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BACKGROUND

Geoarchaeologist at LARC since 2011, where where Ana Maria Costa is dedicated to the study, characterisation, and evolution of the landscape across various chronological periods, as well as to understanding the processes of formation and alteration of archaeological sites through sediments.

She holds a degree in Geology from University of Lisbon and a PhD in Prehistoric Archaeology from University of Cantabria, Spain.

GEOARCHAEOLOGY: the application of Geosciences to the knowledge of the Past



Abstract

Geoarchaeology is an essential discipline within Archaeology, as it applies the concepts and methods of the Geosciences to characterize the sedimentary context of archaeological sites and to accurately interpret the archaeological record, i.e., the traces left behind by Past societies. In addition, Geoarchaeology contributes to reconstructing the ancient landscapes experienced by our ancestors, to understanding how these evolved through time, and to identifying the role of human communities in the observed environmental changes.

The Lisbon Stories project is an example of Geoarchaeology applied to the reconstruction of the landscape. This project aims to understand the evolution of the estuarine coastal zone of Lisbon through the study of sediments collected along its margins and dated or chronologically attributed to different occupation periods of the city.

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