

OSI_SAF/Ice_type: (OSI SAF Sea Ice Type data)

- Data source: <http://osisaf.met.no/>
- Data type: Pan-Arctic multi-sensor ice edge data **at 10 km grid resolution** (e.g. 'ice_type_nh_polstere-100_multi_201705311200.nc')
- Data citation: "Sea ice type product (OSI-403-c) of the EUMETSAT Ocean and Sea Ice Satellite Application Facility (OSI SAF, www.osi-saf.org)"
- Copyright: ©(year) EUMETSAT
- Cut_region: lat_min=68, lat_max=85, lon_min=0, lon_max=60
- Lat/Lon mat file (e.g. osi_saf_PRIZE_latlon.mat) contains variable 'lat_roi' and 'lon_roi' for the cut region.
- Data mat file (e.g. 'osi_saf_ice_type_PRIZE_20170301.mat' contains variable 'ice_type_roi'. Value=1 (no ice or open water); value=2 (first-year ice); value=3 (multi-year ice), value=4 (ambiguous ice), and NaN.
- In example *.png file, blue=open water, cyan=first-year ice, gold=multi-year ice, red=ambiguous ice.

* Note, that during Arctic summer season (May-September) the ice type product is dubious because melting of the ice surface obscures the ice type signals.

