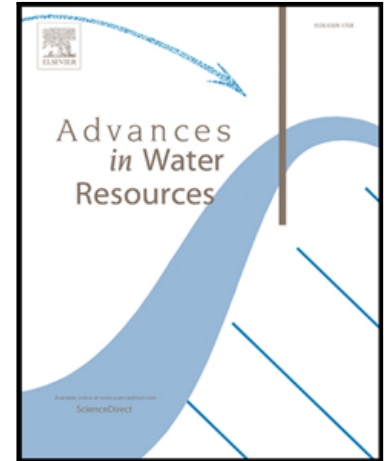


## Accepted Manuscript

Estimating the water budget components and their variability in a Pre-Alpine basin with JGrass-NewAGE

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**Highlights**

- Separation of snowfall-rainfall using MODIS data
- Estimation of evapotranspiration parameter using Budyko curve concept
- 5 • Implementation of a method to assess the separation of water storage and evapotranspiration.
- Estimate the water budget closure at high spatial and temporal resolution in prialpne basin
- 10 • Combine various component of JGrass-NewAGE system to close the water budget

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