday 11:00 – 14:45 UTC (CEST 13:00, EDT 07:00, PDT 08:00)
- ✓ Catch-up session: Tuesday 14 October at 11:00 – 14:45 UTC (CEST 13:00, EDT 07:00, PDT 08:00)
- ✓ Catch-up session: Thursday 16 October at 11:00 – 14:45 UTC (CEST 13:00, EDT 07:00, PDT 08:00)
- ✓ Lectures resume: 21 October until 13 November, every Tuesday & Thursday 11:00 – 14:45 UTC (21 & 23 Oct CEST 13:00, EDT 07:00, PDT 08:00; thereafter check your time zone due to the end-summer time change)*

* See full day-time list at "preliminary course programme". All classes will be recorded.

5-day in-person workshop in Matera, Italy

- ✓ 24 – 28 November, coding hackathon (Highly recommended).

For course reviews from last year's course, please click here for 2023 and here for 2024.

Info

- ✓ Registration (for the on-line course *and* on-site workshop in Matera)
- ✓ Directions – Accommodation (for the on-site in Matera)

Giuseppe Amatulli (Director of the Spatial Economy Team) & the Spatial Ecology Team

SPATIAL ECOLOGY

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.

12. Article

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

AOSP: African Open Space Platform

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: Cartograhy and Geographic Information Society

CCGI: Collaboratively Contributed Geographic Information

CEGIS: Center of Excellence for Geospatial Information Science

CEOS: Committee on Earth Observation Satellites

CHIRPS - Climate Hazards Group InfraRed Precipitation with Station data

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

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

FDO: FAIR (Find, Access, Interoperate, and Reuse) Digital Objects

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

ICIMOD – International Centre for Integrated Mountain Development

ICSU-WDS: International Council for Science – World Data System

IDE: Spatial Data Infrastructure

IFAD – International Fund for Agricultural Development

INSPIRE: Infrastructure for Spatial Information in Europe

IPCC – Intergovernmental Panel on Climate Change

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

NARSS: National Authority for Remote Sensing and Space Sciences of Egypt

NCSA: National Center for Supercomputing Applications

NDVI - Normalized Difference Vegetation Index

NDWI - Normalized Difference Water Index

NED: National Elevation Dataset

NEPAD: NEw Partnership for African Development

NGA: National Geospatial Intelligence Agency

NHD: National Hydrologic Dataset

NIR - Near-Infrared

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

OSM: OpenStreetMap

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 Hydrometeorologyand Enviromental 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

13. Scholarships for students and staff

University of Exeter, UK, is happy to announce the launch of their new Exeter Excellence Scholarships!

They are offering a groundbreaking initiative of over £5 million in funding to outstanding students worldwide. Designed to foster a global academic community, these scholarships reflect an unwavering commitment to nurturing talent, diversity, and innovation.

The scholarships include:

• Undergraduate Awards of up to £5,000 for high-achieving students.

• Postgraduate Masters Awards of up to £10,000 for eligible master's applicants.

• Subjects Scholarships are available across a wide range of disciplines, including Sciences, Engineering, Business, Humanities, International Studies, and emerging fields like Computer and Data Science.

Beyond academic excellence, the Exeter Excellence Scholarships are designed to break down barriers. Recognising the financial and logistical challenges faced by international students, these scholarships reaffirm their mission to make world-class education accessible to talented individuals from all backgrounds.

These awards recognise outstanding academic achievement and support students from around the

world to take their place in their vibrant, global University community. Details at https://www.exeter.ac.uk/study/funding/international/

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. By Sergio Acosta y Lara, Departamento de Cartografía Digital Dirección Nacional de Topografía, Ministerio de Transporte y Obras Públicas, URUGUAY

CARLOS LÓPEZ-VÁZQUEZ, Head of the Academic Liaison Committee Cartography Commission, Pan American Institute of Geography and History is pleased to announce the Call for Applications to the eleventh edition of the "Prize for the Outstanding Master's thesis in Cartography, Geodesy and/or Geographic Information" organized by the Pan American Institute of Geography and History (PAIGH).

The call will open 1st June 2025 and will close 30th June 2025. In a few words, Master's level students graduated between 1st January 2020 and 31st December 2024 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 justify an early announcement well before June.

The announcement can be downloaded from https://comisiones.ipgh.org/CARTOGRAFIA/Premio/Tesis_MSc_2025/Poster_Premio_Cartografia_MSc_2025_EN.pdf

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

To date, member states of PAIGH are Argentina, Belice, Bolivia, Brasil, Chile, Colombia, Costa Rica, Ecuador, El Salvador, United States of America, Guatemala, Haití, Honduras, México, Nicaragua, Panamá, Paraguay, Perú, Dominican Republic, Uruguay and Venezuela.

