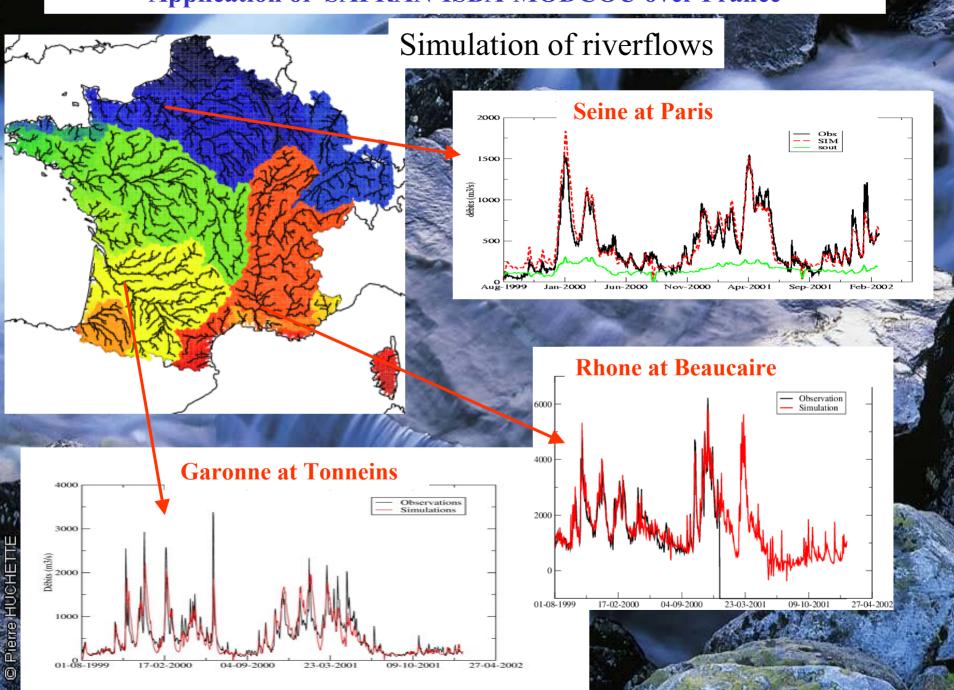
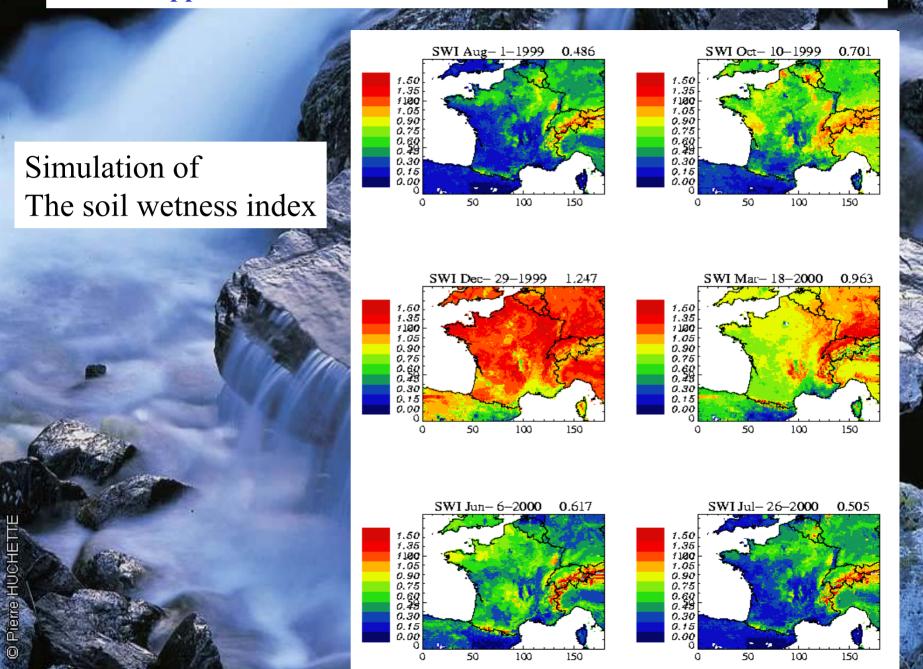


