Special Issue

Mediterranean Palaeoecology and Palaeoclimatology

Message from the Guest Editors

This Special Issue aims to present how the Mediterranean climate, its seasonality, variability, and teleconnections, evolved under the different boundary conditions (insolation, ice volume and greenhouse gas concentration) of the last 2.6 million years. This Special Issue seeks to showcase the diversity of studies dealing with both long-term and rapid climate changes in the Mediterranean region, and exploring the response of terrestrial and marine species, habitats and ecosystems (including vegetation dynamics and fire regimes). Contributions based on novel and emerging methodological approaches including numerical modelling, presenting regional climate projections and implications for environmental resources, or exploring climate-environment-human interactions are welcome. We hope that this Special Issue will be a significant step towards unravelling regional environmental responses and their impacts on past populations, and *in fine* to a fundamental knowledge of the past, present and future Mediterranean climate and ecosystems.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

We live in a Quaternary world, that is, a world shaped by the interplay of the different compartments of the earth system—lithosphere, hydrosphere, atmosphere, biosphere, cryosphere—during the last ~2.6 million years. It is not possible to understand the current world—and, hence, to anticipate its possible future developments—without knowing the Quaternary history of drivers, processes, and mechanisms that have generated it. Our own species is an evolutionary outcome of the Quaternary performance. Therefore, the journal *Quaternary* is born with the aim of being an integrative journal to encompass all aspects of Quaternary science focused on understanding the complex world in which we live and to provide a sound scientific basis to anticipate possible future trends and inform environmental policies.

Editor-in-Chief

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