

DEFENCE AND SPACE
Intelligence

Global Seeps

Offshore Oil Slick Database

AIRBUS

A Cost-Effective Exploration Tool

With more than 32,500 scenes directly available and over 32,000 potential slicks identified, Global Seeps is a cost-effective tool for risk-ranking in new exploration regions and for baseline oil pollution mapping.



Oil slick information is valuable to oil exploration companies for the detection and monitoring of natural seepage and oil pollution on the ocean's surface.

Global Seeps is a non-exclusive database of offshore oil slicks, constructed by systematically screening the world's offshore basins. Global Seeps data is a cost-effective resource for risk-ranking prior to new exploration regions and for baseline oil pollution mapping.

Covering approximately 76 million km² of offshore basins, the database is continuously updated.

Key Benefits

Derived using both archive and newly programmed satellite imagery, Global Seeps is the definitive off-the-shelf offshore oil slick database for the worldwide exploration industry.

- Minimum dual coverage data
- Accuracy – high-resolution Synthetic Aperture Radar (SAR) data ensures all slicks are captured
- Scalable and future-proof – upgraded with new data and new areas
- Airbus can host the dataset making it available to multiple users across an organisation using secure web access

- Slick characterisation – identifying natural seepage and man-made pollution
- Availability – GIS-ready results delivered direct to the customer
- Annual subscription services available

Data Specification

The database can be supplied via our web portal or as a plug & go GIS product and is available on a local, regional or global licence. The following deliverables are available:

- Digital geo-coded calibrated data for the full satellite scene at 100m resolution

- Scene interpretation results including scene outlines, metocean interpretation details, ship traffic and rig/platform information
- Slick interpretation results including estimated slick source points, slick vectors, probable slick type and confidence levels
- Slick subset images at 25m resolution

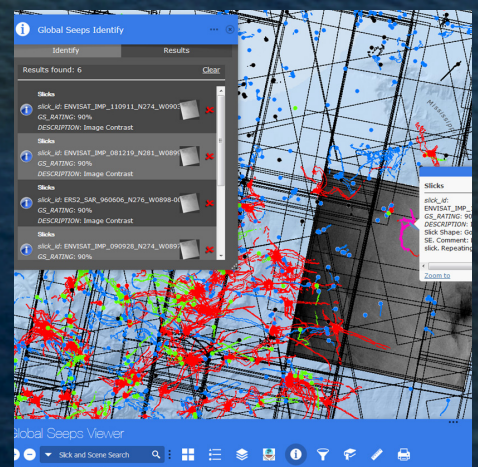
Applications

- Cost-effective risk-ranking tool prior to new exploration
- Screening of frontier basins and new licensing rounds
- Seismic planning and integration
- Planning tool for offshore geochemical programmes
- Environmental monitoring, risk assessment and baseline
- Supporting business intelligence

Portal

The web platform enables you to quickly and easily search, sort, select, display and share geospatial datasets through a cloud/web-based solution.

The Data Portal can store and stream GIS data in all industry standard raster or vector formats (available on request). Data and information can be made available to multiple users via portal, desktop and mobile device applications.



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