

**Fethi LACHAAL**

**Dr. of Engineering in Hydrogeology  
and Geophysics**



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- 1) Aquifer investigation, structure and sustainable management: joint use of geo-geophysical methods (electrical, seismic ...), stable isotopes ( $\delta^{18}\text{O}$  and  $\delta^2\text{H}$ ) and geo-numeric tools.
- 2) Groundwater modeling: MODFLOW and FEFLOW hydrogeological and salinity transport modeling
- 3) Aquifer refilling: Artificial recharge; groundwater remediation, aquifer transfers and upstream - downstream surface / subsurface transfers

Particular interests for

- Climatic and global change adaptation.
- Water resource management in arid and semi-arid regions.
- Aquifer refilling.
- Teaching in master and ingenious courses,

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