

ARCLG140: Conservation in Practice: Preventive Conservation

View Online



[1]

'Conservation OnLine'. .

[2]

'Conservation Bibliography (BCIN) Réseau d'information sur la conservation'. .

[3]

'Art and Archaeology Technical Abstracts'. .

[4]

'Getty Conservation Institute'. .

[5]

'Canadian Conservation Institute | Institut canadien de conservation'. .

[6]

E. Pye, 'Issues in practice: conservation procedures', in *Caring for the past: issues in conservation for archaeology and museums*, London: James & James, 2001, pp. 121–132.

[7]

T. Padfield, 'How to keep for a while what you want to keep for ever', 2005. .

[8]

National Park Service - Museum Management Program, 'Museum Handbook, Part 1: Museum Collections'. .

[9]

Susan Bradley, 'Preventive Conservation Research and Practice at the British Museum', *Journal of the American Institute for Conservation*, vol. Vol. 44, no. No. 3, pp. 159-173, 2005.

[10]

Corr, Susan, *Caring for collections: a manual of preventive conservation*, vol. Heritage Council of Ireland series. [Ireland]: Heritage Council:, Institute for the Conservation of Artistic and Historic Works in Ireland, 2000.

[11]

Roy, Ashok, Smith, Perry, International Institute for Conservation of Historic and Artistic Works, and International Institute for Conservation of Historic and Artistic Works, *Preventive conservation: practice, theory and research : preprints of the contributions to the Ottawa Congress, 12-16 September 1994*. London: International Institute for Conservation of Historic and Artistic Works, 1994.

[12]

Lavédrine, Bertrand, Gandolfo, Jean-Paul, Monod, Sibylle, and Getty Conservation Institute, *A guide to the preventive conservation of photograph collections*. Los Angeles: Getty Conservation Institute, 2003.

[13]

Waller, R. Robert, *Cultural property risk analysis model: development and application to preventive conservation at the Canadian Museum of Nature*, vol. Göteborg studies in

conservation. Göteborg: Acta Universitatis Gothoburgensis.

[14]

R. Waller, 'Risk management applied to preventive conservation', in *Storage of natural history collections: a preventive conservation approach*, Pittsburgh, Pa: Society for the Preservation of Natural History Collections, 1995, pp. 21–28 [Online]. Available: <http://www.museum-sos.org/>

[15]

'Conservation : the GCI newsletter, Newsletter 19.1 Spring 2004' . .

[16]

'The Heritage Health Index' . .

[17]

T. Padfield, 'Conservation physics' . .

[18]

J. Ashley-Smith et al, 'Let's be honest - realistic environmental parameters', in *Preventive conservation: practice, theory and research : preprints of the contributions to the Ottawa Congress, 12-16 September 1994*, London: International Institute for Conservation of Historic and Artistic Works, 1994, pp. 28–31.

[19]

J. BROWN and W. B. Rose, 'Development of humidity recommendations in museums and moisture control in buildings', 1997. .

[20]

Camuffo, Dario, *Microclimate for cultural heritage*, vol. *Developments in atmospheric science*. Amsterdam: Elsevier, 1998.

[21]

Guichen, Gaël de and International Centre for the Study of the Preservation and the Restoration of Cultural Property, *Climate in museums: measurement = Climat dans le musée : mesure*, 2nd ed., Rev., vol. ICCROM technical notes = Notes techniques de l'ICCROM. Rome: ICCROM, 1984.

[22]

S. Staniforth, 'Control and measurement of the environment', in *Manual of curatorship: a guide to museum practice*, Boston: Butterworth-Heinemann, 1992, pp. 234-245.

[23]

D. Erhardt and M. Mecklenburg, 'Relative humidity re-examined', in *Preventive conservation: practice, theory and research : preprints of the contributions to the Ottawa Congress, 12-16 September 1994*, London: International Institute for Conservation of Historic and Artistic Works, 1994, pp. 32-38.

[24]

Thomson, Garry and International Institute for Conservation of Historic and Artistic Works, *The museum environment*, 2nd ed., vol. Butterworth-Heinemann series in conservation and museology. London: Butterworth-Heinemann, 1994.

[25]

L. Bratasz, S. Jakiela, and R. Kozłowski, 'Allowable thresholds in dynamic changes of microclimate for wooden cultural objects: monitoring in situ and modelling', in *ICOM Committee for Conservation: 14th triennial meeting, The Hague, 12-16 September 2005 ; preprints*, London: James & James, Earthscan, 2005, pp. 582-589.

