

New Journal Highlights Advances In Historic Preservation

Technical advances are transforming the field of historic preservation, opening up innovation avenues to preserve ancient buildings and structures. Now a new publication from Taylor & Francis titled the *International Journal of Architectural Heritage: Conservation, Analysis, and Restoration* will bring together leading experts in the field to show how new techniques are helping to preserve some of our most treasured buildings.

“Our role is to contribute to increasing multidisciplinary approaches and technological advances in architectural heritage,” says Paulo B. Lourenço, co-editor of the journal and a professor of civil engineering at the University of Minho, Portugal. The other co-editor of the journal is Pere Roca, a professor of construction engineering at the University of Catalonia in Barcelona, Spain.

Successful historic preservation, the editors say, requires an understanding both of historical construction methods and of modern techniques for inspection and structural analysis. Repair or strengthening actions should be reversible, non-invasive, and respect the original construction.

Modern requirements for conservation include reversibility, unobtrusiveness, and minimum intervention. The *International Journal of Architectural Heritage* will provide a multidisciplinary scientific overview of existing resources and modern technologies useful for the study and repair of historical buildings and other structures.

Subjects to be covered by the journal include:

- History of construction and architectural technology
- Historical and traditional building techniques
- Survey techniques
- Non-destructive testing, inspection, and monitoring
- Analytical and numerical approaches
- Experimental results and laboratory testing
- Innovative and traditional materials for repair and restoration
- Novel strategies and techniques for repair and restoration
- Repair and strengthening of structures
- Seismic behavior and retrofitting

- Detailed and state-of-the-art case studies

“The journal includes information on history, methodology, materials, survey, inspection, non-destructive testing, analysis, diagnosis, remedial measures, and strengthening techniques,” says Lourenço. “The main goal of the journal is to provide an overview of existing resources useful for the rigorous study of ancient structures and to present state-of-the-art, novel research in the field.”

Contributors will include experts from architecture, civil engineering, archaeology, history, and the building trades. The audience for the journal will include academics and students in these fields, as well as engineering and architecture service companies, restoration operators, private contractors working in rehabilitation and restoration, and public authorities that own or regulate monuments and historic buildings.

Published quarterly, the *International Journal of Architectural Heritage* will also include case studies, review papers, and special issues on topics of particular interest in the field. The editors especially welcome interdisciplinary and international contributions.

“The *International Journal of Architectural Heritage* is the only journal providing a multidisciplinary scientific overview of existing resources and modern technologies useful for the study and repair of historical buildings and other structures,” says Lourenço.

Subscription information for the *International Journal of Architectural Heritage* or a sample copy can be obtained from the address below. The journal can be viewed online at www.tandf.co.uk/journals/titles/15583058.asp.

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