



CALL FOR PAPERS

ICDH 2021 Nov 27-28, 2021, London, United Kingdom

The ICDH 2021 : 23th International Conference on Resource Conservation and Restoration Ecology is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Resource Conservation and Restoration Ecology. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Digitization

Photogrammetry and image-based modeling
3D scanning and digitization
Remote sensing and aerial lidar
GNSS (GPS, GLONASS, Galileo)
Advanced document scanning
Low-cost and gaming 3D input
Ultra-high resolution and HDR photography
Terahertz, Infrared, UV and X-ray imaging
Advanced sensors research

Analysis and Interpretation

Historic Document Analysis
Remote Sensing Analysis
Finite element, structural and other analyses
3D modeling (CAD-based and reality-based)
Building Information Modeling
Virtual Reconstruction Issues
Realism and Interpretation in CH
3D, multimedia and GIS repositories, platforms, and info systems
Digital Curation
Virtual GIS and Mapping tools
Emerging technologies

Preservation

Metadata Handling and Management in Heritage
Requirements and policies
Trusted digital repositories / OAIS
Institutional Repositories
Semantic Web in CH
Long term storage and persistence
Data formats and compression for preservation

Immersive and Active/Passive stereodisplays
Real + virtual worlds (mixed/augmented reality)
Virtualization of other senses (touch, taste, smell, sound)
Haptic and Multimodal interaction
Distributed VR
Local/remote rendering
Innovative interaction systems
Storytelling and design of heritage communications
Usability, effectiveness and interface design
Visual simulation of materials
Emerging visualization technologies

Policy and standards

Metadata Handling and Management
Digital Rights
Heritage Commons
Cultural Analytics
Heritage at Risk
Heritage Consortia
E-libraries
Digital Humanities
Born digital content issues

Theory, methodologies and applications of Digital Heritage

Virtual documentation
Virtual heritage conservation
Virtual restoration
Virtual archaeology
Virtual museums
Virtual Exhibitions
Serious Games for heritage
Collaborative environments
Internet technologies and social media

Background: International Research Conference Series is an event series consisting of a number of recurring events; academic conferences, symposia, workshops, special sessions, and plenary talks in all fields of research. The series may run over any span of time within the conference days. Presentations scheduled in the Oral and ePoster sessions are drawn from a selection of the peer reviewed papers from a wide range of scientific and other disciplines of inquiry.

Visualization and Interaction

