Aims and scope

Hydrology and Earth System Sciences (HESS) is an international open-access journal for the publication of original research in hydrology, placed within a holistic Earth system science context. HESS encourages and supports fundamental and applied research that seeks to understand the interactions between water, earth, ecosystems, and humans. A multi-disciplinary approach is encouraged that enables a broadening of the hydrologic perspective and the advancement of hydrologic science through the integration with other cognate sciences, and the cross-fertilization across disciplinary boundaries. HESS, therefore, has the ambition to serve not only the community of hydrologists but all earth and life scientists, water engineers and water managers, who wish to publish original findings on the interactions between hydrological processes and other physical, chemical, biological, and societal processes within the Earth system, and the utilization of this holistic understanding towards sustainable management of water resources, water quality, and water-related natural hazards. The journal publishes research articles, research and technical notes, opinion papers, book reviews, brief communications, and comments on papers published previously in HESS. Papers can address different techniques and approaches, including theory, modelling, experiments, or instrumentation.

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