

Satellite Mapping - Natural seeps and seepage detection

BREAKTHROUGH DISCOVERY IN ANGOLAN DEEPWATER

Angola's Public Limited Tender round offers exciting opportunities in 2025

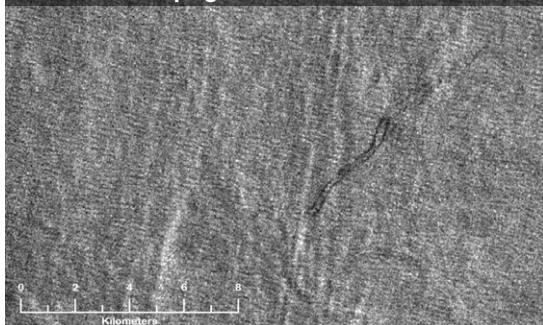
Viridien Satellite Mapping discovers new seepage site in Angola's deepwater Block 36. Our ever-expanding remote sensing database provides the insights needed to identify new exploration opportunities.

Screen offshore acreages with seepage data

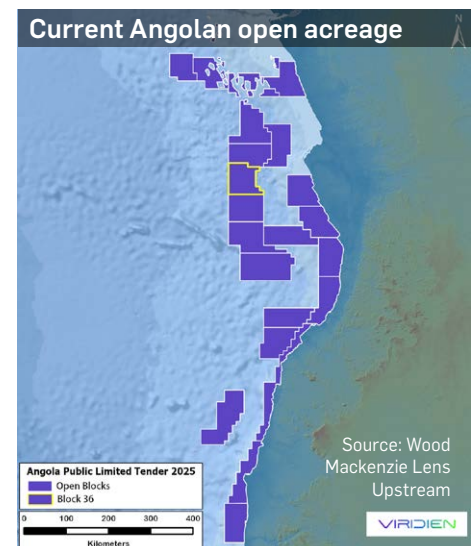
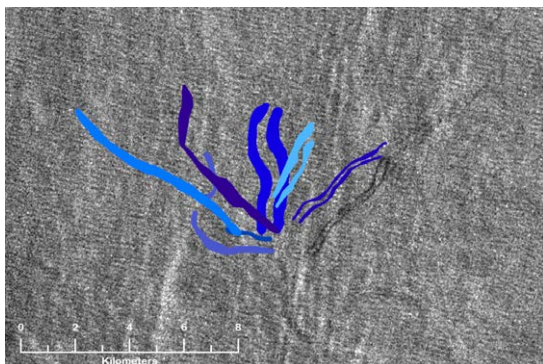
Viridien Satellite Mapping is delighted to announce the findings of a pioneering ocean slick mapping study in Angola, aimed at discovering new seepage clusters in deepwater settings.

By harnessing the power of high-resolution satellite imagery, machine learning algorithms and advanced image processing techniques, we have conducted full historical analysis of targeted locations offshore Angola, providing our most comprehensive understanding of this acreage to date.

Block 36 seepage clusters



Mapped hydrocarbon seeps within Block 36 acreage (colours denote different observation dates). Contains modified Copernicus Sentinel-1 data.



Angola open offshore blocks.

The new seepage site identified in Block 36, currently in open acreage, is a prime example of where frontier exploration can be guided by the rapid identification and characterization of sites using remote sensing techniques.

Located adjacent to mapped salt structures, this confirmed seepage site exhibits a high degree of slick recurrence, with repeat observations recorded on 31 separate occasions between 2017 and 2025.

Current exploration efforts into Block 36 suggest that an oil-prone petroleum system could be present within either pre-salt or post-salt sequences.

The observed seepage on satellite imagery is likely to derive from hydrocarbon accumulations associated with salt-related trapping mechanisms.

To learn more about the capabilities of our database and how it can support your exploration efforts, contact us via email or our website.

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