

PROGRAM

Tuesday 9th October (Aula Magna)

12:00 – 13:00 Registration and light lunch

13:00 – 13:30 OGRS Symposium opening session and collective paper

13:30 – 14:00 Key Note: Open Science: why it matters

(Luc Henry, EPFL scientific Advisor)

14:00 – 15:45 Open Data session

Fostering Open Science at WSL with the EnviDat Environmental Data Portal

(Ionuț Iosifescu Enescu, Marielle Fraefel Kocher, Gian-Kasper Plattner, Lucia Espona Pernas, Dominik Haas-Artho, Michael Lehning and Konrad Steffen)

Is OpenStreetMap suitable for urban climate studies? *Erwan Bocher, Petit*

Gwendall, Palominos Sylvain, Le Saux Elisabeth, Lao Jonathan and Masson Valery)

Towards a Framework to Assess and Portray Open Geographical Data

Quality (Jonathan Lao and Erwan Bocher)

A procedure to manage open access data for post-processing in GIS

environment (Roberto Marzocchi, Lorenzo Benvenuto, Bianca Federici, Ilaria Ferrando and Domenico Sguerso)

Appropriateness of low cost sensor network for environmental monitoring

in a tropical country: Experience and lessons learnt from real world deployment (Emeshi Warusavitharana, B H Sudantha, Rangajeewa Ratnayake, PKS Mahanama, Sandaru Weerasinghe, Kolitha Warnakulasooriya, Yasas Jayasuriya and Manoj Silva)

Creating an Open Geospatial Kinetic Wall for Science Mediation:

preliminary Results from the GeoWall Project (Serena Cangiano, Massimiliano Cannata, Milan P Antonovic and Marco Lurati)

Leveraging heterogeneous Cultural Heritage data to promote tourism

Marie-Noelle Bessagnet, Patrick Etcheverry, Annig Lacayrelle, Christophe Marquesuzaà, Landy Rajaonarivo, Philippe Roose, André Sales Fonteles, Christian Sallaberry)

15:45 – 16:15 Coffee break

16:15 – 17:45 Open Geoscience session

OSGeo events at EGU General Assemblies: Making Open Science a Reality

(Peter Löwe)

The Joint Image Processing library as an API for a cloud service to process

geospatial data (Pieter Kempeneers and Pierre Soille)

ALBIS: integrated system for risk-based surveillance of invasive mosquito

Aedes albopictus (Milan P Antonovic, Massimiliano Cannata, Damiana Ravasi, Daniele Strigaro, Francesca Mangili, Andrea Danani and Mauro Tonolla)

Influence of the urban morphology on the urban heat island intensity: an

approach based on the Local Climate Zone classification

(Nathalie Long and Thomas Gardes)

The stream power variation in a GIS environment as an index to evaluate

the most 'sensitive' points of a RIVER (Pierluigi de Rosa, Corrado Cencetti and Andrea Fredduzzi)

An example of SAR-derived image segmentation for landslides detection

(Giuseppe Esposito, Alessandro Mondini, Ivan Marchesini, Paola Reichenbach, Paola Salvati and Mauro Rossi)

19:30 – 24:00 OSGeo townhall and social dinner

Wednesday 10th October (Aula Magna, S103, S104)

08:00 – 09:00 Registration

09:00 – 10:30 Workshops part I

Room S103: Using ILWIS software for satellite image processing and the

creation of geoprocessing workflows (Rob Lemmens, Martin Schouwenburg, Bas Retsios, Chris Mannaerts, Diana Chavarro Rincon, Willem Nieuwenhuis, Hans van der Kwast)

Room S104: 4ONSE: build a scientific weather monitoring system based on

open hardware, open software, open standard and open data (Massimiliano Cannata, Milan Antonovic, Daniele Strigaro, Rangajeewa Ratnayake and BH Sudantha)

