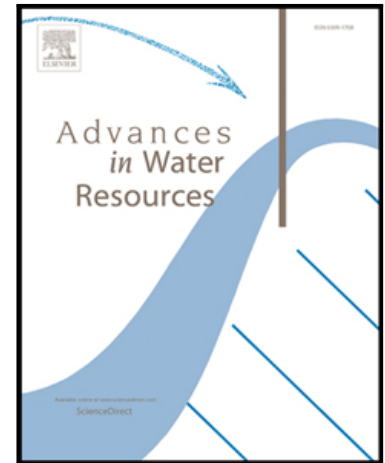


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A multidimensional discontinuous Galerkin modeling framework for overland flow and channel routing

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Highlights

- A multidimensional, unstructured-mesh model for overland/open-channel is developed.
- The model makes use of discontinuous Galerkin spatial discretizations.
- Advancements are made to an automatic mesh generation tool in support of the model.
- Model results compare well with analytic solutions and experimental data.

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