

TC•SP

TECHNICAL COMMITTEE on SUSTAINABLE PRESERVATION



The Technical Committee on Sustainable Preservation (TC-SP) of the Association for Preservation Technology International was created to provide increased opportunities for interdisciplinary cooperation and practice.

In the U.S. and Canada, nearly three quarters of the building stock is more than thirty-five years old, beyond the intended service life of many exterior envelope components and energy consuming systems. Many are potential candidates for historic or heritage designation. Recycling existing structures is fundamental to achieving sustainability.

Combining experience in existing building renewal with emerging practices in sustainable design, TC•SP is developing tools, documenting best practices, and preparing educational materials to achieve the sustainable use of the existing building stock.

TC•SP Greening Preservation through Collaboration

Stewardship of irreplaceable resources is the shared ethic of both sustainability and preservation. Conservation of energy and ecological, material and cultural resources are interdependent. Collaboration among sustainability and preservation advocates is imperative.

The Halifax and Montreal Symposiums

Setting the agenda for Sustainable Heritage Conservation

TC•SP conducted two symposia during APT's 2005 annual conference in Halifax, Nova Scotia, and the 2008 annual conference in Montreal, Quebec. These symposia attracted leaders in the sustainable preservation field where they collaborated to sharpen the vision, clarified the mission and advanced the techniques of sustainable heritage conservation.

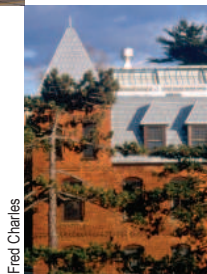
The Halifax Preamble:

Sustainability is of critical importance to APT's mission to promote the wise use of the built environment.

There is a need to make the cultural dimension of sustainability explicit.

Respect for the cultural dimension requires a process that is broad-based and inclusive.

Interpreting cultural significance and historic integrity in sustainability rating systems requires both quantitative and qualitative measures.



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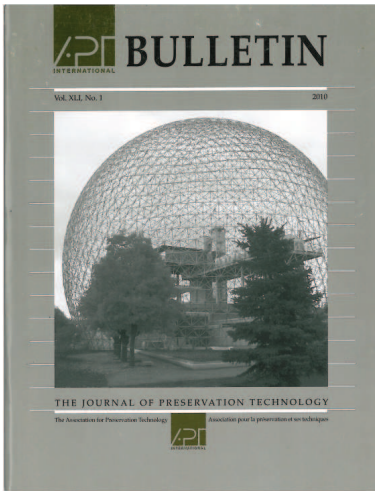
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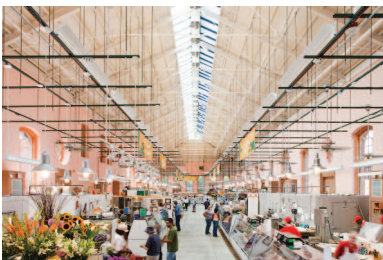


APT Bulletins Special Issues on Sustainable Preservation

Following the Halifax and Montreal Symposia, TC•SP prepared two special issues of the APT Bulletin devoted to sustainable preservation and heritage conservation topics. (*APT Bulletin* Vol. 36, No. 4, published by Mount Ida Press, 2005; *APT Bulletin* Vol. 41, No. 1, published by Mount Ida Press, 2010)

Articles published in the 2005 Special Issue establish the scope and depth of work accomplished in the U.S. and Canada at the intersection of sustainability and preservation. Several articles illustrated that the value of heritage conservation is magnified through the lens of sustainability by quantifying embodied energy and material resources in historic buildings. Others demonstrated the integration of high-performance systems, green materials and sustainable practices in historic places.

The 2010 Special Issue explores the integral role of sustainability in the field of preservation. Guest editor Walter Sedovic introduced the issue by saying “this issue of the Bulletin is proof that we as a profession have matured and that our notion of sustainable preservation has come of age.” The articles in the issue displayed how deeply sustainability and preservation are connected and explore the ways in which this relationship can be strengthened over the coming years.



Ron Blunt

TC•SP Action Agenda

Make a difference by contributing to these TC•SP Focus Group activities for 2010/2011:

Education + Outreach:

identifying strategic partnerships and developing sustainable preservation educational “modules”.

Climate Change:

documenting how climate change impacts historic structures and landscapes, and determining how preservation technology can best address this issue.

Policy:

best practices for policy formation regarding sustainability and preservation, providing a model for jurisdictions creating their own policies and a tool for evaluation policies potentially harmful to historic resource

Rating Systems + Life Cycle Assessment:

conducting technical reviews of green building rating systems to assess their efficacy for application to historic properties.

Publications + Communications:

preparing TC•SP newsletters and articles for the APT Bulletin and other preservation and green building publications.

TC•SP works via monthly teleconferences. If you would like to join these calls, please contact the focus group leaders.

What is APT?

Created in 1968 in Quebec as a joint venture between preservationists in Canada and the United States, the Association for Preservation Technology International has always been at the forefront of the rapidly evolving preservation movement. Drawn together by a need to know, APT members gather at conferences, training sessions and social functions to expand their professional spheres and share their hard-won knowledge and expertise.
www.apti.org



Christopher Campbell

Find Out More! TC•SP Publications

APT Bulletin Vol. 41, No. 1 and *APT Bulletin* Vol. 36, No. 4; Special Issues on Sustainability and Preservation for sale through the APT website, Committees section.

TC•SP Quarterly Report available online in the APT Communiqué at www.apti.org

Links to TC•SP activities can be found at the APT website at www.apti.org. All APT members are encouraged to participate.

APT Denver 2010

The TC•SP is pleased to present a workshop at the 2010 Annual Conference entitled “Envelope Performance Testing, Modeling and Monitoring”. The workshop will provide an overview of emerging analysis, simulation and measuring tools to aid the work of preservation professionals.

APT Victoria, British Columbia, 2011

Get ready for APT’s **43rd Annual Conference** where TC•SP is preparing a Summit on Sustainable Preservation. The Victoria Sustainability Summit will be a two-day series of meetings, the goal of which will be to produce a technical document that establishes a clear process to make the decisions necessary for the sustainable understanding and treatment of historic buildings. Technical experts from around the world will convene to offer the broadest possible perspective.