Analysis, Conservation, and Restoration of Tangible and Intangible Cultural Heritage

Part of the Advances in Religious and Cultural Studies Book Series

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Description:
Communities have witnessed a fundamental shift in the ways they interact with heritage sites. Much of this change has been driven by the rapid democratization and widespread adoption of enabling technologies. As expediency is embraced in the collection and analysis of data, there may also be a certain amount of intimacy lost with both the tangible and intangible vestiges of the past.

Analysis, Conservation, and Restoration of Tangible and Intangible Cultural Heritage is a collection of innovative research on the quantitative methods and digital workflows transforming cultural heritage. There is no contesting the value of advanced non-destructive diagnostic imaging techniques for the analysis of heritage structures and objects. Highlighting topics including 3D modeling, conservation, and digital surveying, this book is ideally designed for conservation and preservation specialists, archaeologists, anthropologists, historians, academicians, and students seeking current research on data-driven, evidence-based decision making to improve intervention outcomes.

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Topics Covered:
- 3D Modeling
- Building Information Modeling
- Conservation
- Data Capture
- Diagnostic Imaging
- Digital Surveying
- Historical Analysis
- Restoration
- Robotics
- Social Humanities
- Virtual Reality

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