[26]

J. P. Brown, 'What can psychrometric data tell us?', in *Electronic environmental monitoring in museums*, vol. Conservation monograph series, Denbigh, Clwyd, Wales: Archetype, 1993, pp. 37-59.

[27]

Cassar, May, *Environmental management: guidelines for museums and galleries*. London: Routledge, 1994.

[28]

Cassar, May, Hutchings, Jeremy, and Great Britain, *Relative humidity and temperature pattern book: a guide to understanding and using data on the museum environment*. London: Museums & Galleries Commission, 2000.

[29]

Florian, Mary-Lou E., *Fungal facts: solving fungal problems in heritage collections*. London: Archetype, 2002.

[30]

M. Mecklenburg, 'Determining the Acceptable Ranges of Relative Humidity and Temperature in Museums and Galleries, Part 1, Structural Response to Relative Humidity', 2007. [Online]. Available: <http://si-pddr.si.edu/dspace/handle/10088/7056>

[31]

M. Mecklenburg, 'Determining the Acceptable Ranges of Relative Humidity and Temperature in Museums and Galleries, Part 2, Structural Response to Temperature', 2007. [Online]. Available: <http://si-pddr.si.edu/dspace/handle/10088/7055>

[32]

M. Mecklenburg, C. S. Tumosa, and D. Erhardt, 'Structural response of painted wood surfaces to changes in ambient relative humidity', in *Painted wood: history and conservation*, Los Angeles: Getty Conservation Institute, 1998, pp. 464–483 [Online]. Available: http://www.getty.edu/conservation/publications_resources/pdf_publications/pdf/paintedwood6.pdf

[33]

S. Michalski, 'The ideal climate, risk management, the ASHRAE chapter, proofed fluctuations and toward a full risk analysis model', Experts' Roundtable on Sustainable Climate Management Strategies. Alternative Climate Controls for Historic Buildings, pp. 1-19, 2007 [Online]. Available:
http://www.getty.edu/conservation/our_projects/science/climate/paper_michalski.pdf

[34]

S. Michalski, 'Agent of Deterioration: Incorrect Relative Humidity'. [Online]. Available:
<http://www.cci-icc.gc.ca/caringfor-prendresoindes/articles/10agents/chap10-eng.aspx>

[35]

S. Michalski, 'Agent of Deterioration: Light, Ultraviolet and Infrared'. [Online]. Available:
<http://www.cci-icc.gc.ca/caringfor-prendresoindes/articles/10agents/chap08-eng.aspx>

[36]

T. Padfield, 'Why keep climate records and how to keep them', in Museum microclimates: conference on preventive conservation held in Copenhagen 19-23 November 2007, T. Padfield and K. Borchersen, Eds. Museum of Denmark, 2007, pp. 157-163 [Online]. Available:
http://natmus.dk/fileadmin/user_upload/natmus/bevaringsafdelingen/billeder/far/Museum_Microclimate/Contributions_to_the_conference/padfield.pdf

[37]

T. Padfield, 'The potential and limits for passive air conditioning of museums, stores and archives', in Museum microclimates: conference on preventive conservation held in Copenhagen 19-23 November 2007, T. Padfield and K. Borchersen, Eds. National Museum of Denmark, 2007, pp. 191-198 [Online]. Available:
<http://www.conservaionphysics.org/musmic/musmicbuf.pdf>

[38]

D. Watkinson and M. Lewis, 'ss Great Britain iron hull: modelling corrosion to define storage relative humidity', in Metal 04: = Actes de la Conférence internationale sur la conservation des métaux, [Canberra]: National Museum of Australia, 2004, pp. 88-103 [Online]. Available:
<http://ssgreatbritain.org/sites/default/files/kcfinder/files/brunel-institute/modelling-corrosion.pdf>

[39]

G. Thomson, 'Light Part I', in *The museum environment*, 2nd ed., vol. Butterworth series in conservation and museology, London: Butterworths in association with the International Institute for Conservation of Historic and Artistic Works, 1986, pp. 2–64 [Online]. Available: <https://contentstore.cla.co.uk//secure/link?id=ea25d828-6936-e711-80c9-005056af4099>

[40]

J. Ashley-Smith, 'Museum lighting – who is it for?', *Museum practice*, vol. 14, pp. 46–48, 2000 [Online]. Available: <https://contentstore.cla.co.uk//secure/link?id=80652d4e-4b36-e711-80c9-005056af4099>

