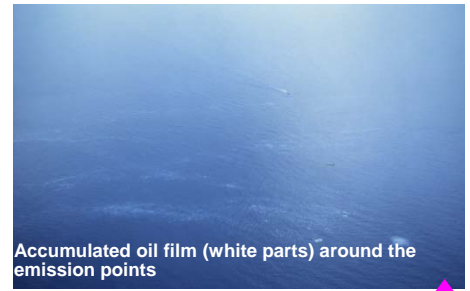
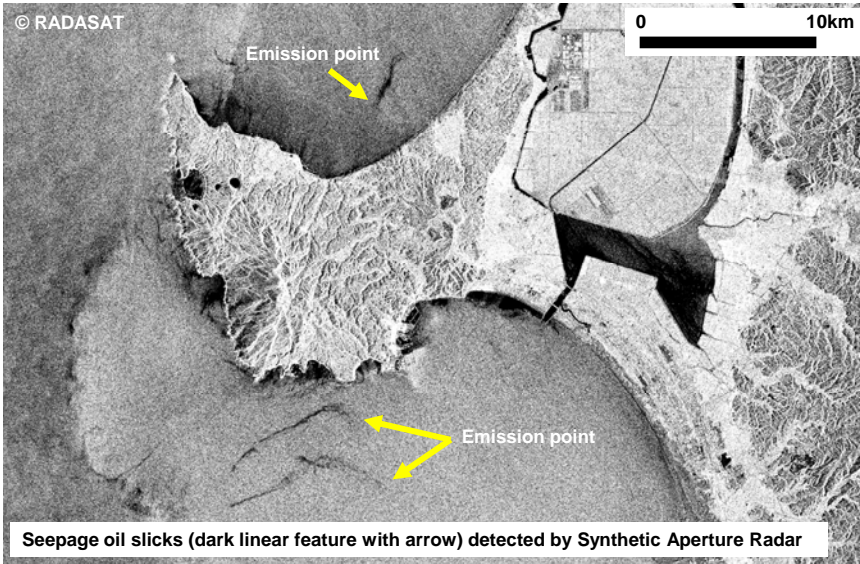


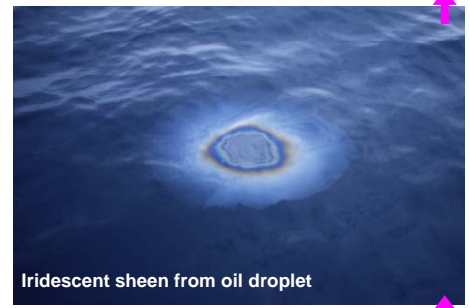


OIL SEEPAGE ON THE SEA SURFACE

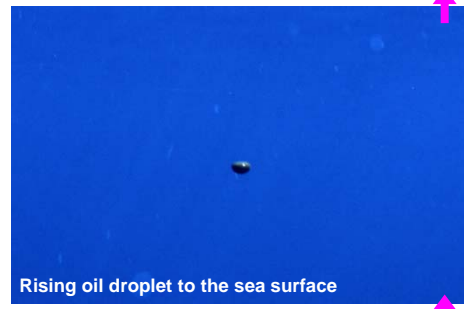
“Providing Satellite Seepage Oil Slick Detection and Sampling/Geochemical Analysis”



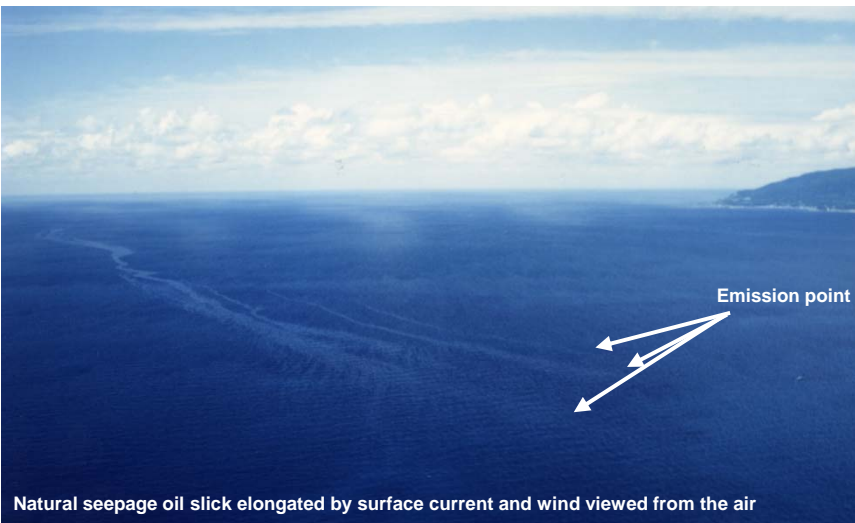
Accumulated oil film (white parts) around the emission points



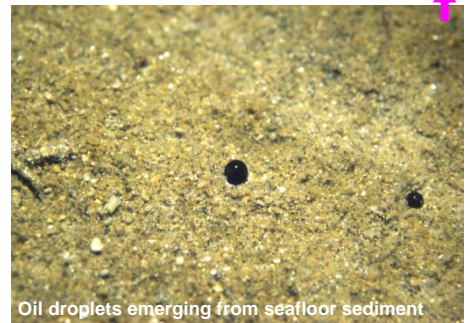
Iridescent sheen from oil droplet



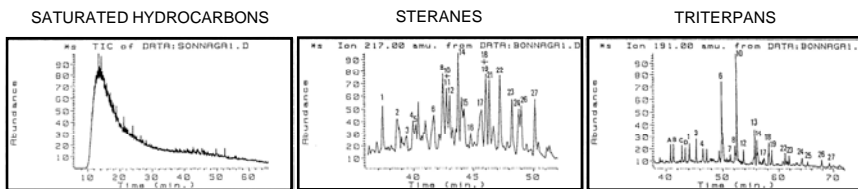
Rising oil droplet to the sea surface



Natural seepage oil slick elongated by surface current and wind viewed from the air



Oil droplets emerging from seafloor sediment



Analytical result of oil film sample



Sampling oil film by silica cloth

Seepage Oil Slick Detection has contributed to the discovery of some large oil fields around the world. Satellite imagery especially Synthetic Aperture Radar (SAR) is the most useful method to identify offshore oil seepage, such method is adopted by many oil companies worldwide, in some cases, led to locate exploration targets in conjunction with other geophysical data.

For more information, please contact Applied Geoscience Department:

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