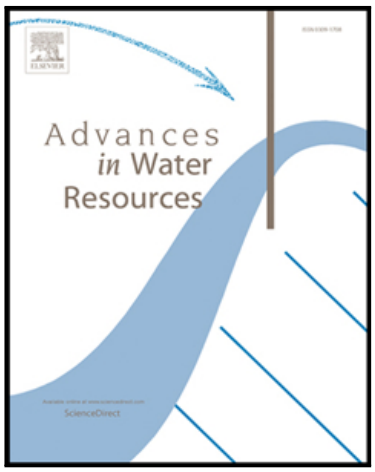

A Learning-based Data-driven Forecast Approach for Predicting Future Reservoir Performance

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Highlights

- Data space inversion (DSI) methods enable fast prediction of system performance
- A new DSI method is developed based on machine learning and ensemble simulation
- Our method provided accurate forecast results and reasonable uncertainty intervals