

## Collections at Risk: Why you need a comprehensive collection care plan

Collections Care Network of the American Institute for Conservation of Historic and Artistic Works

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### Session supported by:





## About AIC

The American Institute for Conservation of Historic and Artistic Works (AIC) is the national membership organization supporting conservation professionals in preserving cultural heritage by establishing and upholding professional standards, promoting research and publications, providing educational opportunities, and fostering the exchange of knowledge among conservators, allied professionals, and the public.



### About CCN

- The Collection Care Network (CCN) is a network within AIC for all members who are interested in collection care
- Membership in AIC is open to everyone
- CCN is the voice for preventive care within AIC



### Meet Your Presenters

- Robert Waller
  President and Senior Risk Analyst
  Protect Heritage Corp.
- Lisa Elkin Chief Registrar and Director of Conservation American Museum of Natural History



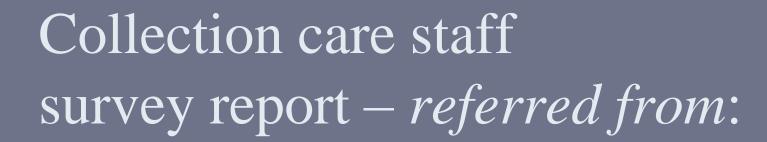
# A sampling of early CCN initiatives

- Collection care staff survey report
- Reaching out to related organizations
- Special session for SPNHC 2012
- Liaisons between organizations
- STASH
- AIC 2014 Sustainability and Preventive Conservation



# A sampling of early CCN initiatives

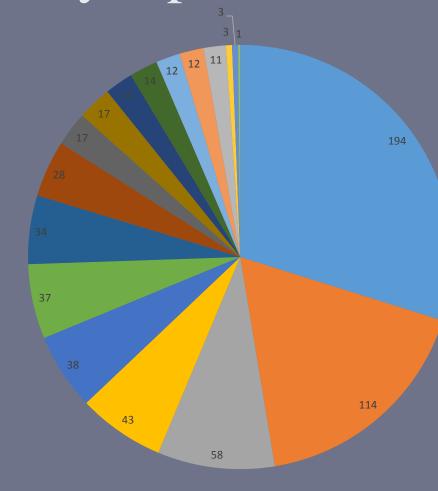
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colleague PACCIN CAC/CAPC Museumwise AIC Other SPNHC

# Collection care staff survey report – *we heard from*:

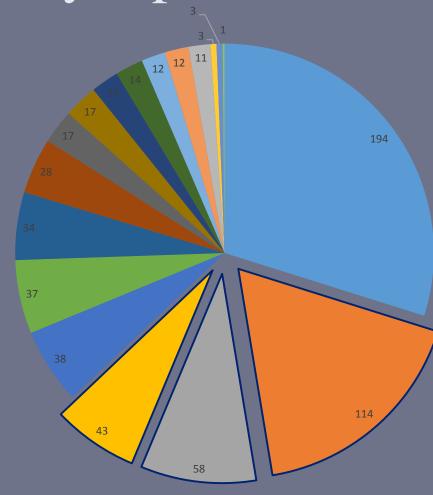


#### Conservator

- Collection Manager
- Collection [Care] Specialist
- Registrar
- Curator (including disciplines)
- Installer/Preparato
- Managers of Cons / Coll
- Technician
- Curatorial Assistant
- Librarian
- Museum Administrator
- Educators and Consultants
- Archivist
- Students (including interns)
- Museum Specialist
- Conservation Scientists
- Facilities, Architects, Engineers, etc.
- Board Member

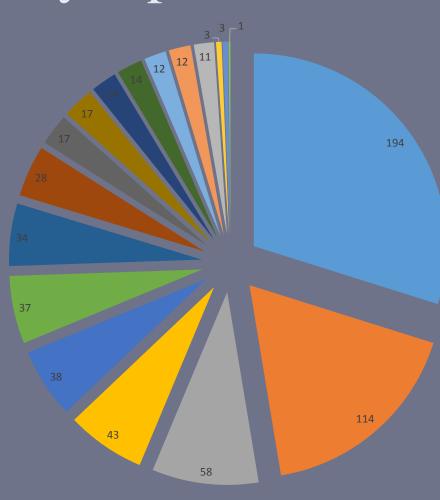


# Collection care staff survey report – *we heard from*:



Collection Manager Collection [Care] Specialist **Registrar** Managers of Cons / Coll Curatorial Assistant Museum Administrator Educators and Consultants Archivist **Students (including interns)** Museum Specialist Conservation Scientists Board Member

