

- · Physical forces
- · Biological
- · Thieves and vandals
- · Chemical
- Fire
- Radiation
- Water
- · Incorrect relative
- · water
- humidity
- PLUS ONE:
- · Incorrect temperature
- · Disassociation



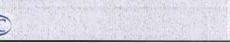


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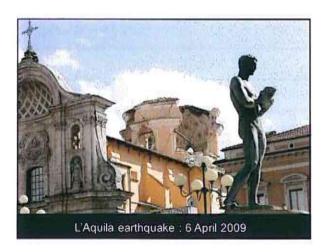
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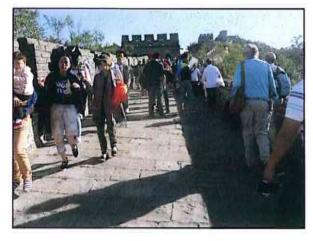
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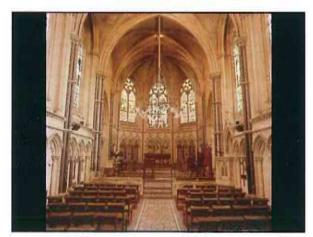
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Ten agents of deterioration

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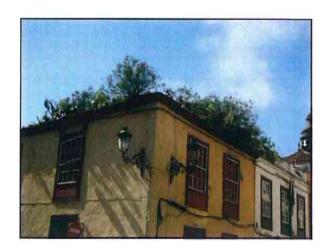












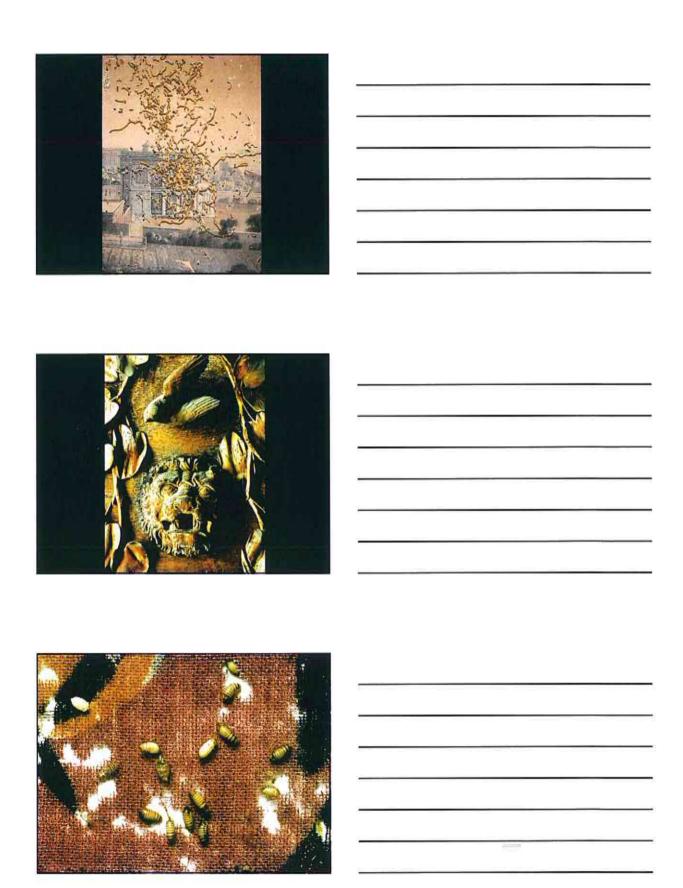
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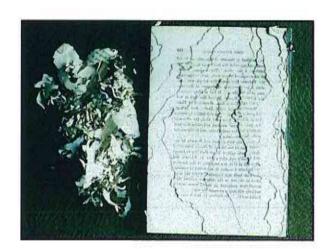


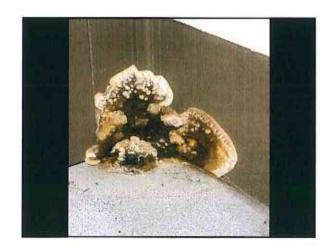












Ten agents of deterioration · Physical forces • Biological · Chemical · Thieves and vandals

