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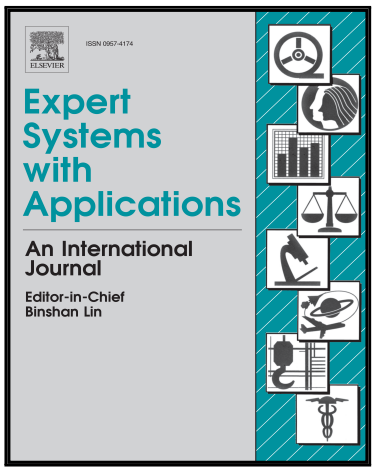

Developing an intelligent expert system for streamflow prediction, integrated in a dynamic decision support system for managing multiple reservoirs: A case study

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Highlights

- Extracting and using of time-dependent indices improved prediction accuracy
- Pre-processing of data improved prediction accuracy
- Intelligent selection of predictors via sensitivity analysis and data mining
- Successful integration of a novel forecast expert system in an operation system

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