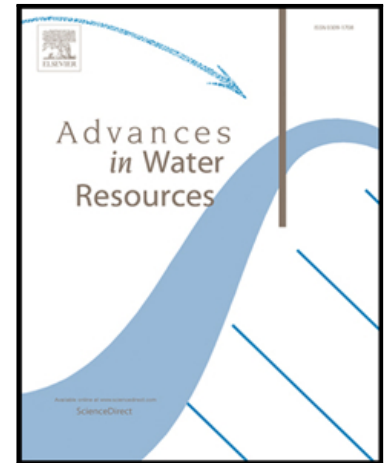


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Simultaneous identification of a contaminant source and hydraulic conductivity via the restart normal-score ensemble Kalman filter

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Highlights

- Contaminant source parameters and heterogeneous conductivity field can be jointly identified using the EnKF by assimilating enough observation data.
- Three synthetic scenarios in two different heterogeneous aquifers are used to test the joint parameter identification.
- The analysis for the results of the three scenarios proves the ability of the EnKF in the joint parameter identification.

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