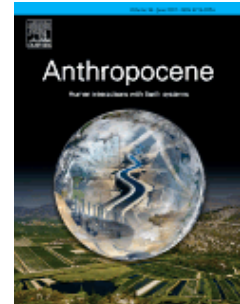




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ISSN: 2213-3054

DESCRIPTION

Anthropocene is an interdisciplinary journal that publishes peer-reviewed works addressing the nature, scale, and extent of interactions that **people** have with **Earth** processes and systems. The scope of the journal includes the significance of human activities in altering Earth's **landscapes, oceans, the atmosphere, cryosphere, and ecosystems** over a range of time and space scales - from global phenomena over geologic eras to single isolated events - including the linkages, couplings, and feedbacks among physical, chemical, and biological components of Earth systems. The journal also addresses how such alterations can have profound effects on, and implications for, **human society**. As the scale and pace of human interactions with Earth systems have intensified in recent decades, understanding human-induced alterations in the past and present is critical to our ability to anticipate, mitigate, and adapt to changes in the future. The journal aims to provide a venue to focus research findings, discussions, and debates toward advancing predictive understanding of human interactions with Earth systems - one of the grand challenges of our time.

The journal seeks contributions focused on the following themes pertaining to the expanding concept of the Anthropocene:

The early Anthropocene: How and when were past human interactions with Earth systems registered in the geologic and environmental records? Evidence and causes of large-scale human impacts; and quantifying recent, current and future anthropogenic impacts. Couplings among bio-physical and human processes, including societal responses to human-induced environmental change. Risk and environmental sustainability in an Anthropocene 21st century.

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