# Collection care staff survey report – *we heard from*:



**Conservator** Collection Manager Collection [Care] Specialist **Registrar Curator (including disciplines)** Installer/Preparator Managers of Cons / Coll **Technician** Curatorial Assistant Librarian Museum Administrator Educators and Consultants Archivist Students (including interns) Museum Specialist Conservation Scientists Facilities, Architects, Engineers, etc. Board Member

# Collection care staff survey report – *training needed*:



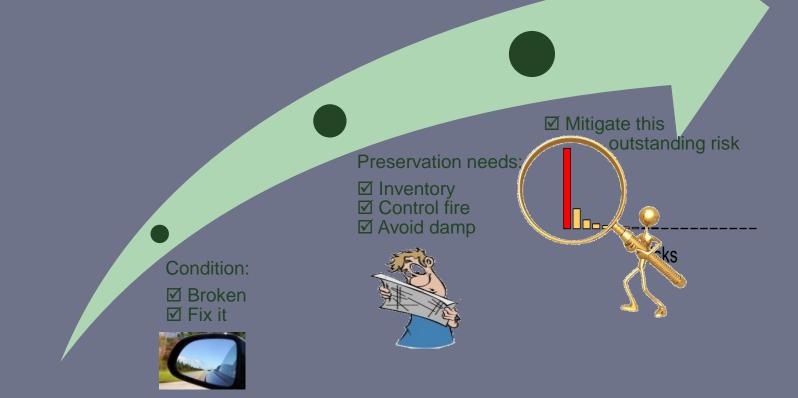


Skills are adequate | training needed

# Evolution of preservation management



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# What do I think the chances are?

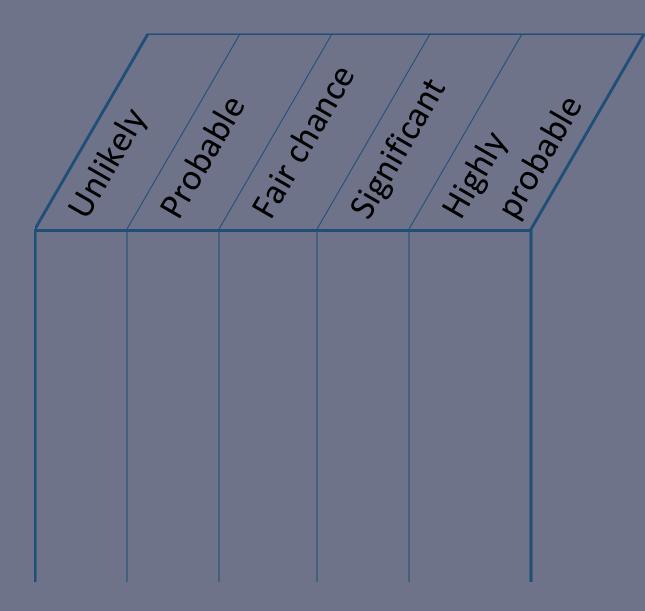
Coin toss – heads or tails?



- Unlikely
- Probable
- Fair chance
- Significant
- Highly probable



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## <u>Unlikely</u>



"unlikely that an accidental surface or subsurface oil spill would occur from the proposed activities."

BP's 52-page exploration plan for the Deepwater Horizon Well

Filed with the federal Minerals Management







## **Significant**



"due to the distance to shore (48 miles) and the response capabilities that would be implemented, no **significant** adverse impacts are expected."





