



Palynology for Sustainability: A Classical and Versatile Tool for New Challenges

Guest Editors:

Dr. Anna Maria Mercuri

Dr. Assunta Florenzano

Dr. Eleonora Clò

Dr. Gabriel Servera-Vives

Deadline for manuscript
submissions:
closed (30 November 2023)

Message from the Guest Editors

Palynology represents a landmark in multidisciplinary studies on both past and current environmental issues. This centennial discipline plays an important role not only in “basic research” on botanical taxonomy, phylogeny, reproductive biology, and phenology but also in “applied research” focused on the measurement of environmental variables, including food and air quality.

This issue aims to collect groundbreaking papers using palynology as a cornerstone for their research. Pollen, non-pollen palynomorphs, and sedimentary charcoal are excellent bioindicators for detecting human impact and landscape development. Interdisciplinary bio-geo-archaeo investigations on on-site/off-site integration and Holocene contexts are welcomed, especially reporting the latest updates to face future challenges.





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Editor-in-Chief

Prof. Dr. Jef Vandenberghe

Department of Earth Sciences,
VU University, De Boelelaan 1085,
1081 HV Amsterdam, The
Netherlands

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.

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Quaternary Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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