

Ebro Delta highlighted for the World wetlands day

Sentinel-1 CSAR IW acquired on **31 May 2018** at 06:00:38 UTC

Sentinel-2 MSI acquired on **20 June 2018** at 10:50:31 UTC

Sentinel-2 MSI acquired on **03 October 2018** at 10:50:19 UTC

Author(s): Sentinel Vision team, VisioTerra, France - syp@visioterra.fr

Keyword(s): Coastal, hydrology, river, agriculture, canals, beach, saline lagoons, salinas, freshwater marsh, food security, rice, Natural Park, Ramsar, Spain

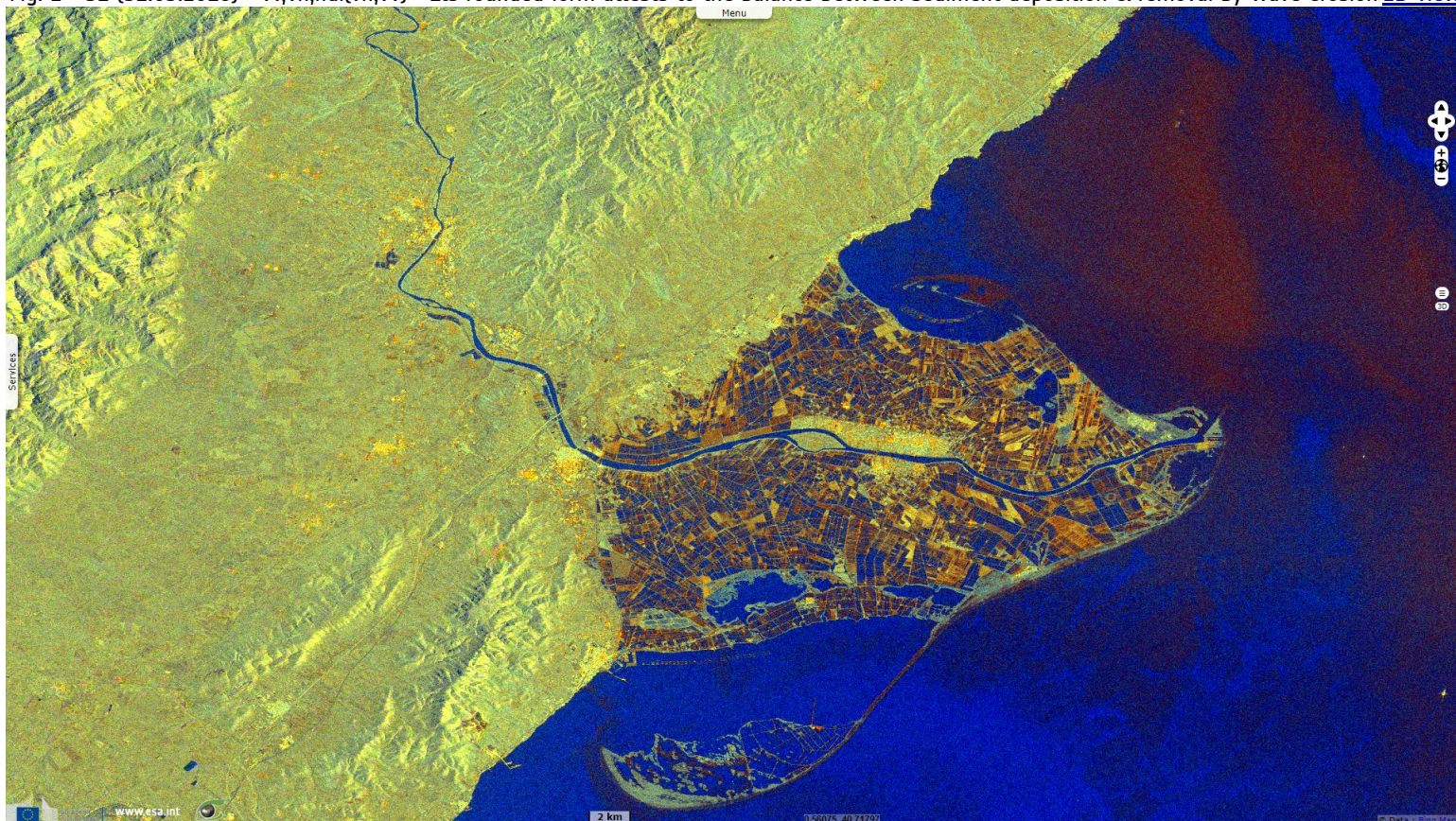
[2D Layerstack](#)

Fig. 1 - S2 (03.10.2018) - Ebro delta includes shallow coastal waters, beaches, dunes, saline lagoons, freshwater marshes & pools.