CONSERVATION

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2015



2015

The Goal

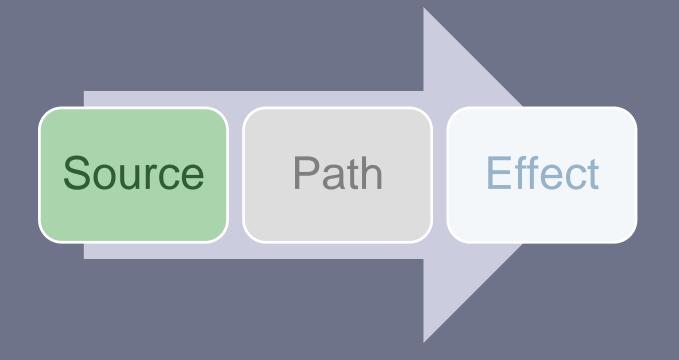
#### The Risks



2115



#### Define risks clearly





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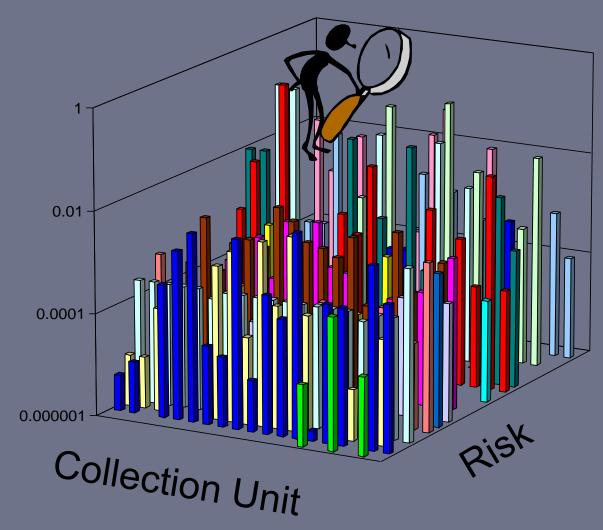
#### Magnitude of Risk MR

