

Additional readings:

AGENTS OF DETERIORATION (GENERAL)

Chapter 4: Museum Collections Environment, NPS HANDBOOK
<http://www.cr.nps.gov/museum/publications/MHI/CHAP4.pdf>

History of the CCI Agents of Deterioration
<http://palimpsest.stanford.edu/byform/mailling-lists/cdl/2003/0508.html>

Department of Interior, Departmental Manual, Museum Property Handbook (41 pp.)
<http://museums.doi.gov/policy/pdf/mphi-5.pdf>

IZIKO: South African Museum Entomology Collections Manual
Agents of Deterioration
http://www.museums.org.za/sam/muse/entman/b_agents.html
<http://www.museums.org.za/sam/collect/life/ento/manual/b3agents.htm>

The Agents of Deterioration and You
Science Museum of Minnesota
<http://www.smm.org/research/Conservation/agents/top.php>
Light: <http://www.smm.org/research/Conservation/agents/light.php>

A useful example of how a museum's web page can educate its public on the importance of preservation.

Collection Conservation, Canadian Museum of Nature
http://www.nature.ca/collections/conservation_e.cfm
10 Agents of Deterioration on one page, Canadian Museum of Nature
http://www.nature.ca/collections/conserv_photo_e.cfm

Video Clips: Extreme Deterioration: Minerals from Light or Relative Humidity (two clips)

http://www.nature.ca/collections/conserv_e.cfm#sidebar1

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MONITORING

Hygrothermographs for Temperature and Relative Humidity Monitoring
http://www.nature.ca/research/cmrc_e.cfm#sidebar1

Blue Wool Standard for Light Monitoring
http://www.nature.ca/collections/conservation_e.cfm#sidebar2

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MUSEUM 202: STORAGE FOR INFINITY: MUSEUM STORAGE FACILITIES AND FURNITURE

LIGHT

Light: <http://www.collectioncare.org/ci/cciel.html>

Controlling & Monitoring Light Damage: <http://www.collectioncare.org/ci/ccielm.html>

RELATIVE HUMIDITY AND TEMPERATURE

Relative Humidity and Temperature: <http://www.collectioncare.org/ci/ccier.html>

Monitoring Temperature and Relative Humidity:

<http://www.collectioncare.org/ci/ccierm.html>

POLLUTANTS & PARTICULATES

Pollutants & Particulates: <http://www.collectioncare.org/ci/cciepo.html>

Monitoring Pollutants & Particulates: <http://www.collectioncare.org/ci/cciepm.html>

PESTS

Pest Identification: <http://www.collectioncare.org/ci/ccipi.html>

Pest Control: <http://www.collectioncare.org/ci/ccip.html>

Pest Monitoring: <http://www.collectioncare.org/ci/ccipm.html>

Control: <http://www.collectioncare.org/ci/ccipc.html#anox>

ABOUT THE MUSEUM RESOURCE CENTER

Agents of Deterioration

Enemies of Preservation

<http://www.nps.gov/mrc/about/agents.htm>

Pests: <http://www.nps.gov/mrc/reader/bugs.htm>

Pest Busters (The Textile Museum)

<http://www.textilemuseum.org/care/brochures/pestbusters.htm>

RISK ASSESSMENTS

Risk Assessment Seminars by Rob Waller

(a seminar could be brought to your institution)

http://www.nature.ca/collections/conserv_e.cfm

http://www.nrm.se/pz/lets/lets_waller.html.en

http://www.nature.ca/museum/press/2002/pr02-07-03_natawrd_e.cfm

Security! Don't be too alarmed...

A slide show about museum-wide risk assessments

<http://www.euronova.freeserve.co.uk/MuseumSecurityRiskAssessment/>

Risk Management Policy, pages 4-6 show a risk matrix

The Royal Airforce Museum

[http://www.rafmuseum.org.uk/hendon/policy&performance/documents/collecting_policy/Risk%20Management%20Policy%20\(v1%20live\).pdf](http://www.rafmuseum.org.uk/hendon/policy&performance/documents/collecting_policy/Risk%20Management%20Policy%20(v1%20live).pdf)

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DISASTER PREPAREDNESS

Guidelines for Disaster Preparedness in Museums (ICOM)

http://icom.museum/disaster_preparedness.html

Risk Assessment outline: <http://icom.museum/guide12A.html>

Emergency Preparedness: <http://www.collectioncare.org/cci/cciep.html>

Getting Prepared: <http://www.collectioncare.org/cci/cciepg.html>

Planning: <http://www.collectioncare.org/cci/cciepgp.html>

Recovery: <http://www.collectioncare.org/cci/cciepr.html>

(There are more sections from these NSCC pages including: Kits, Staff Training, Staff and Psychology, Flood, Mold, War, Earthquake, Fire, Volcanoes, High Winds, Bibliography and Links)

Additional Resources (not on-line)

Herbarium Rules!

Handling guidelines for herbarium researchers in comic book form so that researchers will read and understand herbarium use guidelines. Combines cartoons by Joe Ollman and the conservation expertise of the Canadian Museum of Nature's Collection Manager, Mike Shchepanek and Chief Conservator, Rob Waller in a rule book that visitors will love to read again and again. Herbarium Rules! can be customized for your Herbarium with your institution's logo, introductory text and contact information.

Available from: http://www.nature.ca/prodserv/herbrules_e.cfm

Video: Canadian Museum of Nature. Collections at Risk/ Collections et risques, 1995. The Canadian Museum of Nature houses nearly 10 million specimens with a variety of conservation needs and risks. The video demonstrates how Museum experts assess and manage risks to the collections and how those methods guide the Museum's collection preservation strategy. 10 minutes, 46 seconds. Price: \$14.95 . Language: English or French.

Can be purchased at: http://nature.ca/prodserv/cat/product_e.cfm?ID=52

Ashley-Smith, Jonathan. Risk Assessment for Object Conservation. (Butterworth-Hienemann) 1999.

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