Sentinel Vision
SED-1294
31 May 2023

2D Layerstack

Armed conflict between Iran and Afghanistan over the sharing of the drying Helmand River

Sentinel-2 MSI acquired on **23 May 2019** at 06:26:39 UTC
Sentinel-3 OLCI FR acquired on **08 May 2023** at 06:03:51 UTC
Sentinel-2 MSI acquired on **12 May 2023** at 06:26:29 UTC

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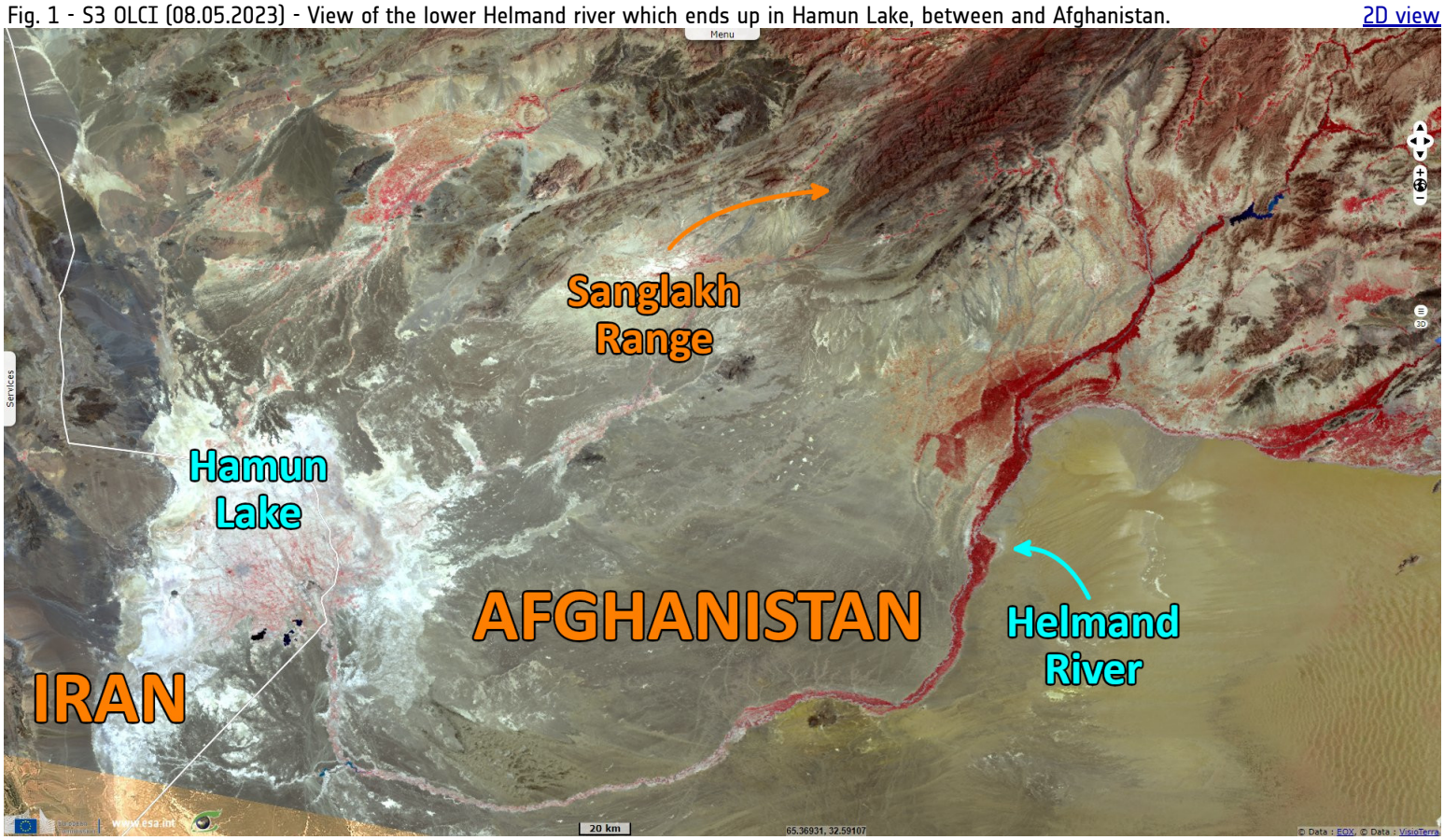
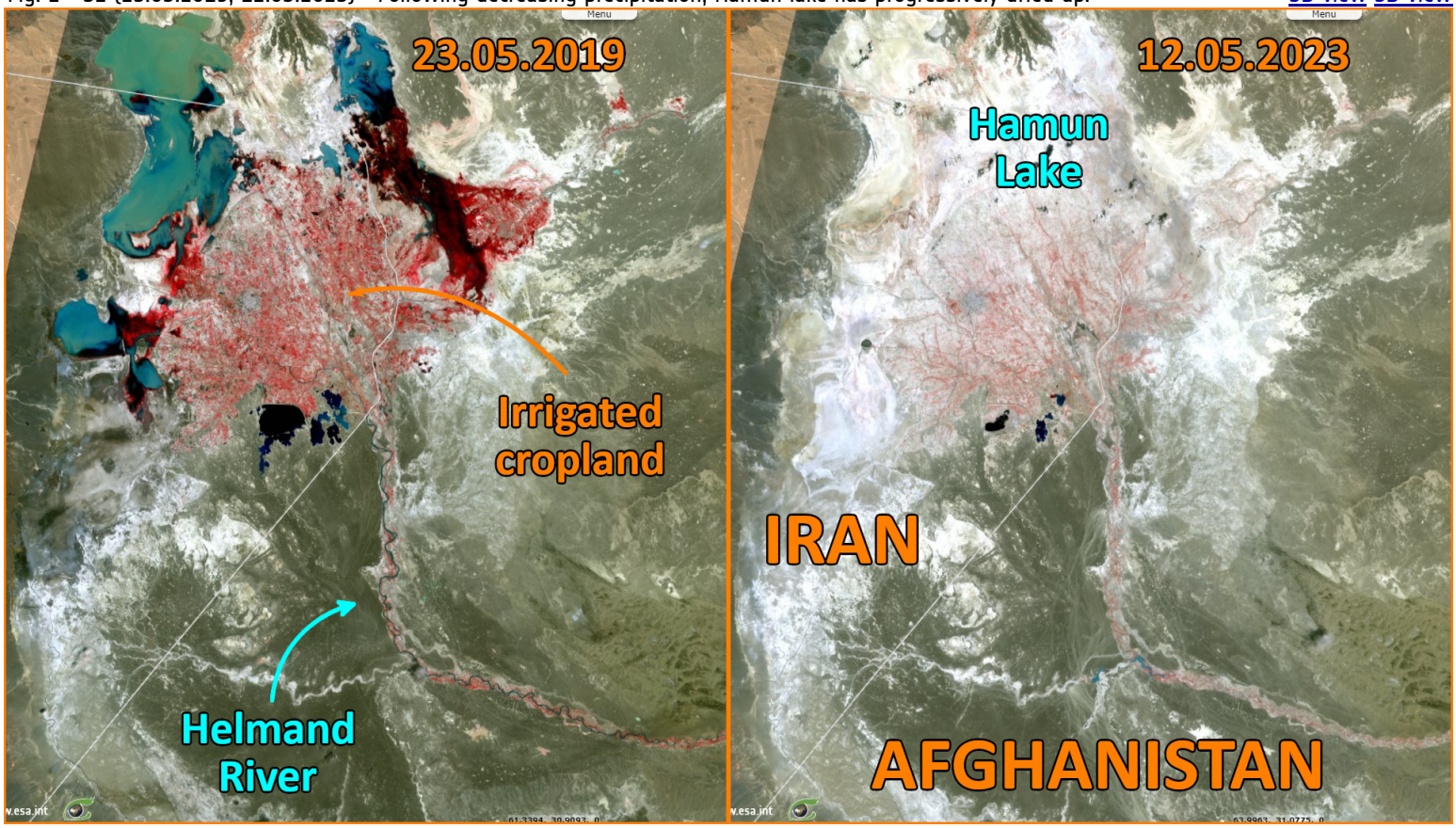
Keyword(s): Climate change, river, irrigated agriculture, drought, food security, salt lake, Iran, Afghanistan

Fig. 1 - S3 OLCI (08.05.2023) - View of the lower Helmand river which ends up in Hamun Lake, between and Afghanistan. 2D view



Lethal clashes on the border reportedly led to the deaths of two Iranian border guards and one Taliban fighter.

Fig. 2 - S2 (23.05.2019; 12.05.2023) - Following decreasing precipitation, Hamun lake has progressively dried up. 3D view 3D view



Water management experts argue that Iranian authorities have failed to take into account the impact of climate change and prolonged droughts in the region.

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