



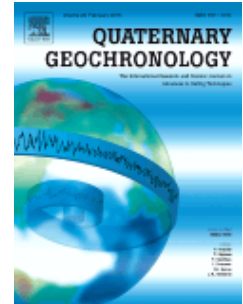
# QUATERNARY GEOCHRONOLOGY

The International Research and Review Journal on Advances in Quaternary Dating Techniques

## AUTHOR INFORMATION PACK

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### DESCRIPTION

*Quaternary Geochronology* is an international journal devoted to the publication of the highest-quality, peer-reviewed articles on all aspects of **dating methods** applicable to the **Quaternary Period** - the last 2.6 million years of Earth history. Reliable ages are fundamental to place changes in climates, landscapes, flora and fauna - including the evolution and ecological impact of humans - in their correct **temporal sequence**, and to understand the tempo and mode of geological and biological processes. There is growing scientific appreciation of the complexity of the Quaternary Period. This has increased the demand on **geochronological techniques** to deliver increasingly more accurate and precise ages, which underpin attempts to determine the causes and consequences of events at a variety of temporal and spatial scales.

Some **Quaternary dating methods** are well established, while others are in the early stages of development. *Quaternary Geochronology* will provide a readily accessible platform to rapidly communicate the latest developments and applications in these emerging fields, as well as improvements made to more traditional methods of **age determination**. New technological capabilities are providing a greater understanding of the underlying principles of age estimation and are stimulating innovative applications. *Quaternary Geochronology* will report the latest insights and discoveries to an inter-disciplinary audience concerned with events in the Quaternary Period.

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- Methodological standardisations and inter-laboratory comparisons
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### **INTRODUCTION**

*Quaternary Geochronology* is an international journal devoted to the publication of the highest-quality, peer-reviewed articles on all aspects of dating methods applicable to the Quaternary Period - the last 2.6 million years of Earth history. Reliable ages are fundamental to place changes in climates, landscapes, flora and fauna - including the evolution and ecological impact of humans - in their correct temporal sequence, and to understand the tempo and mode of geological and biological processes. There is growing scientific appreciation of the complexity of the Quaternary Period. This has increased the demand on geochronological techniques to deliver increasingly more accurate and precise ages, which underpin attempts to determine the causes and consequences of events at a variety of temporal and spatial scales. Some Quaternary dating methods are well established, while others are in the early stages of development. *Quaternary Geochronology* will provide a readily accessible platform to rapidly communicate the latest developments and applications in these emerging fields, as well as improvements made to more traditional methods of age determination. New technological capabilities are providing a greater understanding of the underlying principles of age estimation and are stimulating innovative applications. *Quaternary Geochronology* will report the latest insights and discoveries to an inter-disciplinary audience concerned with events in the Quaternary Period.

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Example: Elbaz-Poulichet, F., Guan, D.M., Martin, J.M., 1991. Trace metal behaviour in a highly stratified Mediterranean estuary: the Krka (Yugoslavia). *Mar. Chem.* 32, 211-224.

b. Monographs: Names and initials of all authors, year. Title of the monograph. Publisher, location of publisher.

Example: Zhdanov, M.S., Keller, G.V., 1994. *The Geoelectrical Methods in Geophysical Exploration*. Elsevier, Amsterdam.

c. Edited volume papers: Names and initials of all authors, year. Title of paper. Names and initials of the volume editors, title of the edited volume. Publisher, location of publisher, first and last page numbers of the paper.

Example: Thomas, E., 1992. Middle Eocene-late Oligocene bathyal benthic foraminifera (Weddell Sea): faunal changes and implications for ocean circulation. In: Prothero, D.R., Berggren, W.A. (Eds.), *Eocene-Oligocene Climatic and Biotic Evolution*. Princeton Univ. Press, Princeton, NJ, pp. 245-271.

d. Conference proceedings papers: Names and initials of all authors, year. Title of paper. Name of the conference. Publisher, location of publisher, first and last page numbers of the paper.

Example: Smith, M.W., 1988. The significance of climatic change for the permafrost environment. Final Proc. Int. Conf. Permafrost. Tapir, Trondheim, Norway, pp. 18-23.

e. Unpublished theses, reports, etc.: Names and initials of all authors, year. Title of item. All other relevant information needed to identify the item (e.g., technical report, Ph.D. thesis, institute, etc.).

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