Part of collection value expected to be lost

#### www.conservation-us.org

### The Forest

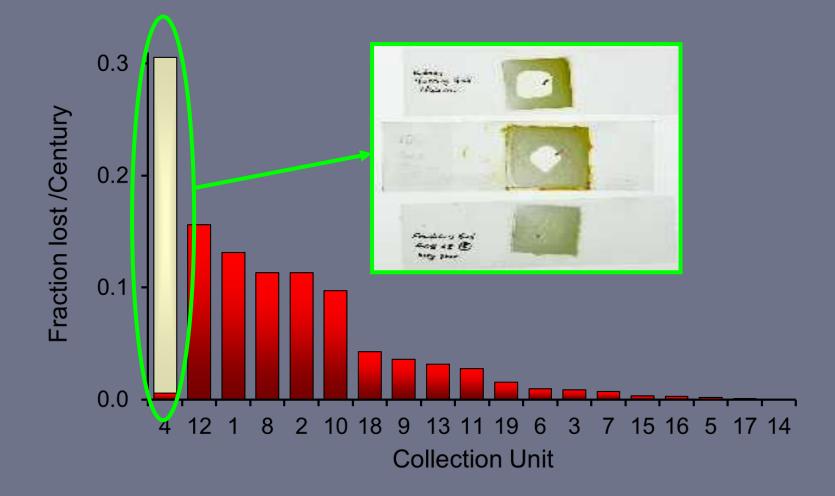






ARTISTIC WORKS

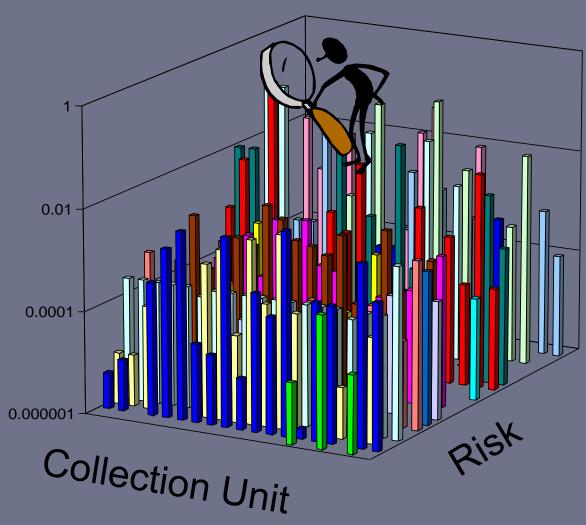




#### www.conservation-us.org

## The Forest



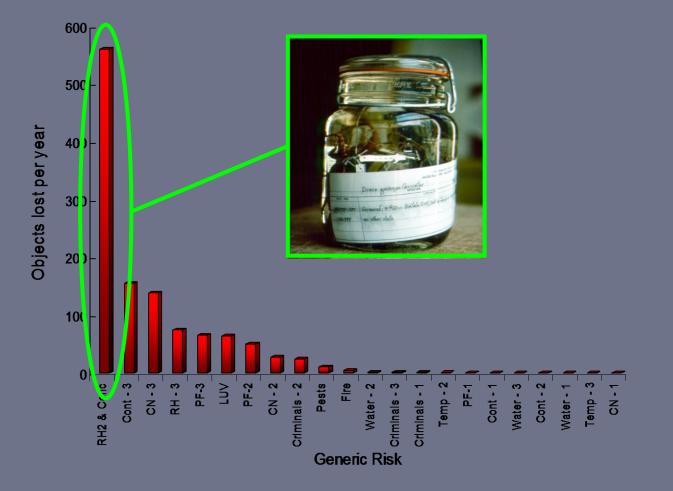




ARTISTIC WORKS

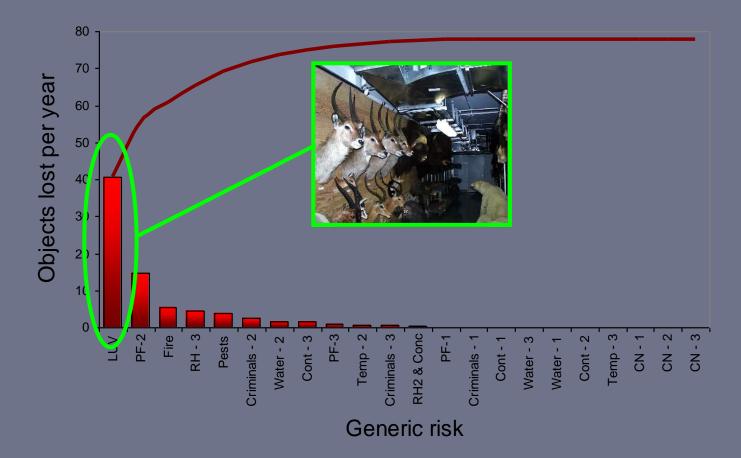


#### 1998 Total Risk to CMN Collection



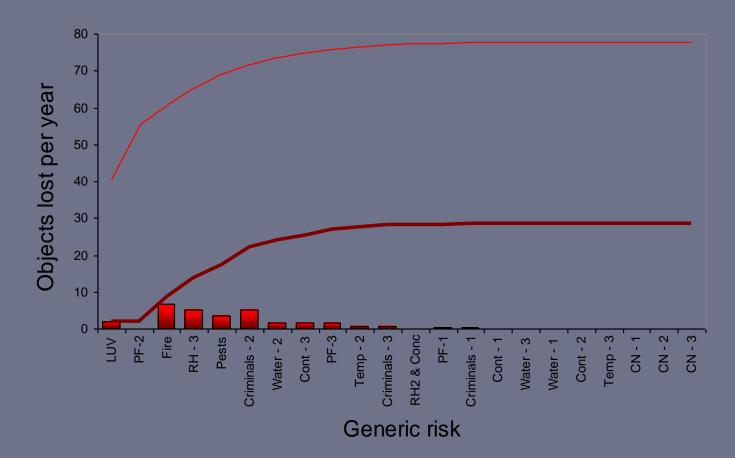


#### 1998 Facilities management share of risks





#### 2008 Projected Facilities share of risks



## Measure Risk Then Plan Preservation

Lisa Elkin American Museum of Natural History

#### New York Times, April 2, 2013

*'Pedestrians struck by cars are most often hit while in the crosswalk, with the signal on their side.'* 



#### New York Times, April 16, 2010

'Deadliest for Walkers: Male Drivers, Left Turns'



#### Physical Forces Type 1: Pedestrian hit by moving vehicle

#### **Preservation Strategies**

- Look both ways; even with the 'WALK' sign
- Stay alert Don't text while crossing
- Use sidewalks to the right of moving traffic
- Don't jay walk
- Stay away from left-turning men





#### **Standards Regarding Collections Stewardship**

- AAM: 'Regular assessment of, and planning for collection needs (development, conservation, risk management, etc.) takes place'
- U.S. National Park Service: 'Each Park and Center has identified threats to the security and protection of its museum collection'
- Museums Australia: 'All current and potential threats to the collection are identified through regular risk assessments



Australia

Museum Risk Management Everyone Else is Doin' It!

