

## **A universal approach to runoff processes modelling: coping with hydrological predictions in data-scarce regions**

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**Abstract** This paper discusses the features which a hydrological model should possess to be successfully applied in the task of hydrological predictions in poorly gauged regions. The Deterministic Modelling Hydrological System developed on the basis of the principle of universality is described as an example of such a model. The results of the simulations conducted across the data scarce basins of eastern Siberia are presented.

**Key words** principle of universality; Deterministic Modelling Hydrological System, DMHS; data scarce regions; eastern Siberia