



ISPRS Forum:

Openness and Innovation in Geomatics and Earth Observation

Thursday 9 June 2022, 9:00 - 12:30

Room Hermes

XXIV ISPRS CONGRESS 2022, 6-11 June 2022, Nice, France

Coordinators: Maria Brovelli and Serena Coetzee

Background

Openness typically refers to transparency, to free and unrestricted access to information, and to inclusive consensus-based decision-making. Organizations are increasingly considering the adoption of open source software and open data. In the geospatial domain, this is no different, and the last few decades have seen significant advances in this regard. Openness has changed the way in which geospatial data is collected, processed, analyzed and visualized. This has led to innovative solutions based on open geospatial technologies. Despite the fact that global political power balances are changing and with looming trade wars some countries are 'closing up', in most parts of the world there is currently a strong sentiment towards openness linked to significant scientific activism by citizens, as well as a strong trend by governments towards publishing open data. The question is therefore whether openness will continue into the foreseeable future. How will the concept and practice of openness evolve into the future? How will it be impacted by deep learning, big data and cloud computing developments?

Objectives

The objective of this forum is to

- Present the latest on openness and innovation related to Earth Observation, open source software, open data, open standards, open science and citizen science
- Share experiences of implementing open data and open source software in innovative geospatial solutions
- Encourage discussion about the pros and cons, as well as future directions, of openness and how these will impact innovation
- Inspire innovation through openness by allowing delegates to interact with experts in open technologies

9:00	Welcome and introductions <i>Chair: Maria Brovelli</i>
9:05	Keynote Marco Bernasocchi, QGIS.org Chair, OSGeo.org Board member and OPENGIS.ch CEO



9:30	<p>Panel: Open geospatial data and open standards</p> <p>Each panelist introduces themselves and their experience with open data and open standards.</p> <p>Panelist 1: Marco Minghini, JRC</p> <p>Panelist 2: Sisi Zlatanova, UNSW Built Environment, University of New South Wales, Sydney, Australia, and President: ISPRS Technical Commission IV, Spatial Information Science</p> <p>Panelist 3: Azile Mdeleleni, YouthMappers Chapter, University of Pretoria</p> <p>Panelist 4: Miriam Gonzalez, Geochicas, HOTOSM, UP42, Fire Forum</p> <p>Panelist 5: Sheryl Rose Reyes, ISPRS Student Consortium</p>
	Discussion
10:30	Break
11:00	<p>Panel: Open geospatial software and open standards</p> <p>Each panelist introduces themselves and their experience with open software and open standards.</p> <p>Panelist 1: Timur Obukhov, Geospatial Information Officer, United Nations, and Secretariat: UN Open GIS</p> <p>Panelist 2: Francesca Noardo, Open Geospatial Consortium (OGC)</p> <p>Panelist 3: Bolelang Sibolla, Principal Earth Observation Researcher, Council for Scientific and Industrial Research (CSIR), Pretoria, South Africa</p> <p>Panelist 4: Anca Angheloa, Open Science Platform Engineer, Science, Applications and Climate Department, Directorate of Earth Observation Programmes, ESRIN</p> <p>Panelist 5: Venkatesh Raghavan, Graduate School for Creative Cities, Osaka City University</p>
	Discussion:
12:00	Closing remarks