[2D view](#)



Fig. 2 - S1 (31.05.2018) - vv,vh,ndi(vh,vv) - Its rounded form attests to the balance between sediment deposition & removal by wave erosion [2D view](#)



The town of Amposta, a seaport in the 4th century, shows rate of growth of the delta as it is now located 30km inland from the river mouth.

Fig. 3 - 20.06.2018 - A network of canals and irrigation ditches are helping to maintain the ecologic & economic resources of the delta.

[3D view](#)

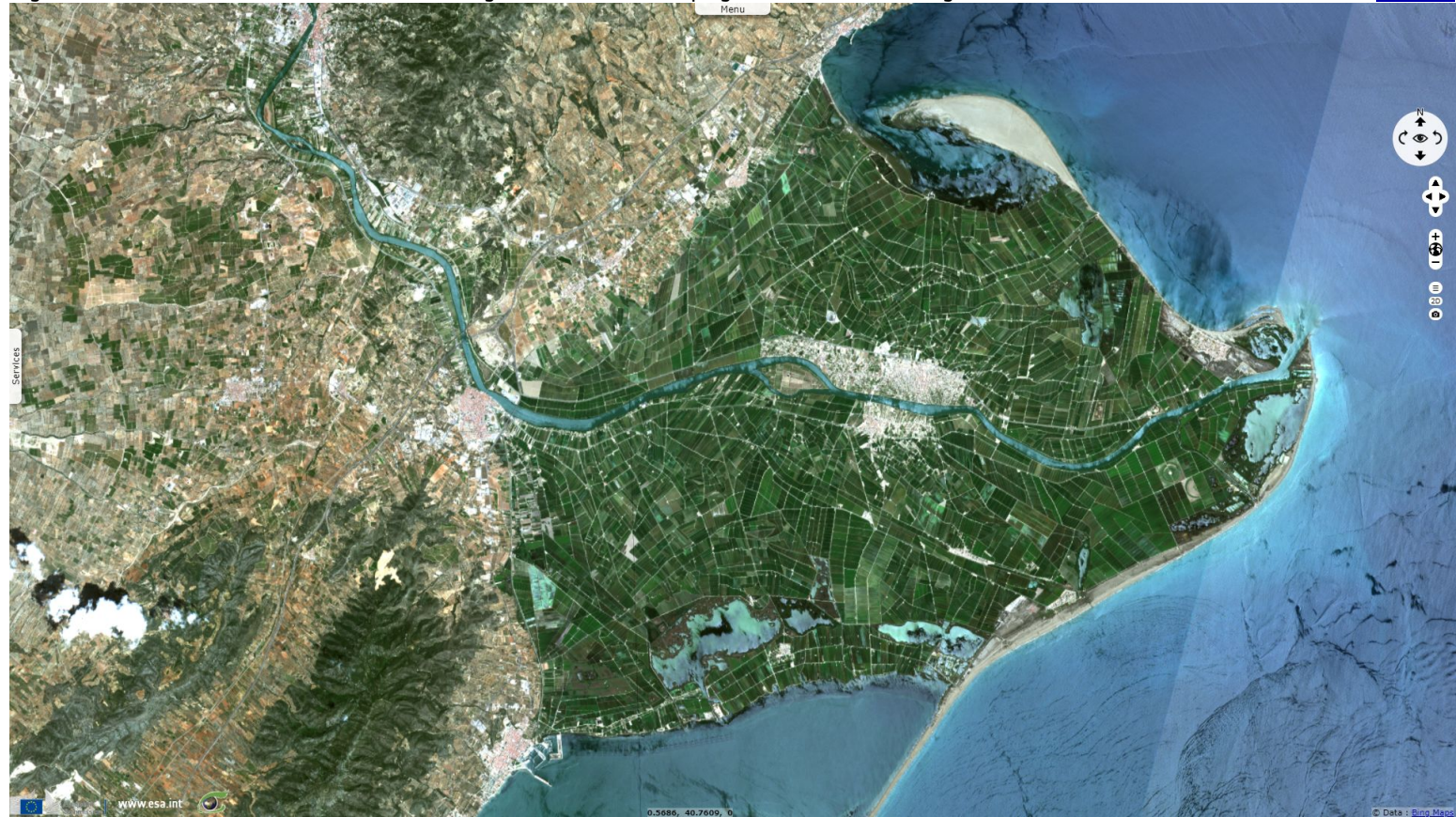














Fig. 4 - 03.10.2018 - 11,8,2 composite - Its shallow waters support many species of waterbirds, migratory birds, mollusc, shrimp & fish.

[3D view](#)



The views expressed herein can in no way be taken to reflect the official opinion of the European Space Agency or the European Union.

More on European Commission space:								
More on ESA:				S-1 website	S-2 website	S-3 website		
More on Copernicus program:				Scihub_portal	Cophub_portal	Inthub_portal	Colhub_portal	
More on VisioTerra:				Sentinel Vision Portal	Envisat+ERS portal	Swarm+GOCE portal	CryoSat portal	Proba-V portal