



## ABSTRACT SUBMISSION

# Urbanization and Environmental Response at Karkemish in the 3rd Millennium BC: Preliminary Results from the deep soundings in Areas AA and HH on the Acropolis

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## Abstract

Early urbanism in the northern Levant during the 4th and 3rd millennia BC is characterised by significant climatic changes around 5.9 and 4.2 ky BP and intensified human exploitation of the landscape. Using the Early Bronze Age stratigraphic sequence of Karkemish as a case study - thanks to excavations in the deep sounding of area AA and the step trench in area HH on the Acropolis - this paper aims to analyse the local adaptive responses to climate change at micro-local scales and to assess the anthropogenic impact on the environment. Through a multidisciplinary approach combining archaeology, bioarchaeology and material culture, the study aims to reveal different regional trajectories of development, from rural to urban, in the context of human-environment interactions.

## Keywords

Karkemish, material culture, stratigraphic sequence, early bronze Age, paleoenvironment

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