



The Association for Preservation Technology International
Association pour la préservation et ses techniques

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The *APT Bulletin* Presents Fresh Perspectives in Preservation

The latest issue of the *APT Bulletin*, Vol. 40:1, contains articles on such wide-ranging topics as injection grouting on the Villa Medici in Rome, insulating mid-twentieth century American residences, climate change, and high-tech cleaning techniques.

A special feature is an article by May Cassar based on her College of Fellows lecture at APT's 2008 annual conference in Montreal. Cassar discusses the challenges of heritage conservation and sustainability in the twenty-first century. Focusing on climate change, which she describes as “the greatest challenge of our time,” she analyzes strategies that have been utilized in the past to confront this problem and calls for an alignment of conservation practices with sustainability principles.

Another article that was originally presented at the Montreal conference discusses the use of lasers as an innovative cleaning option. Andrzej Dajnowski, Adam Jenkins, and Andrew Lins use case studies of cleaning the sandstone facades of the Nickerson Mansion in Chicago, monumental bronzes at the Philadelphia City Hall, and glazed terra cotta at the Philadelphia Museum of Art to illustrate the benefits of laser cleaning, including reduced waste, high-quality results, and cost effectiveness.

An exploration of mortar use is the basis of two articles in this issue. One article, by Mary B. Brush and Didier Repellin, discusses the French and Italian techniques of mortar injection and uses a case study of Villa Medici in Rome, Italy, to show how mortar injection can be used to repair load-bearing masonry walls. Dorothy S. Krotzer and John J. Walsh analyze mortars and stuccos used at Randolph Hall, the Towell Library, and the Porter's Lodge, three historic buildings at the College of

Charleston in South Carolina. They review mortar-analysis methods, such as acid-digestion, imaging, and instrumental techniques, and call for greater collaboration between conservators and material scientists when undertaking such projects.

Janet Null analyzes the deterioration of different materials and structures in the same environment through a case study of two surviving buildings of the Adirondacks Iron and Steel Company in upstate New York: the 1834 timber-frame MacNaughton House and the 1854 stone blast furnace. Mark Davis and Dan Eschenasy evaluate conditions of nineteenth-century structures in their assessment of masonry facades of walk-up buildings in Manhattan and Brooklyn. Moving into the first half of the twentieth century, Joanna Dowling provides a historical overview of the thermal-insulation industry. She discusses the four main insulation types—rigid or semi-rigid, fill, blanket or batt, and reflective surface—and argues that these developments in the American housing industry evidenced larger social and technical trends of the twentieth century.

The Association for Preservation Technology is the only international organization dedicated solely to promoting the best technology for conserving historic structures and their settings. Founded in 1968 in Québec as a joint venture between Canadian and United States preservationists, APT provides members with benefits such as publications, networking, conferences, training courses, and student scholarships. As a benefit of membership, APT members can search, browse, download, and print full-text PDF versions of past *Bulletin* articles on JSTOR, an international online digital archive.

The *APT Bulletin*, a peer-reviewed, scholarly journal, is a valued source for state-of-the-art information on preservation technology. Published three times a year by APT, the *Bulletin* examines all aspects of preservation technology in feature articles and book reviews, keeping readers at the leading edge of the field.

Mount Ida Press, which edits and produces the *APT Bulletin*, specializes in high-quality publications on history, architecture, and building technology. For further information about the *APT*

Bulletin, please contact the editorial office in Albany, New York, at 518.426.5935 or at info@mountidapress.com.

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