

## GENERAL INFORMATION

Structure type	Evaporite body
Deformed/Undeformed	Deformed
Geological Setting	Tagus Basin, Madrid Sub-Basin
Outcropping/buried	Outcropping
Evaporite unit/s name	Garumnian equivalent
Evaporite unit/s age	Late Cretaceous-Paleogene
Evaporite unit/s origin	Continental
Classif. (Hudec and Jackson, 2009)	No diapirism
Classif. (Jackson and Talbot, 1986)	No diapirism
Other comments	N-S salt-cored anticline, the same as the Sierra de Altomira, to which it belongs structurally. Studied as a formation with a potential of CO2 storage (Early Cretaceous reservoir and Late Cretaceous seal).

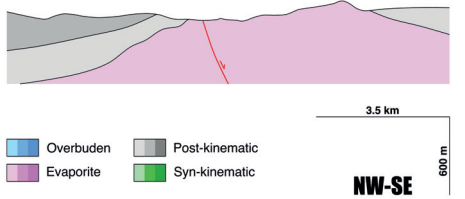
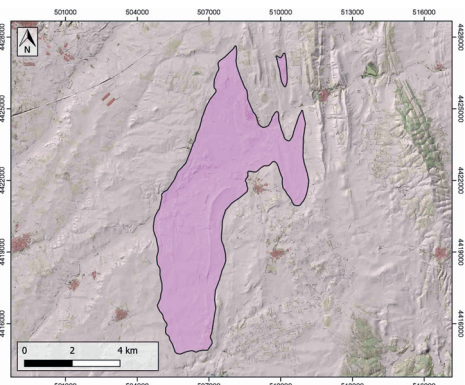
## LOCATION



## SHAPE AND SUB-SURFACE STRUCTURE

## STRATIGRAPHY AND STRUCTURE

Evaporite unit/s composition	Gypsum-Shale-Marlstone-Limestone
Post-evaporite and pre-kinematic unit/s	Middle Miocene (gypsiferous shales, shales)
Syn-kinematic unit/s	-
Post-kinematic unit/s (or post-evaporite desposition when undeformed)	Quaternary (alluvial and colluvial detrital deposits)
Age of evaporite flow or deformation (when deformed)	Oligocene to Miocene, Paleocene-Eocene
Flow or deforming triggering mechanisms	Alpine compression, Altomira range development
Halokinetic structures	Syncline-Anticline folding / thrust faults



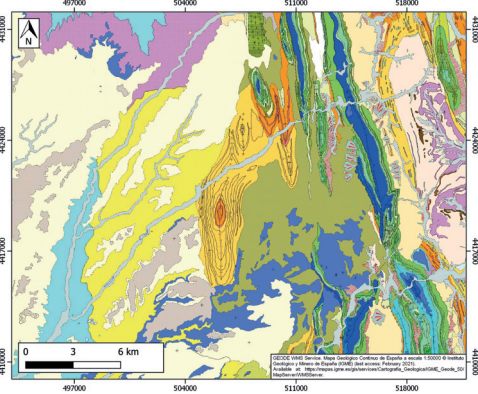
## SUB-SURFACE DATA AVAILABILITY

Available borehole data	Yes
Available seismic data	Yes

## MAIN REFERENCES

Stratigraphy	Pérez-Hidalgo (1991)
Regional Stratigraphy	Wolf et al. (2018)
Structure	Giner-Robles (2012)
Regional Structure	Suárez et al. (2009)
Gravimetry	Ayala et al. (2016)
Petrophysics/Paleomagnetism	nd

## GEOLOGY (GEODE IGME)



IBERIAN  
EVAPORITE  
STRUCTURE  
DATABASE