[41]

J. Ashley-Smith, 'Light entertainment.', in *Risk assessment for object conservation*, Oxford: Butterworth-Heinemann, 1999, pp. 226–245 [Online]. Available: <https://contentstore.cla.co.uk//secure/link?id=eb25d828-6936-e711-80c9-005056af4099>

[42]

J. Ashley-Smith, A. Derbyshire, and B. Pretzel, 'The continuing development of a practical lighting policy for works of art on paper and other object types at the Victoria and Albert Museum', in *13th Triennial Meeting, Rio de Janeiro, 22-27 September 2002: preprints*, London: James & James, 2002, pp. 3–8.

[43]

N. S. Brommelle, 'The Russell and Abney Report on the Action of Light on Water Colours', *Studies in Conservation*, vol. 9, no. 4, Nov. 1964, doi: 10.2307/1505213.

[44]

L. Bullock and D. Saunders, 'Measurement of cumulative exposure using Blue Wool standards', in *12th triennial meeting, Lyon, 29- August-3 September 1999*, London: James & James (Science Publishers) Ltd, 1999, pp. 21–26.

[45]

H. Römich, G. Martin, B. Lavedrine, and M. Bacci, 'LightCheck®: A New Tool in Preventive Conservation', *V & A conservation journal*, no. 47, pp. 17–18 [Online]. Available: <http://www.vam.ac.uk/content/journals/conservation-journal/issue-47/lightcheck-a-new-tool-in-preventive-conservation/>

[46]

Schaeffer, Terry T., *Effects of light on materials in collections: data on photoflash and related sources*, vol. *Research in conservation*. Los Angeles: Getty Conservation Institute, 2001.

[47]

S. Staniforth, 'Light and environmental measurement in National Trust houses', in *Care of collections*, vol. *Leicester readers in museum studies*, London: Routledge, 1994, pp. 117–122.

[48]

'Research - Environment - Shedding light on cultural heritage'. .

[49]

'LightCheck : Technical Specifications'. .

[50]

Blades, Nigel and Museums Association, *Guidelines on pollution control in museum buildings*. London: Museums Association, 2000 [Online]. Available: <http://eprints.ucl.ac.uk/2443/1/2443.pdf>

[51]

Hatchfield, Pamela, *Pollutants in the museum environment: practical strategies for problem solving in design, exhibition and storage*. London: Archetype, 2002.

[52]

Tetreault, Jean and Canadian Conservation Institute, Airborne pollutants in museums, galleries, and archives: risk assessment, control strategies, and preservation management. Ottawa: Canadian Conservation Institute, 2003.

[53]

Brimblecombe, Peter, The effects of air pollution on the built environment, vol. Air pollution reviews. London: Imperial College Press, 2003.

[54]

Brimblecombe, Peter, 'Wool and reduced sulphur gases in museum air', Studies in Conservation, vol. 37, no. 1, pp. 53-60 [Online]. Available: <http://www.ingentaconnect.com/content/maney/sic/1992/00000037/00000001/art00006;jsessionid=13nhvfdevgn7u.alice>

[55]

GREEN, LR ; THICKETT, D, 'TESTING MATERIALS FOR USE IN THE STORAGE AND DISPLAY OF ANTIQUITIES - A REVISED METHODOLOGY', Studies in Conservation, vol. 40, no. 3, pp. 145-152.

[56]

Grzywacz, Cecily M., Monitoring for gaseous pollutants in museum environments, vol. Tools for conservation. Los Angeles, Calif: Getty Publications, 2006.

[57]

C. M. Grzywacz and N. H. Tennent, 'Pollution monitoring in storage and display cabinets: carbonyl pollutant levels in relation to artifact deterioration', in Preventive conservation: practice, theory and research : preprints of the contributions to the Ottawa Congress, 12-16 September 1994, London: International Institute for Conservation of Historic and Artistic Works, 1994, pp. 164-170.

