

IEEE International Conference on Earth Observation and Geo-spatial Information

ICEOGI 2023

22—24 May, 2023, Algiers, ALGERIA

<http://iceogi.org/>

SECOND CALL FOR PAPERS

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The first edition of the **IEEE** International Conference on Earth Observation and Geo-spatial Information **ICEOGI 2023** is co-organized by the LTIR Laboratory of the **University of Sciences and Technology Houari Boumediene (USTHB)**, **Algiers** and the LITIO Laboratory of the **University of Oran 1 Ahmed Ben Bella (UORAN1)**, **Oran**. It will take place in **May 22—24, 2023, Algiers, Algeria**.

ICEOGI 2023 is organized as a part of the Erasmus+ (CBHE)¹ SEED4NA² (Spatial Data Infrastructures and Earth Observation—Training and Education for North Africa) project activities.

Guest Speakers

 Prof. dr. ir Joep Crompvoets KU Leuven, Belgium	 Dr. Rolf de By UT-I-ITC-STAMP, Netherlands	 Dr. Glenn Vancauwenberghe KU Leuven, Belgium	 Lucas H. De Oto, MSc UT-ITC, Netherlands	 Zvonimir Nevistić, PhD UNIZG, Croatia
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TOPICS OF INTEREST

The ICEOGI 2023 topics of interest include, but are not limited, to the following:

Axis A: Theory, Concepts and Techniques

- ◆ Spatial Data Infrastructure (SDI)
- ◆ SDI Case Studies
- ◆ Data Harmonization and Standardization Efforts
- ◆ Development and Assessment of SDI
- ◆ Geographic Information Systems (GIS)
- ◆ Applications of Machine Learning in EO/GI
- ◆ Space Geodesy
- ◆ Big Spatial Data
- ◆ Open Data Cubes
- ◆ Spectral and Spatial EO/GI Modelling
- ◆ EO Data Fusion
- ◆ UAV Image Processing
- ◆ Multisource Classification
- ◆ Hyperspectral Data
- ◆ Analysis and Modelling of Spatio-Temporal EO Data
- ◆ Interferometry and Polarimetry SAR (PolInSar)
- ◆ Policies, Strategies, Legal Aspects, and Financing of SDIs and Geospatial Data
- ◆ Training and Education

Axis B: Applications

- ◆ Sustainable Development and Climate Change
- ◆ Assessment and Mapping of Solar Fields
- ◆ Modelling of Meteorological Events
- ◆ Modelling of Meteorological Events
- ◆ Irrigation Monitoring and Water Balance Estimation
- ◆ Agricultural Monitoring and Crop Yields Forecast
- ◆ Mitigation of Agricultural Scourges
- ◆ Mitigation of Marine Biological Invasions
- ◆ Mapping of Coastal Areas
- ◆ Mapping of Geological Surfaces
- ◆ Urban Planning
- ◆ Desertification and Drought
- ◆ Land Use and Land Cover Change (LULCC)
- ◆ Monitoring of Ecosystems
- ◆ Mineral Exploration
- ◆ Oilfield Assessment and Surface Deformation
- ◆ Archaeology, Preservation and Restoration of Historic Sites
- ◆ Natural Hazard Risk Prevention and Monitoring

PAPERS SUBMISSION

All papers (of 6 pages maximum) must be written in English with respect to the IEEE standards template, and should describe original work. Paper to ICEOGI 2023 have to be submitted through the online conference management system [EasyChair](#) in PDF format.

Accepted and presented papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements.



REGISTRATION FEES

Category	International Participant		Local Participant	
	Non IEEE Member	IEEE Member	Non IEEE Member	IEEE Member
Author	250 €	220 €	25000 DZD	20000 DZD
Student Author	250 €	220 €	15000 DZD	10000 DZD
Non Author	350 €	300 €	35000 DZD	30000 DZD
Additional joint dinner ticket for accompanying person	8000 DZD			

(1) CBHE (Capacity Building in Higher Education), project reference number 610328-EPP-1 -2019-1-BE-EPPKA2-CBHE-JP
(2) <http://seed4na.eu/>