

## **Implementation of the FLake lake model in the Joint UK Land Environment Simulator (JULES)**

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The Joint UK Land Environment Simulator (JULES) is a tiled land-surface model derived from the land-surface element of the Met Office Unified Model (UM). It has been made available as a stand-alone system for academic use and development. FLake has recently been incorporated within version 1 of JULES, and appears to have a beneficial effect on the performance of the lake tile. There are plans to upgrade the JULES/UM interface in the immediate future, and this will facilitate the incorporation of FLake into the UM.

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