- Property Risk
- Income Risk
- Liability Risk
- Health and Safety
- Reputation
- Governance and Fiduciary Risks

Museum Risk Management Everyone Else is Doin' It!

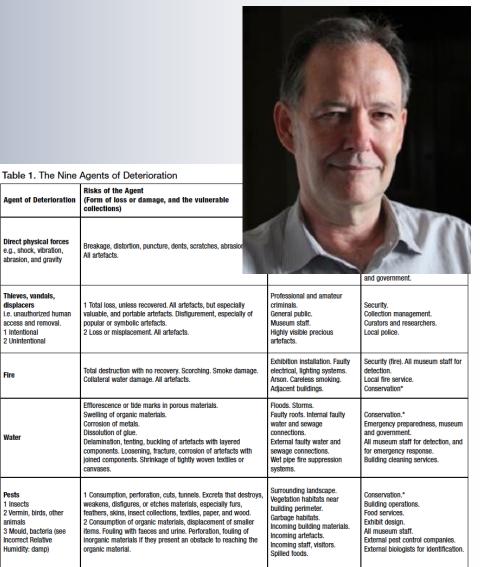
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## **Collections** Risk Management

Fire

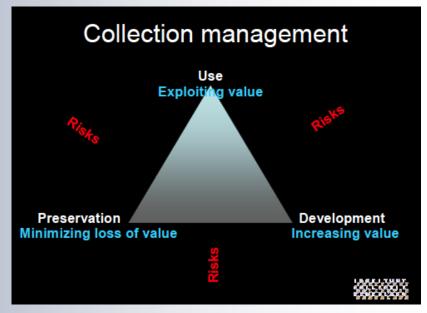
- Framework for **Preventive** Conservation, (Michalski, 1990)
- Cultural Property Risk **Analysis Model** (Waller, 2003)
- Collection Risk Management – The **Next Fronteir** (Brokerhoff, 2006)



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### **Collections Risk Management**

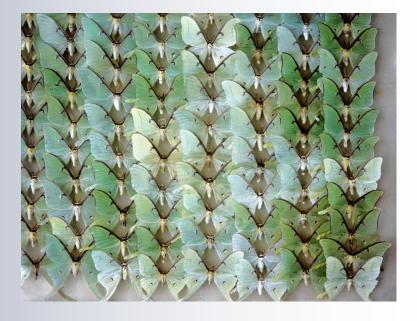
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'I fear that we have not been looking at the big picture in choosing best practice solutions to improve our situation as opposed to the tougher course of action: Risk Assessment.'

## Challenges: Choosing the Best Methodology

- Many methodologies to choose from:
  - Waller, CPRAM
  - National Park Service
  - CCI/Michalski (rank order approach)
- Must rely on collection of hard data, experience of staff & research in the field
- Must be applied consistently
- Must be systematic and comprehensive!



## Challenges - It's hard!

- Gain Support from Partners
  - Management
  - Collections
  - Facilities/Operations
- Educate Staff
- Make sure you have the right tools



## Challenges - Embrace your Risks!

- Museums must manage risks
- Eliminating and/or avoiding risk is not always possible





## **Benefits of the Process**

### Teamwork at its Best

- Provides a vehicle for staff buy in
- Shared Responsibility
- Prevents competition
- Extraordinary Opportunity for Data Capture





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## Summary

- Collection Risk Management is not only a skill, it's an attitude. Carry it with you.
- Get started: Soon is better than never. There's a lot of support out there.
- Stop fighting fires and muddling through!
- Begin to think in terms of value lost.
- Look at the bigger picture take a step back.





