



International Course on Stone Conservation SC13

SESSION: Cimitero Acattolico – in situ examination, sampling & treatment tests

INSTRUCTOR: Ornella Salvadori

TIME: Monday, 27th May/ 14:30-16:00 (1.5 hours) & 16:30-18:00 (1.5 hours)

SESSION OUTLINE

ABSTRACT

The systematic observation of the monument will enable us to identify the different types of biological growth present. We will then discuss the appropriate terminology to describe what we have observed. After preliminary observations and selection of terminology, we will record the distribution of surface biocolonization and interpret their pattern(s) as they relate to environmental factors favouring their presence (exposure, rain washing, height, etc.). Once we have determined our analytical objectives, participants will practice different sampling techniques according to the presence and type of macro and micro-organisms.

OBJECTIVES

Through on site observations, participants will learn to identify the biodeteriogens present (e.g. lichens, plants) and the alterations which can be ascribed to microbiological origins on the basis of their appearance and their distribution on stone surface. Participants will learn to map biodeteriogens as a component of condition assessment mapping and will learn how to take samples in the most suitable way according to the type of organisms and/or microorganisms.

READINGS

 = Essential reading material

 = Available online

  Vergès-Belmin, Véronique, ed. 2008. *Illustrated Glossary on Stone Deterioration Patterns = Glossaire illustré sur les formes d'altération de la pierre*. English-French ed, Monuments & Sites no. 15. Paris: ICOMOS and (ISCS) International Scientific Committee for Stone.
http://www.icomos.org/publications/monuments_and_sites/15/pdf/Monuments_and_Sites_15_ISCS_Glossary_Stone.pdf

 UNI Ente nazionale italiano di unificazione = UNI - Italian Organization for Standardization. 2006. *UNI 11182 Beni culturali Materiali lapidei naturali ed artificiali: Descrizione della forma di alterazione Termini e definizioni = Cultural Heritage: Natural and Artificial Stone: Description of the Alteration: Terminology and Definition*. Milano and Roma: UNI Ente nazionale italiano di unificazione.

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