









University of Tlemcen Departement Hydraulique doctoral program Water resources management Accredited by the MESRS supported by the WESA program

Hydrological modelling of the Tafna basin.

(Northwest Algeria)

Supervisor:

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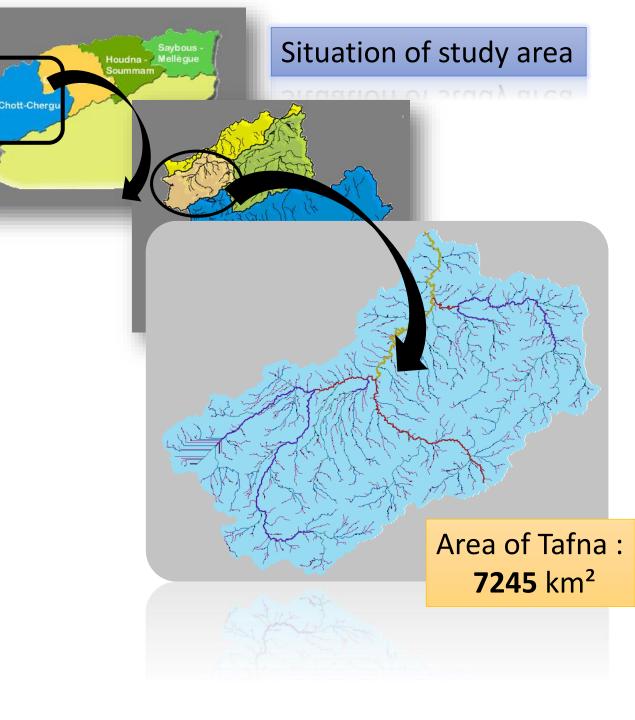


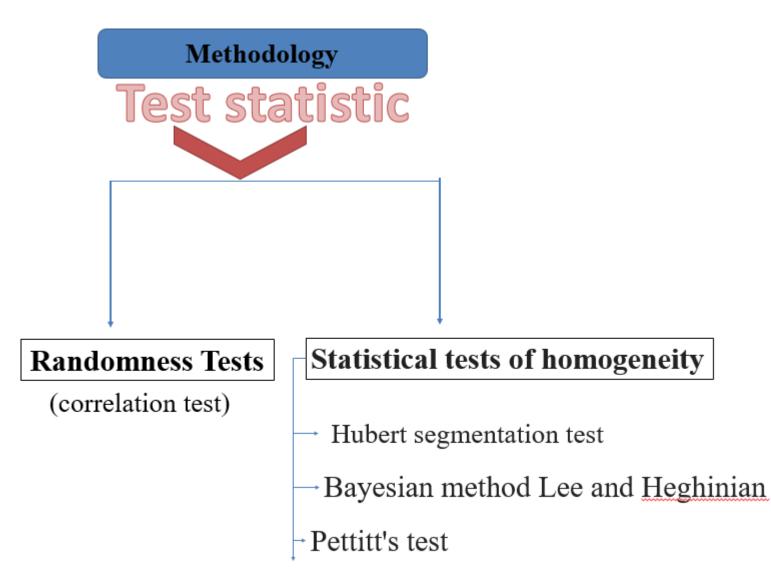




Objective

- To compare the performance of different hydrological models under different levels of data.
- Development of downscaling of GCM and RCM climate scenario for getting future forecast data of climate.
- Water allocation modelling will be performed based on climate scenarios and hydrological model simulation

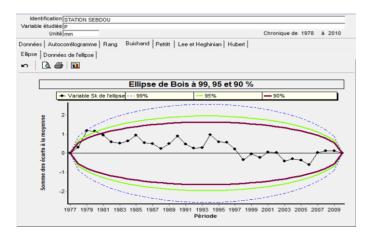




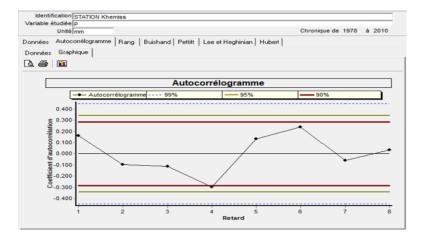
Results

1. Trend analysis of rainfall data

SEBDOU SUB BASIN



KHEMISS SUB BASIN



BENI BAHDEL SUB BASIN

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		Niveau de signific	ation du test de Sch	effé: 1%	
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	Début	Fin	Moyenne	Ecart type	
	Début	Fin	Moyenne	Ecart type	
	Début	Fin	Moyenne	Ecart type	
	Début	Fin	Moyenne	Ecart type	

Conclusion

Test statistic aid to detect if there is a significant change in a data series (try to understand the cause) and knowing the distribution of the data.



YOUR ATTENTION