Earth Surface Processes and Landforms

A core resource for the physical geographical and geological communities, and also the wider geosciences, Earth Surface Processes and Landforms is the official journal of the British Society for Geomorphology (BSG).

This interdisciplinary, international journal is concerned with the interactions between surface processes and landforms and landscapes leading to physical, chemical and biological changes, which in turn create current landscapes and the geological record of past landscapes.

It covers the full range of the discipline of geomorphology including the following specific areas:

- The geological records of Earth surface processes in relation to environmental change, including the interpretation and use such records to reconstruct landforms, landscapes and landscape evolution
- The application of quantitative retrodictive and predictive models to support such interpretations
- The impacts of past, current and future environmental change upon Earth surface processes, and the influences of core drivers such as climate, tectonics, seismic and volcanic activity, vegetation and ecology, ice sheets and glaciers; and oceans and sea level
- Fluxes of material, both solid and in solution, and their contribution to landscape development and landform evolution
- The full range of environments associated with the Earth, including glacial, paraglacial, periglacial; hillslopes; soils; fluvial; karst; aeolian; estuarine and coastal
- Planetary geomorphology and the interpretation of planetary processes and landforms in the light of our understanding of Earth surface processes and landforms and the emerging knowledge of the planets themselves
- The relationship between Earth surface processes and management
- State of the art developments in techniques that enable new geomorphological questions to be asked, including remote sensing (airborne and ground-based) GIS, mathematical modelling and analysis, dating
- Geomorphological theory, including conceptual development

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