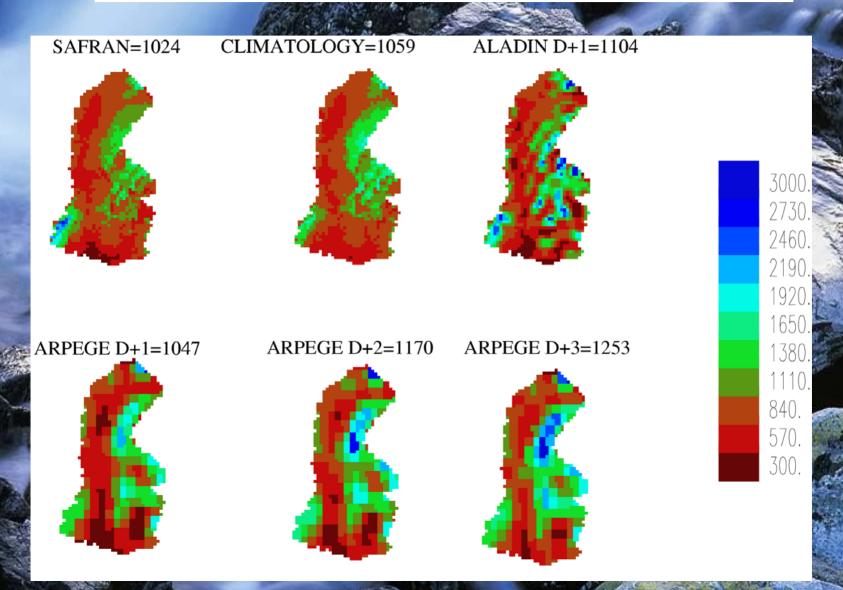
## **Application of SAFRAN-ISBA-MODCOU over France**



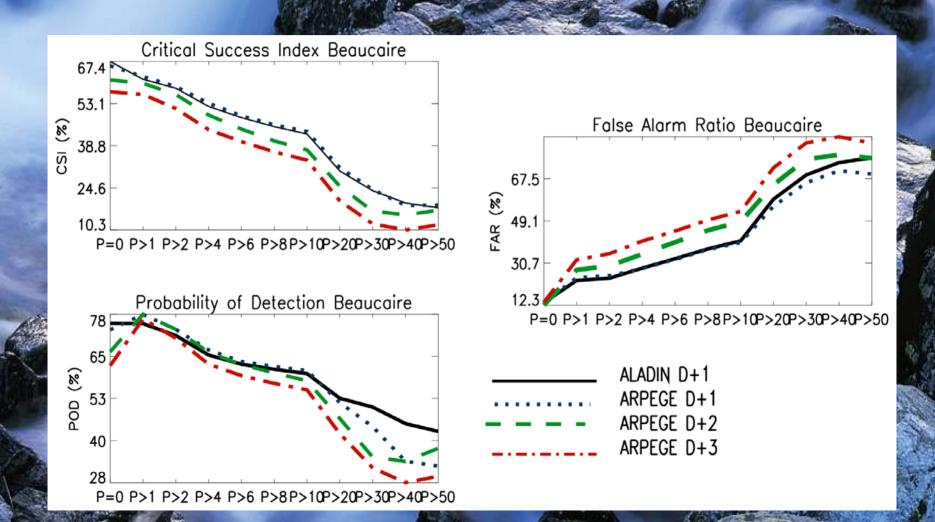
## **Application of SAFRAN-ISBA-MODCOU over France**

