

## Special Issue

# Artificial Intelligence of Palaeontology and Stratigraphy

### Message from the Guest Editor

Artificial intelligence (AI), or quantitative analysis, has become a fundamental means in the study of palaeontology and stratigraphy, a branch discipline of geoscience, and there has been a subsequent rapid increase in the implementation of numerical methods. The purpose of this Special Issue is to promote the new research paradigm and more data-driven scientific discoveries in palaeontology and stratigraphy. Here, we welcome outstanding studies concerning all aspects in the field of AI in palaeontology and stratigraphy, focusing on macroevolution, palaeoecology, graphic correlation, data mining, state-of-the-art progress, and case studies, as well as the limitations of AI approaches, the improvement of existing techniques, and the development of new techniques and trends.

### Guest Editor

Dr. Hong-He Xu

State Key Laboratory of Palaeobiology and Stratigraphy, Nanjing  
Institute of Geology and Palaeontology, Chinese Academy of Sciences,  
Nanjing 210008, China

### Deadline for manuscript submissions

closed (15 July 2022)



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*Geosciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[geosciences@mdpi.com](mailto:geosciences@mdpi.com)

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### Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

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### Editor-in-Chief

Dr. Alberto G. Fairén

1. Centro de Astrobiología, CSIC-INTA, Madrid, Spain
2. Department of Astronomy, Cornell University, Ithaca, NY, USA

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