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Nota di contenuto	-- Natural Hazards Monitoring and Modelling. -- Advantages and limitations of satellite-based glacier monitoring. The Rutor Glacier in Italy. -- A multi-scale approach to detect geomorphological hazard in a post-fire scenario: A case study in Sardinia (Central Mediterranean). -- Measuring land deformation through PSI technique in NE Sardinia (Italy): Roads to Einstein Telescope. -- A Low-Cost Three-Cameras Photogrammetric System for Training Students in Physical Simulation of Shallow Landslides. -- The Italian National Fire and Rescue Service

activity in forest fires: the event in Montegrino Valtravaglia. -- Technological innovation in Emergency Technical Rescue: The deployment of CNVVF UAS to support the Director of Forest Fire Fighting Operation. -- Platform prototype for the prediction of landslide risk susceptibility through a 4D WebGIS equipped with Cellular Automata and Neural Networks. -- Technological Services for Territory Planning and Management. -- A land monitoring service for local public administrations: the IRIDE EOS4LPA Lot 3 project. -- Sen4MUN: a prototypal service for the distribution of contributions to the European municipalities from Copernicus satellite imagery. A case in Aosta Valley (NW Italy). -- Monitoring and forecasting land cover dynamics using remote sensing and geospatial technology. -- The QGIS platform for LABMET Observatory. The experience of the Metropolitan City of Cagliari (MCC). -- The Digital Twin of the Metropolitan Area of Milan: quality assessment of aerial and terrestrial data. -- On the Role of Geomatics in the Interconnected Nord-Est Innovation Ecosystem. -- Methodological Advancements in Data Analysis and Processing. -- Biodiversity-proof Energy Communities in the Urban Planning of Italian Inner Municipalities. -- GIS Analysis for urban "anti-fragility" to climate change. -- Next Pandemic Preparedness: A Focus on Health Data Standardization and Readiness for Spatial Enablement. -- Towards a spatial decision support system for hydrogeological risk mitigation in railway sector. -- Comparison between the vegetation indices obtained from Sentinel-2 and Planet: a case study over a rice farm in Northern Italy. -- Classification of water in an urban environment by applying OBIA and fuzzy logic to very high-resolution satellite imagery.

| Sommario/riassunto | This book constitutes the proceedings of the 26th Italian Conference on Geomatics for Environmental Monitoring: From Data to Services, ASITA 2023, which was held as a virtual event during December 18-20, 2023. The 19 full papers included in this book were carefully reviewed and selected from 42 submissions. They were organized in topical sections as follows: Natural hazards monitoring and modelling; technological services for territory planning and Management; methodological advancements in data analysis and processing. |