[58]

P. B. Hatchfield and J. M. Carpenter, 'The problem of formaldehyde in museum collections', *International Journal of Museum Management and Curatorship*, vol. 5, no. 2, pp. 183–188, 1986, doi: 0260-4779(86)90048-8. [Online]. Available: <http://www.sciencedirect.com/science/article/pii/0260477986900488>

[59]

Lee, L. R., Thickett, D., and British Museum, *Selection of materials for the storage or display of museum objects*, vol. Occasional paper / British Museum. London: Department of Conservation [British Museum], 1996 [Online]. Available: http://www.britishmuseum.org/pdf/OP_111%20selection_of_materials_for_the_storage_or_display_of_museum_objects.pdf

[60]

H. Lloyd, K. Lithgow, P. Brimblecombe, Y. H. Yoon, K. Frame, and B. Knight, 'The effects of visitor activity on dust in historic collections', *The Conservator*, vol. 26, no. 1, pp. 72–84, Jan. 2002, doi: 10.1080/01410096.2002.9995179.

[61]

H. Lloyd, C. M. Grossi, and P. Brimblecombe, 'Low-technology dust monitoring for historic collections', *Journal of the Institute of Conservation*, vol. 34, no. 1, pp. 104–114, Mar. 2011, doi: 10.1080/19455224.2011.566131.

[62]

B. Pretzel, 'Predicting risks to artefacts from indoor climates'. pp. 1–10 [Online]. Available: <http://icom-cc-publications-online.org/PublicationDetail.aspx?cid=a9501bf3-e5ef-43ae-93d6-e80014fdf922>

[63]

Raychaudhuri, Michele R., 'Formaldehyde Oxidation and Lead Corrosion', *Studies in Conservation*, vol. 45, no. 4, pp. 226–232 [Online]. Available: <http://www.ingentaconnect.com/content/maney/sic/2000/00000045/00000004/art00002>

[64]

Richard, Mervin, Merrill, Ross M., Mecklenburg, Marion F., and National Gallery of Art (U.S.), *Art in transit: handbook for packing and transporting paintings*. Washington: National Gallery of Art, 1991 [Online]. Available: http://si-pddr.si.edu/dspace/bitstream/10088/8127/1/mci_Art_in_Transit_Handbook_for_Packing_and_Transporting_Paintings.pdf

[65]

Robinet, Laurianne ; Thickett, David, 'A New Methodology for Accelerated Corrosion Testing', *Studies in Conservation*, vol. 48, no. 4, pp. 263–268.

[66]

M. Stirlic and et al., 'Test for compatibility with organic heritage materials - a proposed procedure', *e-Preservation Science*, vol. 7, pp. 78–86, 2010 [Online]. Available: <http://www.morana-rtd.com/e-preservation-science/2010/Strlic-15-05-2010.pdf>

[67]

J. Tetreault, 'Guidelines for pollutant concentrations in museums', *CCI Newsletter*, vol. 31, 2003 [Online]. Available: <http://www.cci-icc.gc.ca/cci-icc/about-apropos/nb/nb31/pollutants-eng.aspx>

[68]

Thomson, Garry and International Institute for Conservation of Historic and Artistic Works, *The museum environment*, 2nd ed., vol. Butterworth series in conservation and museology. London: Butterworths in association with the International Institute for Conservation of Historic and Artistic Works, 1986, pp. 130–162.

[69]

R. Waller, 'Internal pollutants, risk assessment and conservation priorities', in 12th triennial meeting, Lyon, 29- August-3 September 1999, London: James & James (Science Publishers) Ltd, 1999, pp. 113–118.

[70]

'The IMPACT pollution model' . .

[71]

Stolow, Nathan, Conservation and exhibitions: packing, transport, storage and environmental considerations, vol. Butterworths series in conservation and museology. London: Butterworths, 1987.

[72]

Watkinson, David, Neal, Virginia, United Kingdom Institute for Conservation of Historic and Artistic Works, Rescue (Trust), and Museum of London, First aid for finds, 3rd ed. Hertford: RESCUE - The British Archaeological Trust; Archaeology Section of the UKIC; The Museum of London, 1998.

[73]

Rose, Carolyn L., Torres, Amparo R. de, and Society for the Preservation of Natural History Collections, Storage of natural history collections: ideas and practical solutions. Pittsburgh, Pa: Society for the Preservation of Natural History Collections, 1992.

[74]

'6: Handling, packing and shipping.', in National Park Service - Museum Management Program, [Online]. Available:
<http://www.cr.nps.gov/museum/publications/MHI/mushbkl.html>

[75]

Stolow, Nathan, Conservation and exhibitions: packing, transport, storage and environmental considerations, vol. Butterworths series in conservation and museology. London: Butterworths, 1987.

