Geophysical Research Abstracts
Vol. 15, EGU2013-13764, 2013
EGU General Assembly 2013


# Cartography of water level piezometric head and total disloved solute value in the Nefzaoua oases

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Southern Tunisia is both Mediterranean and Saharien region. The groundwater is the exclusive source of water in this area. The increase of groundwater pumping has led to draw down of water piezomtric level. The quality of groundwater resource in south Tunisia has been subject to degradation these last years due to the anthropic activities. The aquifer of Complex Terminal is providing 80% of agricultural and domestic supply in Kébili. Currently, the salinity of groundwater is rising in many regions of this zone. The main purpose of this study is to characterise the draw down of piezomteric level. The methodology utilized will be used as guide for the future cartography of the vulnerability of the aquifer system.