

1. Record Nr.	UNISA996465303903316
Titolo	Progress in Cultural Heritage Preservation [[electronic resource]] : 4th International Conference, EuroMed 2012, Lemessos, Cyprus, October 29 -- November 3, 2012, Proceedings // edited by Marinos Ioannides, Dieter Fritsch, Johanna Leissner, Rob Davies, Fabio Remondino, Rossa Caffo
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2012
ISBN	3-642-34234-5
Edizione	[1st ed. 2012.]
Descrizione fisica	1 online resource (XXVI, 900 p. 494 illus.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 7616
Disciplina	006.7
Soggetti	Multimedia information systems Information storage and retrieval Computer communication systems Application software Optical data processing Computer graphics Multimedia Information Systems Information Storage and Retrieval Computer Communication Networks Information Systems Applications (incl. Internet) Image Processing and Computer Vision Computer Graphics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Digital Data Acquisition Technologies and Data Processing in Cultural Heritage.- 2D and 3D Data Capture Methodologies and Data Processing in Cultural Heritage.- 2D and 3D GIS in Cultural Heritage.- Virtual Reality in Archaeology and Historical Research.- Standards, Metadata, Ontologies and Semantic Processing in Cultural Heritage.- Data Management, Archiving and Presentation of Cultural Heritage Content. - ICT Assistance in Monitoring and Restoration.- Innovative Topics

Related to the Current and Future Implementation, Use, Development and Exploitation of the EU CH.- Innovative Technologies to Assess, Monitor and Adapt to Climate Change -- Digital Data Acquisition Technologies and Data Processing in Cultural Heritage.- 2D and 3D Data Capture Methodologies and Data Processing in Cultural Heritage. - On-site and Remotely Sensed Data Collection.- Reproduction Techniques and Rapid Prototyping in Cultural Heritage.- 2D and 3D GIS in Cultural Heritage -- Innovative Graphics Applications and Techniques -- Libraries and Archives in Cultural Heritage -- Tools for Education, Documentation and Training in CH -- Standards, Metadata, Ontologies and Semantic Processing in Cultural Heritage -- Damage Assessment, Diagnosis and Monitoring for the Preventive Conservation and Maintenance of CH -- Information Management Systems in CH -- European Research Networks in the Field of CH -- Non-destructive Diagnosis Technologies for the Safe Conservation and Traceability of Cultural Assets. 2D and 3D Data Capture Methodologies and Data Processing in Cultural Heritage.- 2D and 3D GIS in Cultural Heritage. - Virtual Reality in Archaeology and Historical Research.- Standards, Metadata, Ontologies and Semantic Processing in Cultural Heritage. - Data Management, Archiving and Presentation of Cultural Heritage Content.- ICT Assistance in Monitoring and Restoration.- Innovative Topics Related to the Current and Future Implementation, Use, Development and Exploitation of the EU CH.- Innovative Technologies to Assess, Monitor and Adapt to Climate Change -- Digital Data Acquisition Technologies and Data Processing in Cultural Heritage.- 2D and 3D Data Capture Methodologies and Data Processing in Cultural Heritage.- On-site and Remotely Sensed Data Collection. - Reproduction Techniques and Rapid Prototyping in Cultural Heritage. - 2D and 3D GIS in Cultural Heritage -- Innovative Graphics Applications and Techniques -- Libraries and Archives in Cultural Heritage -- Tools for Education, Documentation and Training in CH -- Standards, Metadata, Ontologies and Semantic Processing in Cultural Heritage -- Damage Assessment, Diagnosis and Monitoring for the Preventive Conservation and Maintenance of CH -- Information Management Systems in CH -- European Research Networks in the Field of CH -- Non-destructive Diagnosis Technologies for the Safe Conservation and Traceability of Cultural Assets.

Sommario/riassunto

This book constitutes the refereed proceedings of the 4th International Conference on Progress in Cultural Heritage Preservation, EuroMed 2012, held in Lemesos, Cyprus, in October/November 2012. The 95 revised full papers were carefully reviewed and selected from 392 submissions. The papers are organized in topical sections on digital data acquisition technologies and data processing in cultural heritage, 2D and 3D data capture methodologies and data processing in cultural heritage, 2D and 3D GIS in cultural heritage, virtual reality in archaeology and historical research, standards, metadata, ontologies and semantic processing in cultural heritage, data management, archiving and presentation of cultural heritage content, ICT assistance in monitoring and restoration, innovative topics related to the current and future implementation, use, development and exploitation of the EU CH identity card, innovative technologies to assess, monitor and adapt to climate change, digital data acquisition technologies and data processing in cultural heritage, 2D and 3D data capture methodologies and data processing in cultural heritage, on-site and remotely sensed data collection, reproduction techniques and rapid prototyping in cultural heritage, 2D and 3D GIS in cultural heritage, innovative graphics applications and techniques, libraries and archives in cultural heritage, tools for education, documentation and training in CH,

standards, metadata, ontologies and semantic processing in cultural heritage, damage assessment, diagnoses and monitoring for the preventive conservation and maintenance of CH, information management systems in CH, European research networks in the field of CH, non-destructive diagnosis technologies for the safe conservation and traceability of cultural assets.
