STATO ATTUALE DELLE CAVE DI PIETRA CADUTA (CANOSA DI PUGLIA)

G. Baldassarre¹, N. Florio²

¹ Dipartimento di Geologia e Geofisica, Università di Bari, Bari, Italia
² Geotek, Bari, Italia

The area of Pietra Caduta, located south of Canosa di Puglia (Ba) is characterised by the presence of a great number of calcarenite quarries; rocks here quarried have been used from centuries for both urban and rural buildings as testified by the presence in the area of tombs, castles, monumental churches and manor houses. Quarrying activities of stones is no longer active from some decades, now. In this work, it is described a research carried out to the purpose of reporting about the present state of the mentioned quarries through the analysis of both existing biblio-cartographic literature and new acquired data from field surveys. Information obtained have been implemented with a GIS software in order to build an informative database and to create a Map of Degradation susceptible Zones in scale 1:10000, where the area is divided into zones with a different degradation level, which is a useful tool to plan a restoration of a site with a historical and archaeological huge importance.