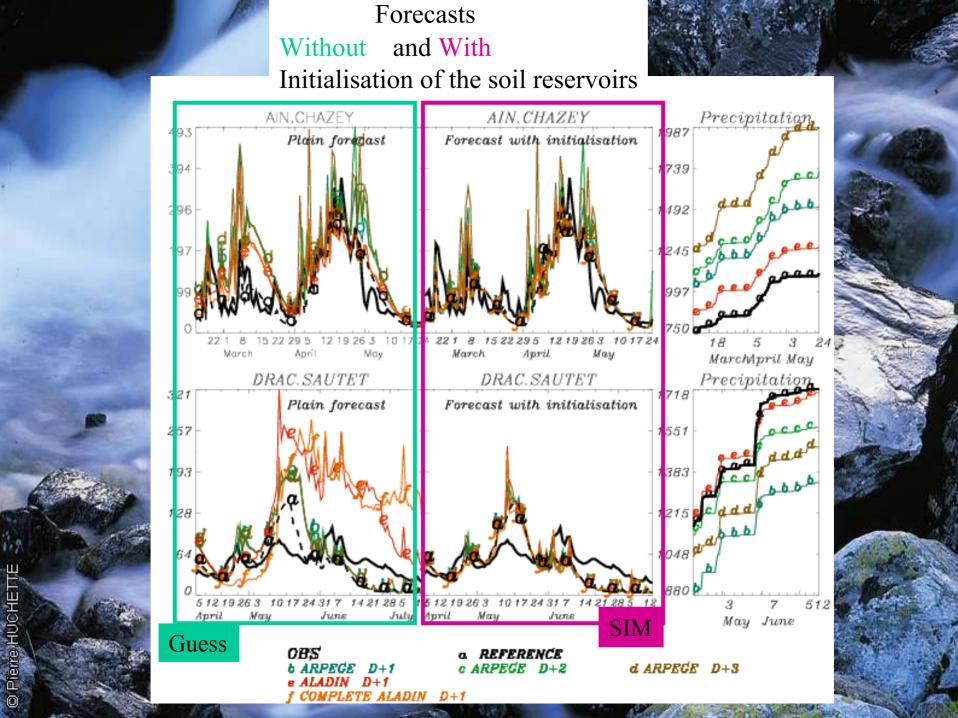


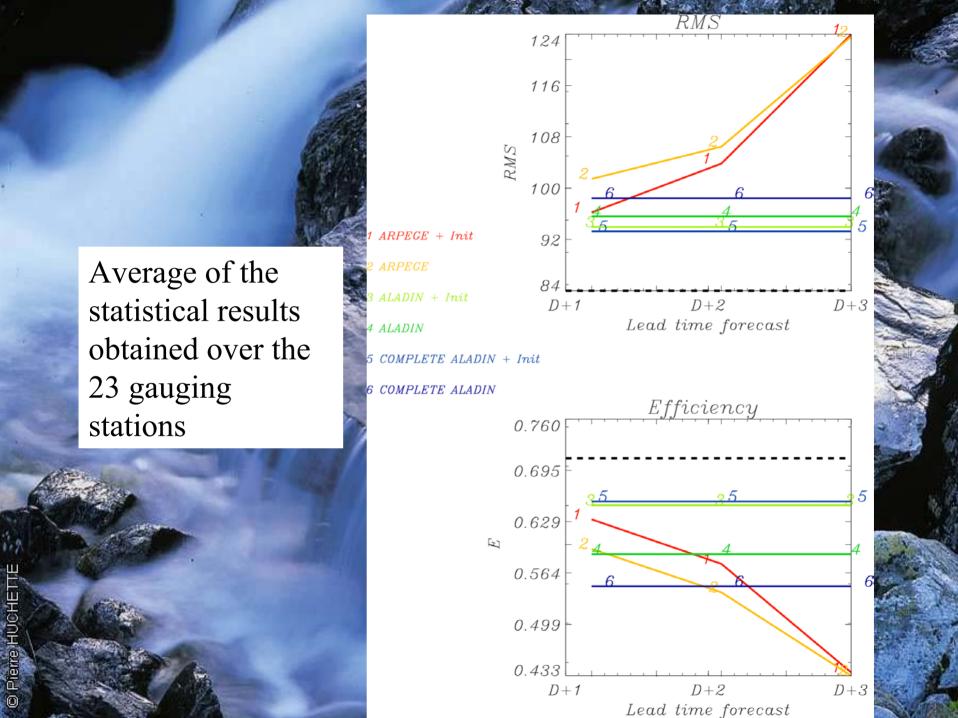
## Comparison of the Accumulated annual precipitation observed (SIM) and forecasted (Aladin, Arpege)



## Precipitation forecast statistics







Streamflow forecasted error vs precipitation error Relation between the error Forecast without initialisation on the forecasted precipitations Guess and the error on the forecasted riverflows over the 23 gages Forecasted precipitation error (%) Streamflow forecasted error vs precipitation error Forecast with initialisation **SIM** 1 ALADIN D+1 .... 2 ARPEGE D+1 streamflow \_ \_ 3 ARPEGE D+2 \_\_\_ 4 ARPEGE D+3 4**2** 5<sup>3</sup> 20 Forcasted \_.. 5 COMPLETE ALADIN D.+2 Forecasted precipitation error (%)