[76]

Watkinson, David, Neal, Virginia, United Kingdom Institute for Conservation of Historic and Artistic Works, Rescue (Trust), and Museum of London, First aid for finds, 3rd ed. Hertford: RESCUE - The British Archaeological Trust; Archaeology Section of the UKIC; The Museum of London, 1998.

[77]

Rose, Carolyn L., Torres, Amparo R. de, and Society for the Preservation of Natural History Collections, Storage of natural history collections: ideas and practical solutions. Pittsburgh, Pa: Society for the Preservation of Natural History Collections, 1992.

[78]

National Park Service, 'Handling, packing and shipping', in Museum Handbook, Part 1: Museum Collections (web edition), [Online]. Available:
<http://www.cr.nps.gov/museum/publications/MHI/mushbkl.html>

[79]

Pinniger, David and Collections Trust, Pest management: a practical guide. Cambridge: Collections Trust, 2008.

[80]

Pinniger, David, Pest management in museums, archives and historic houses. London: Archetype, 2001.

[81]

Florian, Mary-Lou E., Heritage eaters: insects & fungi in heritage collections. London: James & James, 1997.

[82]

Kingsley, Helen and 2001, A Pest Odyssey (Conference), Integrated pest management for collections: proceedings of 2001: a Pest Odyssey. London: James & James, 2001.

[83]

V. Daniel, 'Papers from the 5th International Conference on Biodeterioration of Cultural Property, Sydney, 2001', AICCM bulletin, no. 28 [Online]. Available:
http://www.amonline.net.au/pdf/ICBCP5_papers.pdf

[84]

Selwitz, Charles, Maekawa, Shin, and Getty Conservation Institute, Inert gases in the control of museum insect pests, vol. Research in conservation. Los Angeles, Calif: Getty Conservation Institute, 1998.

[85]

T. Ambrose and C. Paine, 'Unit 23: Museum Showcases', in Museum basics, vol. Heritage: Care-Preservation-Management Series, London: ICOM in conjunction with Routledge, 1993, pp. 82–84 [Online]. Available:
<https://contentstore.cla.co.uk//secure/link?id=0971e468-5136-e711-80c9-005056af4099>

[86]

H. Ganiaris and D. Sully, 'Showcase construction: Materials and methods used at the museum of London', *The Conservator*, vol. 22, no. 1, pp. 57–67, Jan. 1998, doi: 10.1080/01410096.1998.9995128.

[87]

M. Cassar, 'The environmental performance of showcases', *Preventive conservation: practice, theory and research : preprints of the contributions to the Ottawa Congress, 12-16 September 1994*, pp. 171–173, 1994.

[88]

B. Stanley, A. Xavier-Rowe, and B. Knight, 'Displaying the wernher collection: A pragmatic approach to display cases', *The Conservator*, vol. 27, no. 1, pp. 34–46, Jan. 2003, doi: 10.1080/01410096.2003.9995188.

[89]

'The Fitzwilliam Museum : Conserving Ancient Egypt'. [Online]. Available:
<http://www.fitzmuseum.cam.ac.uk/dept/ant/egypt/conservation/>

[90]

Anon, 'Working Knowledge: Emergency Planning', *Museum practice*, no. Spring 2005, pp. 43-59.

[91]

Long, Jane S., Heritage Preservation (Organization), and Heritage Emergency National Task Force (U.S.), *Field guide to emergency response*. [Washington, D.C.?]: Heritage Preservation, 2006.

[92]

J. Hunter, 'Museum Disaster Preparedness Planning', in *Care of collections*, vol. *Leicester readers in museum studies*, London: Routledge, 1994, pp. 272-288 [Online]. Available: <http://www.vlebooks.com/vleweb/product/openreader?id=UCL&isbn=9780203974711>

[93]

East Midlands Museums Service, *Museum & records office emergency manual*. Nottingham: East Midlands Museums Service, 1991.

[94]

B. G. Jones, 'Experiencing Loss', in *Care of collections*, vol. *Leicester readers in museum studies*, London: Routledge, 1994, pp. 240-245.

[95]

Dorge, Valerie and Jones, Sharon L., *Building an emergency plan: a guide for museums and other cultural institutions*. Los Angeles: Getty Conservation Institute, 1999 [Online]. Available: http://www.getty.edu/conservation/publications_resources/pdf_publications/emergency.html

[96]

'Emergency Response and Salvage Wheel'. .

[97]

'The Emergency Response and Salvage Wheel: Newsletter 12.2 Summer 1997' . .