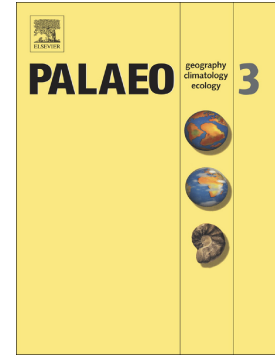


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A $\delta^{13}\text{C}$ and $\delta^2\text{H}$ leaf wax record from the Late Quaternary loess-paleosoil sequence El Paraíso, Central Spain

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Abstract

The Mediterranean Peninsula increasingly suffers from droughts and aridity, the first consequences of global climate change in that region. Precise scenarios for the region's future climate predictions require knowledge about the processes of past climate changes, but information about the Western Mediterranean climate and its history is controversial. For this study, we applied compound-specific $\delta^{13}\text{C}$ and $\delta^2\text{H}$ analyses on long-chain *n*-alkanes in the ~8 m El Paraíso loess-paleosoil sequence (LPS), Central Spain, to investigate climate and

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