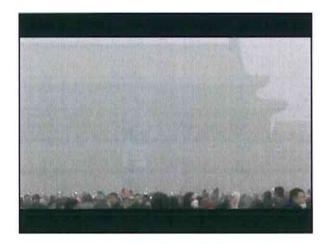
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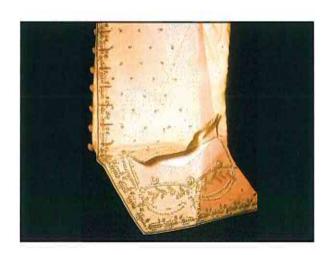


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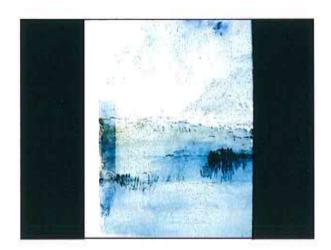
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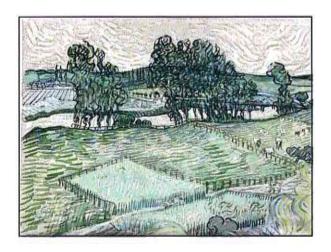


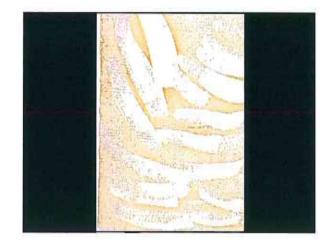


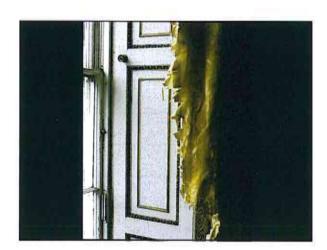


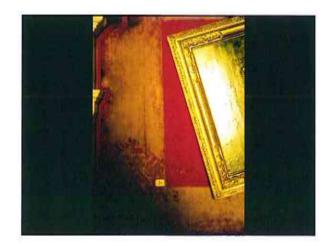


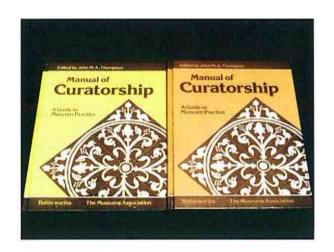


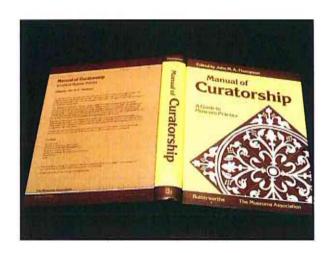




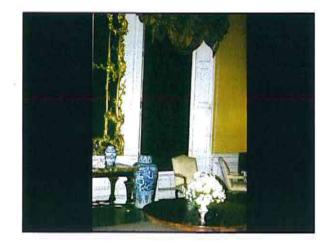


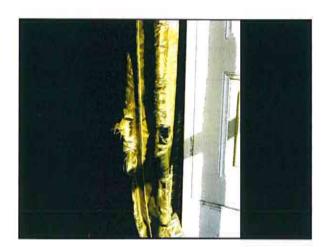


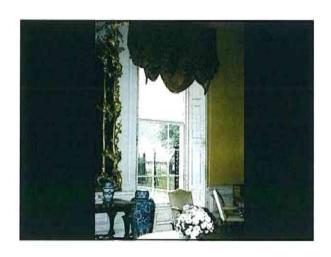


















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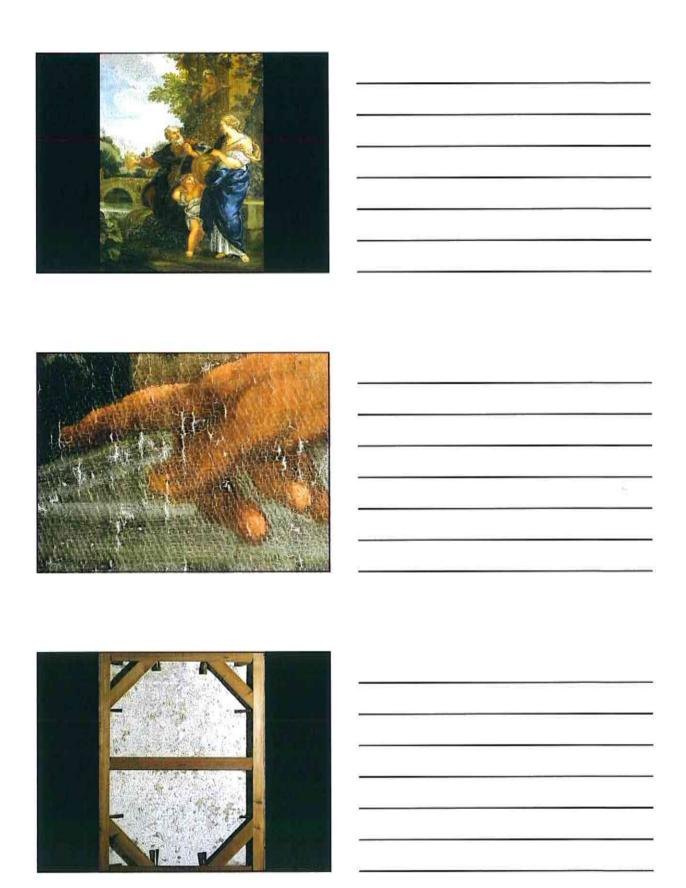
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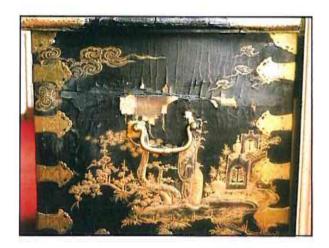














IIC/ICOM-CC Environmental Guidelines (2014)

- Sustainability and management

 Care of collections should be achieved in a way that does not assume air conditioning (HVAC). Passive methods, simple technology that is easy to maintain, air circulation and lower energy solutions should be considered.

 Risk management should be embedded in museum management processes.

*Museum Environment

Guidelines for environmental conditions for permanent display and storage should be achievable for the local climate.



Bizot Green Protocol (2015)

Loans

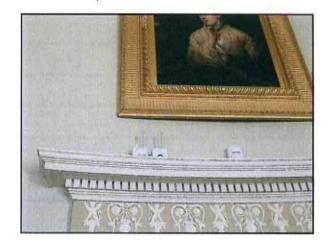
For many classes of object containing hygroscopic material (such as canvas paintings, textiles, ethnographic objects or animal glue) a stable relative humidity (RH) is required in the range of 40 - 60% and a stable temperature in the range 16-25°C with fluctuations of no more than ±10% RH per 24 hours within this range.