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## Reaching out ... in 2013







American Association for State and Local History













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## Special SPNHC 2012 Session on AIC Preventive Conservation



Special Issue: Preventive Conservation	
PrefaceLisa Elkin and Catharine Hawks 1	
Articles	
Resources for preventive conservation and collections care 	
The state of the art in cultural property risk analysis: Reflections on the Lisbon 2011 International Symposium and Workshop on Cultural Property Risk Analysis	
Research on energy savings in collections environments: A case study of Yale University's Sterling Memorial Library	
Jeremy Linden, James Reilly, and Peter Herzog 26	
Effectiveness of entomological collection storage cabinets in maintaining stable relative humidity and temperature in a historic museum building	
Patricia Gentili, Darnell Bell, Paula T. DePriest, Marion Mecklenburg, and Catharine Hawks 43	
Microfading: The state of the art for natural history collections Bruce Ford and Jim Druzik 54	
Defensible collections: Designing a safe exhibit space	
Jeffrey Hirsch and Casey Gallagher 72	
Application of preventive conservation to solve the coming crisis in collections managementJohn E. Simmons 89	



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## Liaisons ...



sign up now



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## STASH

A Textile-Hanging System Composed of Readily Av

Opitz, C., Collections Manager, Museum of Natural History, The University of Iowa, 11 Macbride (

#### Purpose

Best practices for long-term storage of flat textiles call for rolling them on arc hival tubes and suspending the tubes, to avoid damage to textile fibers caused by folding and stacking. A simple wall rack for hanging textiles can be built using materials that are available at most homeimprovement or hard ware stores.

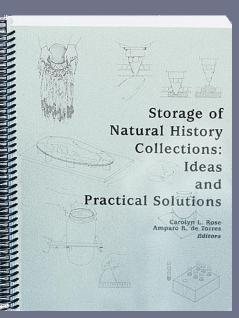
#### Description

This multi-row, textile-hanging system consists of wellmounted shelf standards, shelf brackets, closet poles, 4-bolts, and nuts from a local big-box home-improvement store. Each row of brackets can accommodate multiple poles, and each pole can accommodate one wide roll or multiple narrower rolls.

Materials, Tools & Supplies

- 2 dual-track, heavy-duty, powder-coated steel shelf standards
- Dual-track, powder-coated steelshelf brackets, 2 for each row desired
- Hollow, powder-coated steel closet poles, 1–4 for each row
- 5/16<sup>x</sup> J-bolts with hex nuts, 2 for each pole (available in 5<sup>x</sup> or 7<sup>x</sup> lengths)
- Additional 5/16<sup>e</sup> hex nuts, 2 for each pole
- Screws, for securing standards to the wall
- Screwdriver (manual onelectric)
- · Drill with metal bit
- Hacksaworpowersaw, metal blade (optional)







### STASH FLASH





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## CCN at AIC 2014



Meeting and discussions with liaisons Experiences with HVAC systems and lessons learned CCN technical session STASH FLASH Workshops proposed: Environmental monitoring Assessing risks to your collections

#### www.conservation-us.org

### Handout

### Selection of the Collection Care Network's Favorite Resources

ARCS Inaugural Conference, November 2, 2013

#### PRESERVATION ORGANIZATIONS

- American Institute for Conservation (AIC) <u>www.conservation-us.org</u>
- Heritage Preservation (HP) <u>http://www.heritagepreservation.org/</u>
- Institute for Museum & Library Services (IMLS) <u>http://www.imls.gov/</u>
- American Association for State and Local History (AASLH) <u>http://www.aaslh.org/</u>

#### ONLINE TOOLS

General Resources

- Heritage Preservation. 2005. A Public Trust at Risk: The Heritage Health Index Report on the State of America's Collections.
- AIC's Collection Care Network <u>www.conservation-us.org/collectioncare</u>
- Connecting to Collections Online Community <u>www.connectingtocollections.org</u>
- National Park Service
  - Conserve O Gram http://www.cr.nps.gov/museum/publications/conserveogram/cons\_toc.html
  - Museum Handbook <u>http://www.nps.gov/museum/publications/handbook.html</u>
- Canadian Conservation Institute
  - CCI Notes www.cci-icc.gc.ca/publications/notes/index-eng.aspx
  - Technical Bulletins Technical Bulletins www.cci-icc.gc.ca/publications/orderpub-commanderpub-eng.aspx
- Knole House Blog <u>http://knolenationaltrust.wordpress.com</u>

#### Assessments

- Protect Heritage <u>www.protectheritage.com</u>
- Heritage Preservation Risk Evaluation and Planning Program www.heritagepreservation.org/REPP/
- Benchmarks in Collection Care <u>www.collectionslink.org.uk</u>
- Conservation Assessment Program www.heritagepreservation.org/cap/index.html





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THANK YOU