3. By Maria Antonia Brovelli, Professor, Head GEOLab, Politechnico di Milano, Italy.

Unlock the Future of Climate Adaptation with CADEO's Cutting-Edge Geospatial Courses CADEO Courses: Pioneering the Future of European Education in Vietnam

In a world struggling with the escalating impacts of climate change, geospatial technologies are emerging as vital tools to understand, adapt to, and mitigate these challenges. The CADEO project—Climate Change Adaptation through Geospatial Technologies—is leading the charge by offering four innovative courses designed to empower students and professionals with the skills needed for a sustainable tomorrow. Hosted on https://cadeo-eu.edu.vn/, these programs blend cutting-edge theory with practical applications, making them a gateway to impactful careers in geospatial science.

Explore the Four CADEO Courses

- **Geospatial Intelligence (10 ECTS):** Dive into the realm of artificial intelligence and machine learning, mastering techniques like neural networks and deep learning. This course equips you to analyze geospatial data for critical tasks such as land cover classification and hazard prediction, with hands-on training using QGIS and Python to tackle real-world challenges like landslide mapping.
- **Geospatial Web Applications:** Step into the digital age by learning to create interactive, web-based mapping tools. Using open-source platforms like GeoServer and MapServer, you'll explore spatial data management with PostgreSQL and PostGIS,

preparing you to develop applications for urban planning, hazard mapping, and more.

- **Digital Twins Earth:** Discover the transformative power of digital twins—virtual replicas of physical environments. Through practical examples from Europe and Vietnam, this course teaches you to leverage these models for environmental analysis and decision-making, offering skills vital for climate adaptation strategies.
- **Earth Observation:** Unlock the potential of remote sensing and big data analysis. Focusing on the European Copernicus Programme, you'll learn to interpret satellite, UAV, and sensor data using AI, integrating diverse datasets to gain comprehensive insights into climate and environmental phenomena.

Why Choose CADEO?

These courses, developed in partnership with renowned institutions like Politecnico di Milano and Lund University, combine global expertise with hands-on learning. Students gain proficiency with industry-standard tools, ensuring they're job-ready upon completion. A recent graduate raves, "CADEO's practical approach and expert guidance have transformed my understanding of geospatial technologies."

Join the Movement

Stay tuned for exciting events like the courses offered at Phenikaa University, Hanoi, enhancing teaching methods for these courses. Ready to shape a sustainable future?

Explore the future of education with CADEO. Visit https://cadeo-eu.edu.vn/ today and discover the course that will shape your tomorrow.

4. By Maria Antonia Brovelli, Professor, Head GEOLab, Politechnico di Milano, Italy.

EUthMappers is the ERASMUS+ project enhancing STEM education (Science, Technology, Engineering, Mathematics) via the environmental civic engagement of pupils by introducing open and collaborative mapping in Secondary Schools across the EU. Last year, five schools within the project built up their own mapping projects and accomplished them with the pupils' participation. The project summary presented by the students can be found here. This year marks the fourth phase of the project, in which there are sets of activities in the introduction of humanitarian mapping (HM) with engaged organizations namely UNMappers and framework as Sustainable Development Goals(SDGs), training mapping using OpenStreetMap Sandbox and in the next few months, the pupils are going to participate the actual humanitarian mapping project organized by UNMappers. On the official YouTube channel of EUthMappers, have uploaded all trainings and work plans for this year's activities.

Further information on the projects and partners can be found on:

Project website: https://euthmappers.com/about/

Social media channels:
https://www.linkedin.com/company/euthmappers/,
https://www.facebook.com/profile.php?id=100089986542311,
https://www.instagram.com/euthmappers,
https://www.youtube.com/@EUthmappers,
https://x.com/EUthMappers.

5. By Maria Antonia Brovelli, Professor, Head GEOLab, Politechnico di Milano, Italy.

Copernicus4schools is the project inspiring pupils and teachers to use and better understand the Copernicus program and the possibilities of Earth Observation. Taking an important role in distributing knowledge of satellite imageries for crisis response at the secondary school level, GIS-GEOLab at Politecnico di Milano has released documentation for foundational insight in this field. In this document, learners and teachers are guided through a total of eight sections with eight obliging themes, including basic information about the Geographic Information System (GIS), tools for GIS analysis, getting data from the Copernicus EMS platform, understanding after and before imagery of the Sentinel 2, obtaining data of land cover data and human settlement from proper portals and estimating the area and population affected by flooding. Further information can be found here: https://cop4schools.readthedocs.io/en/latest/