

INDAGINI GEOTECNOLOGICHE PER IL MONITORAGGIO E LA TUTELA ARCHITETTONICO-ARCHEOLOGICA DEL SITO DI CENCELLE (TARQUINIA, VT) AL FINE DI PROFILARE METODI INNOVATIVI DI CONSERVAZIONE PROGRAMMATA.

ANDREA FANTINI

Tecnostudi Ambiente S.r.l.

E-mail: andrea.fantini@tecnostudiambiente.it

PAOLO SARANDREA

Tecnostudi Ambiente S.r.l.

E-mail: paolo.sarandrea@tecnostudiambiente.it

GIORGIA MARIA ANNOSCIA,

“Sapienza” Università di Roma

E-mail: giorgia.annoscia@uniroma1.it

FRANCESCO MOSCHETTO

“Sapienza” Università di Roma

E-mail: fra.moschetto@gmail.com

Abstract

The archaeological site of Cencelle (Tarquinia, VT) requires adequate documentation for planned conservation. This study proposes an interdisciplinary protocol that combines multi-sensor surveys from UAVs with traditional investigations, using technologies such as photogrammetry, thermography and laser scanning. The result is a 4D digital model of the site, useful for conservation planning and effective management of archaeological evidence. The integration of new technologies and traditional methods proves to be crucial for the sustainable management of archaeological sites, protecting Cultural Heritage and ensuring the use of the site for future generations.

Keywords: *Cencelle (VT); Archeology; Planned conservation; Technological applications*