



International Course on Stone Conservation SC13

SESSION: Practical Repair Options

INSTRUCTOR: David Odgers

TIME: Thursday, 30th May/ 9:30 – 11:00 (1.5 hours) & 11:30 – 13:00 (1.5 hours)

SESSION OUTLINE

ABSTRACT

This session will explain the framework for decision making on methods of repair – with particular focus on architectural stonework. It will highlight the requirement that any intervention should be based on the diagnosis of deterioration and that the extent of any repair is based on the maximum retention of historic fabric.

It will aim to describe the practical options available such as complete replacement, partial indenting, pointing, protective mortar repair as well as the consequences of no treatment. The advantages and disadvantages of each method will be discussed and contexts will be suggested where they might be appropriate. Using examples (including those suggested by the participants), the group will learn to assess the options and select that which requires the minimum intervention to achieve the desired results.

OBJECTIVES

To understand the range of repair options that are available and to be able to make choices based on sound practical and ethical considerations


CONTENT OUTLINE

- Establishing need for repair;
- practical and ethical considerations that need to be addressed;
- historical interpretations of repair;
- current options for repair;
- choice and availability of materials;
- detailed consideration of techniques and when they are appropriate including consequences for future decay;
- workmanship;
- type of finish.

READINGS

 = Essential reading material

 = Available online

 Ashurst, John, and Francis G. Dimes. 1990. Chapters 1, 3, 4, 9 and 11. In *Conservation of building and decorative stone*, Butterworth-Heinemann series in conservation and museology. London: Boston: Butterworth-Heinemann.



SESSION OUTLINE CONT'D

Ashurst, John. 2007. *Conservation of ruins*. 1st ed., Butterworth-Heinemann series in conservation and museology. London ; Burlington, Mass.: Butterworth-Heinemann.

Henry, Alison. 2006. *Stone Conservation: Principles and Practice*. Shaftesbury: Donhead.

Powys, A. R., and Society for the Protection of Ancient Buildings (London England). 1929. *Repair of Ancient Buildings*. London: J.M. Dent & Sons, Ltd.

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