

1. Record Nr.	UNINA9911034937803321
Autore	Augelli Francesco
Titolo	Cultural Heritage Preservation for Vulnerable Territories : The Aurès Region in Algeria / / edited by Francesco Augelli, Susanna Bortolotto
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-97721-1
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (409 pages)
Collana	Creativity, Heritage and the City, , 2366-4592 ; ; 8
Altri autori (Persone)	BortolottoSusanna
Disciplina	363.6909655
Soggetti	Fire prevention Buildings - Protection Cultural property Cultural property - Protection Historic preservation Landscape architecture Fire Science, Hazard Control, Building Safety Cultural Heritage Conservation and Preservation Landscape Architecture
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- The Vulnerable Cultural and Natural Heritage of Aurès Region in Algeria. Research, Teaching Collaborations and Experiences 2017-2024 Between Politecnico di Milano and Algerian Universities -- The Reasons for the Preservation of Historic Vulnerable Landscapes and Architecture in the Thought of Pier Paolo Pasolini -- Historic Agricultural Landscape: A Heritage to Conserve and Valorise -- Vulnerable Vernacular Territories Experience -- The Mediterranean Water Heritage. Orchards-Gardens' Ancient Technologies and Modern Sustainable Approaches: The Case of Pantelleria Island (Sicily Channel, Italy) -- Anipemza: First Proposal for Conservation, Valorisation and Improvement of a Fragile Settlement in Armenia -- Cepitá in Santander, Colombia: A Raw-Earth Village and the "Integral Landscape Heritage" to Be Discovered, Enhanced and Preserved -- Dumat Aljandal

Archaeological Oasis. Museum of Traditional Agronomic Techniques and Astronomy Project (Saudi Arabia) -- The impact of 19th and 20th Century Transport Systems on Overseas Traditional Routes, Settlements and Housing: The Case of the Massawa-Asmara Axis in Eritrea -- The Case Study of Aurès Valley (Algeria) - The Territory -- The Trans-Saharan Routes and the Oases Relay System in Southern Algeria: A Widespread Heritage to Know and Preserve -- Water and Soil Quality Assessment in M'Chouneche Oasis (Algeria) -- Community Based Activities: Local Knowledge and Academic Understanding to Enhance Technological Transfer in The Abiod Valley (Algeria) -- Archaeology Research: Territorial Context, Architectural Characteristics and Valorisation Proposal of Ghoufi (Algeria) -- The Case Study of Aures Valley (Algeria) - The Architecture -- A Tool for Assessing and Surveying Building Vulnerability in Algeria -- The Fragility of Palm Date Wooden Elements in the Berberian Vernacular Architectures of Aurès Valley in Algeria -- Asrir-El Ghars: The Market District of the Traditional Village of M'Chouneche (Algeria) -- Contexts and Berber Collective Granaries Architecture. Case Study of M'Chouneche Village in the Aurès Mountains (Algeria) -- A Virtual Reconstruction of a Vulnerable Sacred Built Heritage in the Aurès Mountains. Case of "Djamaa Ilmas" Mosque (Vernacular Village of M'Chouneche, Biskra, Algeria) -- Characterization and Numerical Simulation of the Traditional Architecture of the M'Chouneche to Analyse the Flow and Thermal Phenomena Used by the Region's Ancient Inhabitants -- Guide for the Conservation of Vernacular Architecture Case Study: the "Si Zikoui House" at M'Chouneche, Biskra (Algeria) -- The Annexed Buildings to the Si el Haoues Museum in M'Chouneche (Algeria): Reuse and Valorisation About the Context -- Thermophysical and Chemical Characterisation of Materials Used in the Construction of the Si el Haoues Museum in M'Chouneche (Algeria) -- Physical, Chemical, and Mechanical Characterisation of Palm Wood Fibres Added to Restoration Material: A Case Study of Palm Wood Fibres from the Biskra Region (Algeria) -- State of the Art About Knowledge of the Anatomy, Physiology, Deterioration and Mechanical Characteristics of the Date Palm Wood in Algeria. A Research Proposal.

Sommario/riassunto

This book frames the many-sided fragilities of the Ghoufi Canyon (Aurès region, Algeria)'s heritage. It originates from a long international cooperation between Politecnico di Milano (Italy), dealing with architectural preservation and adaptive reuse's teaching and research activities, and Biskra University (Algeria). From the preservation of landscape heritage to historical cities and settlements preservation and ancient and modern architecture preservation, the tangible and intangible cultural heritage protection and valorization, from the social repercussions to the environmental issues, this book introduces different aspects of Ghoufi territory's cultural richness and fragility. The common aim of the rich mosaic of case studies presented at different scales is mapping, understanding, and considering the weaknesses of sites to be addressed sustainably. This is done while seeking cultural resilience-driven preservation solutions regarding operational guidelines and policies, risk assessment, social awareness, and teaching innovation. There is also a focus on virtuous multi-scale management of advanced digital technologies used to describe the current conditions and to drive the compatible design methodology on cultural heritage.
