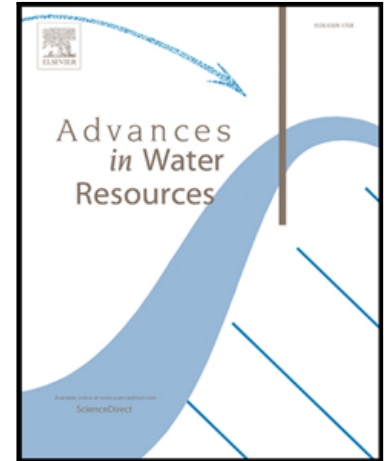


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Dynamic coupling of subsurface and seepage flows solved within a regularized partition formulation

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Highlights

- Integrating seepage dynamic in subsurface flow modeling at the hillslope scale.
- Coupling storage variation and seepage through a robust partition formulation.
- Smooth convex regularization of seepage onset, sharp seepage retreat.
- Numerical application and demonstration of hillslope storage Boussinesq equations.

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