

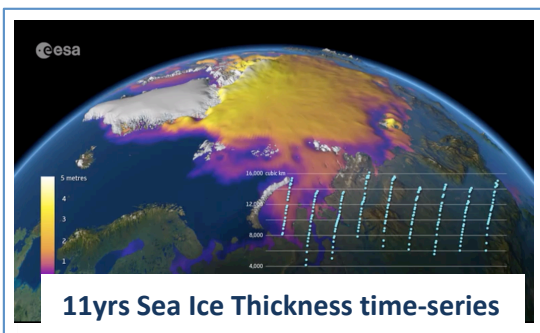
Observation of the cryosphere by altimetry: past, present and future contributions

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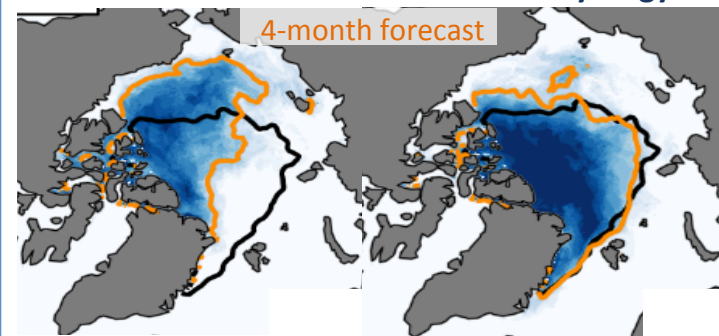
(1) LEGOS/CNRS, (2) CPOM, (3) AWI



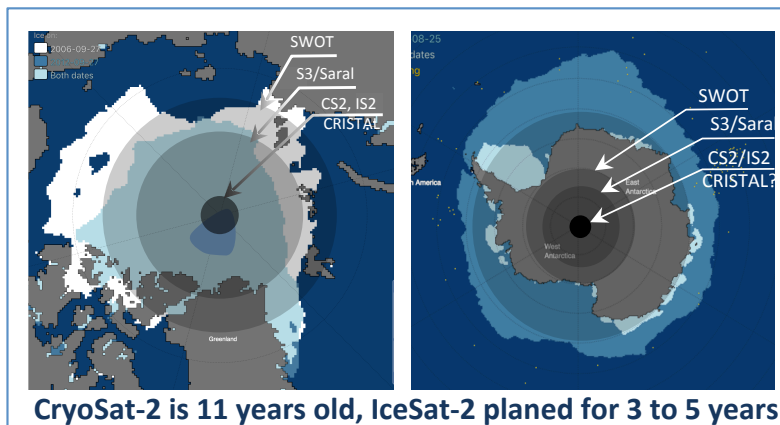
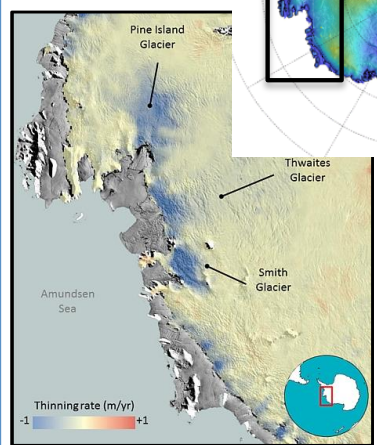
Sensor type	Satellites or Sensors
Optic/IR	MODIS, S2,
SAR	RadarSat, S1
Radiometer	AMSR, SSMI, SMOS
Altimetry	Icesat-2, CryoSat-2



SI Concentration and Thickness Synergy



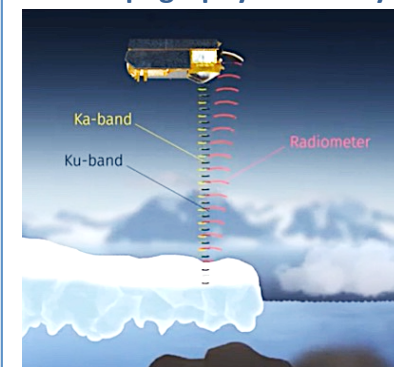
Polar caps topography by altimetry



Polar Altimetry Time Gap: Letter of Concern (sara.fleury@legos.obs-mip.fr):

<https://docs.google.com/document/d/1-1CKh4iWVawijEcWfYvf76Cm2dTQnDn7HkL5oNJDsfM/edit>

CRISTAL Copernicus Radar for Ice and Snow Topography ALtimetry



2027 ?