

Task 4.2: impact assessment and scenario ranking (leader: INRGREF).

PI: Aouissi Jalel

Zohra Lili Chabaane, Sihem Benabdallah, Zeineib Kassouk, Ines Oueslati, Hanene Chaabane, Adel Zghibi

Stage 1

 Modelling schemes with improved SWAT model results (landuse, hydraulic conductivity, Zoning of agroforestry area)

Stage 3

 impact assessement of diffrent scenarios using SWAT model according to efficient criterea and reduction rate of sediement yields and in the diffrent hydrological components on daily, monthly and annual values.

Stage 4

- impact assessment of structure modulation scenarios using SWAT model
- Ranking scenarios with national and regional directorates on the level of acceptance and their faisability

PhD student: Ines Gharnouki started in February 2020

Study area : Merguellil

Partener : UNICA, CESBIO