More sensitive objects will require specific and tighter RH control, depending on the materials, condition, and history of the work of art. A conservators evaluation is essential in establishing the appropriate environmental conditions for works of art requested for loan.







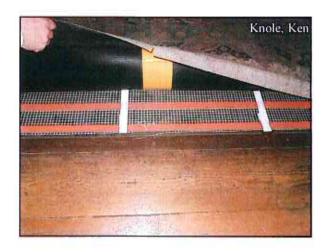














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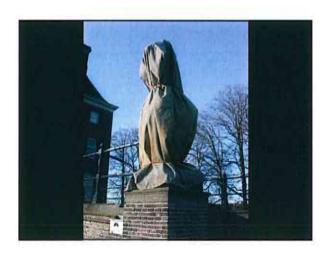
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IIC Professional Seminar Sustainable Storage

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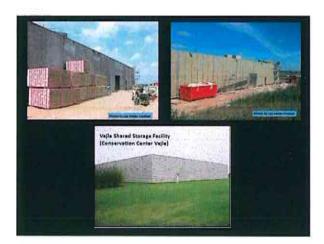
NA Complete of 15 Comp Street, London JUST 1844 (Section of 18 1994); Sold Company of 18 1994; Sold Company of 18 1994; Sold Company of 18 1994 (Section of 18 1994); Sold Company of 18 1994; Sold

A low energy museum store has

- · Highly insulated walls and roof
- . Concrete floor without thermal insulation (heat storage)
- · No active heating
- · Humidity buffer in walls
- Humidity control by dehumidification (may be powered by solar panels)
- Low infiltration rate, no forced ventilation
- No daylight allowed

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Preventive conservation

- Conservators can be the enablers of sustainable access
- · Welcome the benefits of increased access
 - Help financial bottom line
 - Allow more people to share in experience of seeing authentic objects in context
- · Use risk assessment and risk management





Agenda 9.00 Introduction and agents of deterioration quiz 9.30 Group work – preventive conservation issues for your collections and feedback 10.15 Lecture 10.45 Break 11.00 Lecture 11.30 Q&A 11.45 Planning practical exercise

