

EO4OG Products

EO4OG defined products to meet the challenges. Each product is defined by a product sheet which will open in a new window when clicked upon.

The products are categorised by "thematic" and "sector according to the EARSC taxonomy.

Product	Generic	Thematic	Sector
Agricultural land	on-shore	Land	Ecosyste
Critical habitat mapping	on-shore	Land	Ecosyste
Elevation	on-shore	Land	Topograp
Engineering geology evaluation	on-shore	Land	Geology
Erosion potential mapping	on-shore	Land	Topograp
Faults and discontinuities	on-shore	Land	Geology
Fault identification and reactivation	on-shore	Land	Geology
Forest above-ground biomass estimations	on-shore	Land	Forests
Geomorphology map	on-shore	Land	Geology
Historical surface deformation	on-shore	Land	Topograp
Hydrocarbon seep detection	on-shore	Land	Ecosyste
Hydrological network and catchment area	on-shore	Land	Inland wa
Land cover and land cover change characterisation	on-shore	Land	Land cov
Land use and land use change	on-shore	Land	Ecosyste
Linear disturbance features	on-shore	Land	Land use
Lithology and surface geology mapping	on-shore	Land	Geology
Mapping and prediction of near-surface features	on-shore	Land	Geology
Permafrost zone stability / frost heaving /discontinuous permafrost	on-shore	Land	Topograp
Pipeline corridor status	on-shore	Land	Land use
Reservoir compartmentalisation	on-shore	Land	Topograp
Reservoir management and optimisation	on-shore	Land	Topograp
River / lake ice	on-shore	Land	Inland wa
Seismic coupling risk map	on-shore	Land	Geology
Seismic logistics operation map and base-camp mapping	on-shore	Land	Ecosyste
Slope. curvature, aspect	on-shore	Land	Topograp
Slope stability	on-shore	Land	Topograp
Soft ground	on-shore	Land	Ecosyste
Soil sealing	on-shore	Land	Ecosyste
Structural geology	on-shore	Land	Geology
Surface deformation monitoring (Environment and production related)	on-shore	Land	Typograp
Surface soil moisture (SSM) and soil water index (SWI)	on-shore	Land	Ecosyste
Terrain roughness	on-shore	Land	Topograp
Tree cover density	on-shore	Land	Forests
Tree height	on-shore	Land	Forests
Vegetation / forest type	on-shore	Land	Forests
Vegetation stress and degradation	on-shore	Land	Ecosyste
Water body extent	on-shore	Land	Inland wa
Water body nutrients / productivity	on-shore	Land	Inland wa
Water body temperature	on-shore	Land	Inland wa
Water body volume / bathymetry	on-shore	Land	Inland wa

Wet areas	on-shore	Land	Land cov
-----------	----------	------	----------