



# International Course on Stone Conservation SC13

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**SESSION:** Stone matching and selection

**INSTRUCTOR:** Graham Lott

**DATE/TIME:** Tuesday, 23<sup>rd</sup> April/ 14:30 -16:00 (1.5 hours) & 16:30-18:00 (1.5 hours)

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## SESSION OUTLINE

### ABSTRACT

The process of stone matching and repair in a building or structure is the final phase of any stone conservation programme. At this point all the information necessary concerning the stonework to be conserved should be available to the conservator to enable the most appropriate decision(s) to be made.

### OBJECTIVES

To review and restate the importance of establishing a systematic approach to the conservation, repair or replacement of the failed stonework using the approach and data-types considered during the earlier sessions.

### CONTENT OUTLINE


General review of the steps to be considered before undertaking a conservation repair:


1. Has a 'professional' petrographic identification of the failed stone been carried out?
2. Has the provenance (source) of the original stone been successfully determined?
3. Is the original stone still available in the current marketplace?
4. If not available and whether the original quarry source is accessible for possible new stone extraction (determine what volume of stone is needed).
5. If the original quarry source is not accessible, identify whether other suitable matching replacement stone is available in the marketplace.
6. Source the new stone.
7. Carry out the conservation/repair using professionally trained stone conservators.

### READINGS

 = Essential reading material

 = Available online

 Odgers, D. & Henry, A. (eds) 2011. *Practical Building Stone Conservation: Stone*. English Heritage.

 Hyslop, Ewan. 2007. *Sourcing and Selection of Stone for Repair*. In *Stone Conservation: Principles and Practice*. Shaftesbury: Donhead. 89-99

Shadmon, A. 1996. (2nd Edition). *Stone: an introduction*. ITDC Publishing

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