

## EDITORIAL SCIRES-IT. DOCUMENTATION AND INNOVATIVE TECHNOLOGIES FOR THE PRESERVATION AND SUSTAINABLE REGENERATION OF CULTURAL AND NATURAL HERITAGE

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### Abstract

This issue 1 of vol. 15 (2025) of SCIRES-IT collects interesting articles on Cultural, environmental, landscape, and natural heritage and on the application of various innovative techniques and technologies for their knowledge, preservation, enhancement, sustainable regeneration, and enjoyment.

### Keywords

SCIRES-IT, Editorial, SCientific REsearch and Information Technology, Cultural and Environmental Heritage, ReUso, Agenda 2030

This issue 1 of vol. 15 (2025) of SCIRES-IT - SCientific REsearch and Information Technology, like the previous ones, collects interesting articles on Cultural, environmental, landscape, and natural heritage and on the application of various innovative techniques and technologies for their knowledge, preservation, enhancement, sustainable regeneration, and enjoyment, in line with the main objectives of the journal.

Protecting and safeguarding cultural and natural heritage is fundamental for the development of cities and communities.

The 2030 Agenda for Sustainable Development emphasizes this theme, in goal 11.4, which aims to *"strengthen efforts to protect and safeguard the world's cultural and natural heritage"*.

It is essential to conserve the historical and cultural memory of communities, promote sustainable and inclusive development, enhance the social and cultural identity of territories, through effective regulatory tools, experimentation activities, active community participation, interdisciplinary contribution of different fields of knowledge, and integrated use of innovative techniques and technologies, as well as the synergistic application of different technological approaches and tools to achieve specific objectives in various contexts, such as education, data management, archaeological,

architectural, landscape, environmental, and natural heritage.

These objectives have also encouraged the recent debate sustained by the themes of the ReUSO Conference, held in Pescara from October 29 to 31, 2025, of which we had the pleasure of hosting two contributions selected as "best papers" by the Scientific Committee of the same Conference, translated into English, expanded, and enriched with new and original content specifically for SCIRES-IT.

The ReUSO Conference is an annual and itinerant event that every year welcomes scholars, professionals, and researchers to reflect on the themes of safeguarding and enhancement of the existing.

The name, as indicated on the website (<https://www.reuso2025-unich.it/>), *"was conceived as a synthetic expression of 'restoration' and 'use' - a binomial that intertwines in a symbiotic way, history, restoration, and contemporary vitality - and connotes a protection action based on the interdisciplinary contribution of different fields of knowledge for the conservation of the existing"*.

Knowledge, Documentation, Restoration, Recovery, Risk, Regeneration, Sustainability are the themes, interrelated among them, proposed by the Conference and relevant to many objectives of the international scientific journal, diamond open

access, SCIRES-IT - SCientific RESearch and Information Technology (<http://www.sciresit.it/>).

The knowledge and documentation of heritage are essential to guide the conservation, safeguarding, and enhancement of architectural and environmental heritage, for the restoration and sustainable regeneration of fragile and at-risk contexts. The most advanced and diversified

digital technologies can offer, as shown by all the contributions published in this issue, useful innovative approaches.

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