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**Earth Sciences : Biogeosciences**

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# Patterns and Mechanisms of Climate, Paleoclimate and Paleoenvironmental Changes from Low-Latitude Regions

Proceedings of the 1st Springer Conference of the Arabian Journal of Geosciences (CAJG-1), Tunisia 2018

- Enhances the understanding of climate, paleoclimate and paleoenvironmental changes in the Mediterranean and surrounding regions
- Provides new insights on patterns of past and future climate/environmental evolutions
- Includes case studies showing how to use state-of-the-art tools and algorithms to reveal mechanisms of climate and environmental evolutions
- Discusses some aspects related to impacts and mitigation strategies of climate change
- Summarizes the latest data reconstructed from various paleoclimate and paleoenvironmental proxies

Middle East and Mediterranean region locates at a crossroad of global climatic patterns. The region is under the influence of a convergence of different maritime conditions which together with extensive adjacent land masses marked by extreme differences in topographical features transporting continental air masses lead to a diverse climate. This edited volume is based on the best papers accepted for presentation during the 1st Springer Conference of the Arabian Journal of Geosciences (CAJG-1), Tunisia 2018. It gives new insights on patterns and mechanisms of past, present and future climate/environmental changes mainly on Middle East and Mediterranean region by international researchers.

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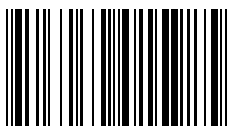
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