

Preface: Workshop “Openness in Geospatial and Remote Sensing”

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The workshop “Openness in Geospatial and Remote Sensing”, held at the ISPRS Geospatial Week on 4 September 2023, was organised by the ISPRS Intercommission Working Group (ICWG) IV/III/V, titled “Openness in Geospatial Science and Remote Sensing”. This ICWG was established in 2022 following the ISPRS Congress in Nice, France, with the aim to promote the development and adoption of technologies, policies, approaches and practices in support of open innovation in the domains of geospatial and remote sensing. The Chairs and organisers of the workshop were the ICWG officers: Marco Minghini (European Commission - Joint Research Centre, Italy), Anca Angheloa (European Space Agency, Italy), Silvana Camboim (Universidade Federal do Paraná, Brazil), Bolelang Sibolla (Council for Scientific and Industrial Research, South Africa) and Timur Obukhov (United Nations Geospatial, United States). The call for contributions, accessible at the [workshop webpage](#), addressed diverse themes centered around the development and exploitation of open data and open source approaches for geospatial science and remote sensing applications. The workshop received 17 contributions, out of which 13 were accepted (7 as oral presentations and 6 as posters). The accepted contributions addressed the full range of topics covered in the call. They demonstrated the importance of open principles and practices for several scientific applications (e.g. mapping burned areas, monitoring marine environments, classifying urban land use and land cover, adopting machine learning for seasonal assessment, monitoring slope stability, etc.), geospatial visualisation (e.g., web applications and virtual reality for geospatial), development of new open source technologies, definition of open approaches to support policy efforts (such as the Global Earth Observation System of Systems - GEOSS), and education (open learning tools for remote sensing). In the evaluation and selection of contributions, the workshop Co-chairs were supported by a scientific committee formed by: Codrina Maria Ilie (University of Technical Engineering of Bucharest and Terrasigna, Romania), Peter Mooney (Maynooth University, Ireland), Yair Grinberger (The Hebrew University of Jerusalem, Israel), Claudia Vitolo and Stefanie Lumnitz (European Space Agency, Italy), Stephan Meissl (EOX IT Services, Austria), Alessandro Sarretta (National Research Council, Italy), Alexander Kotsev and Albana Kona (European Commission - Joint Research Centre, Italy), Daniele Oxoli (Politecnico di Milano, Italy) and Marian Neagul (West University of Timisoara, România). In addition to the scientific committee, the ICWG officers would like to thank the authors of the accepted contributions, the speakers at the workshop, Sisi Zlatanova, Maria Antonia Brovelli and Hao Wu (from ISPRS TC IV) as well as the ISPRS Geospatial Week organising committee, in particular Naser El-Sheimy, for their exceptional support in the organisation of the workshop.

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Responsible Technical Commissions/ involved Working Groups:

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