10:30 – 11:00 Coffee break

11:00 – 12:30 Workshops part II

12:30 – 13:30 Lunch break

13:30 – 14:00 Keynote: Licensing Open Source Software

(Macom Bain, IT Lawyer, ID Law Partners)

14:00 – 15:30 Open Software session

Reproducible Research is like riding a bike

(Carlos Granell, Daniel Nüst, Frank Ostermann and Rusne Sileryte)

A semi-automatic tool to georeference historical landscape images (Nicolas

Blanc, Timothée Produit and Jens Ingensand)

g.citation: Scientific citation for individual GRASS GIS software modules

(Peter Löwe, Vaclav Petras, Markus Neteler and Helena Mitasova)

Remaining gaps in open source software for Big Spatial Data

(Luís Moreira de Sousa)

The utilization of landscape pictures extracted from open picture

collections for the determination of interest in spatial features

(Jens Ingensand, Jean-Christophe Foltête, Cretegny Stéphane, Blanc Nicolas and Composto Sarah)

Ulyxes: an open source project for automation in engineering surveying

(Zoltán Siki, Bence Takács and Csaba Egető)

15:30 – 16:00 Coffee break

16:00 – 16:45 Citizen Science session

Participants' motivations to contribute to biodiversity citizen science

projects (Maryam Lotfian, Jens Ingensand, Olivier Ertz, Sarah Composto, Simon Oulevay, Mathias Oberson, David Campisi and Florent Joerin)

Towards an open 3D participatory citizen debate

(Thibaud Chassin, Jens Ingensand and Florent Joerin)

GeoSQL Journey - A gamified learning experience to introduce (or

demystify) geospatial SQL queries (Olivier Ertz, Composto Sarah, Sandoz Romain and Divorne Sandrine)

16:45 – 18:15 Citizen Science COST action Hackaton

Introduction to COST project & House of Apps

(Rob Lemmens and Vyrion Antoniou)

Citizen Science requirements for mobile application development

(Sven Schade)

Mobile application development - demand and supply in the Copernicus App lab

(Valentijn Venus and Firman Wahyudi)

Mobile application development in the Sapelli open source project

(Michalis Vitos)

Winning app: Intro C-GEO project, App use analysis, Reuse of app s/w components

(Diego Fabian Pajarito Grajales)

Questions and Answers

(Vyrion Antoniou and Rob Lemmens)

Creating a small inventory of apps and their characteristics: Follow-up with

questionnaire (Vyrion Antoniou and Rob Lemmens)

Thursday 11th October (Aula Magna)

08:00 – 09:00 Registration

09:00 – 09:30 Keynote: Open Education

(Bleish Susanne, president of GITA association, FHNW)

09:30 – 11:00 Open Education session

Open educational resources for cartography: the Thematic Mapping Tutor

(Barend Köbben)

Crossing SSH and STEM approaches in a MapDesign course using open data

and software (Massimiliano Cannata, Giovanni Profeta, Manuel Lüscher, Laura Morandi, and Michela Voegeli)

Development and operation of GIS exercise materials for undergraduate

students (Hiroyuki Yamauchi, Takashi Oguchi, Yuichi Hayakawa and Toshikazu Seto)

E-foto: an educational digital workstation *(João Araujo Ribeiro, Jorge Luis Nunes*

E Silva Brito, Orlando Bernardo Filho, Irving Badolato and Rodrigo Dacome)

Open educational resources for the validation of global high-resolution

land cover maps (Marco Minghini, Monia Elisa Molinari, Gorica Bratic, Candan Eylül Kilsedar and Maria Antonia Brovelli)

An interactive tool for teaching map projections

(Magnus Heitzler, Hans-Rudolf Bär, Roland Schenkel and Lorenz Hurni)

11:00 – 11:20 Coffee break

11:20 – 12:20 Collective paper on Open Science

(Stéphane Joost)

12:20 – 12:30 OGRS Symposium closing session