DESCRIPTION

*Precambrian Research* publishes studies on all aspects of the early stages of the composition, structure and evolution of the Earth and its planetary neighbours. With a focus on process-oriented and comparative studies, it covers, but is not restricted to, subjects such as:

(1) Chemical, biological, biochemical and cosmochemical evolution; the origin of life; the evolution of the oceans and atmosphere; the early fossil record; palaeobiology;

(2) Geochronology and isotope and elemental geochemistry;

(3) Precambrian mineral deposits;

(4) Geophysical aspects of the early Earth and Precambrian terrains;

(5) Nature, formation and evolution of the Precambrian lithosphere and mantle including magmatic, depositional, metamorphic and tectonic processes.

In addition, the editors particularly welcome integrated process-oriented studies that involve a combination of the above fields and comparative studies that demonstrate the effect of Precambrian evolution on Phanerozoic earth system processes.

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1. chemical, biological, biochemical and cosmochemical evolution; the origin of life; the evolution of the oceans and atmosphere; the early fossil record; palaeobiology;
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Victoria Pease: (Precambrian) tectonics; structure and evolution of continental crust; thermochronology and exhumation processes; radiogenic isotopes (U-Th-Pb geochronology, Ar, AFT, Sm-Nd, Hf, etc.); igneous geochemistry.

Wilson Teixeira: Geochronology and isotope geochemistry (U-Th-Pb, Ar-Ar, AFT, Rb-Sr, Sm-Nd, Lu-Hf); Precambrian crustal evolution; Orogenic processes; Supercontinent cycles; Large igneous provinces; Precambrian Geology of South America

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