

SWOT PROGRAM STATUS

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September 19 – 22, 2023

SWOT's FIRST YEAR

LEOP – Commissioning – Calibration – Science

50+ field campaigns worldwide

Beta pre-validated data release

Early Adopters integration

Media, events, public engagement

Awards





Join SWOT Science Team

Funding opportunity via NASA ROSES and CNES TOSCA —

Demonstrate how SWOT's global, high-resolution mapping enables new discoveries in Earth science

Topic 1: Measurement physics, data challenges and products

Topic 2: Novel Earth science and research applications with SWOT



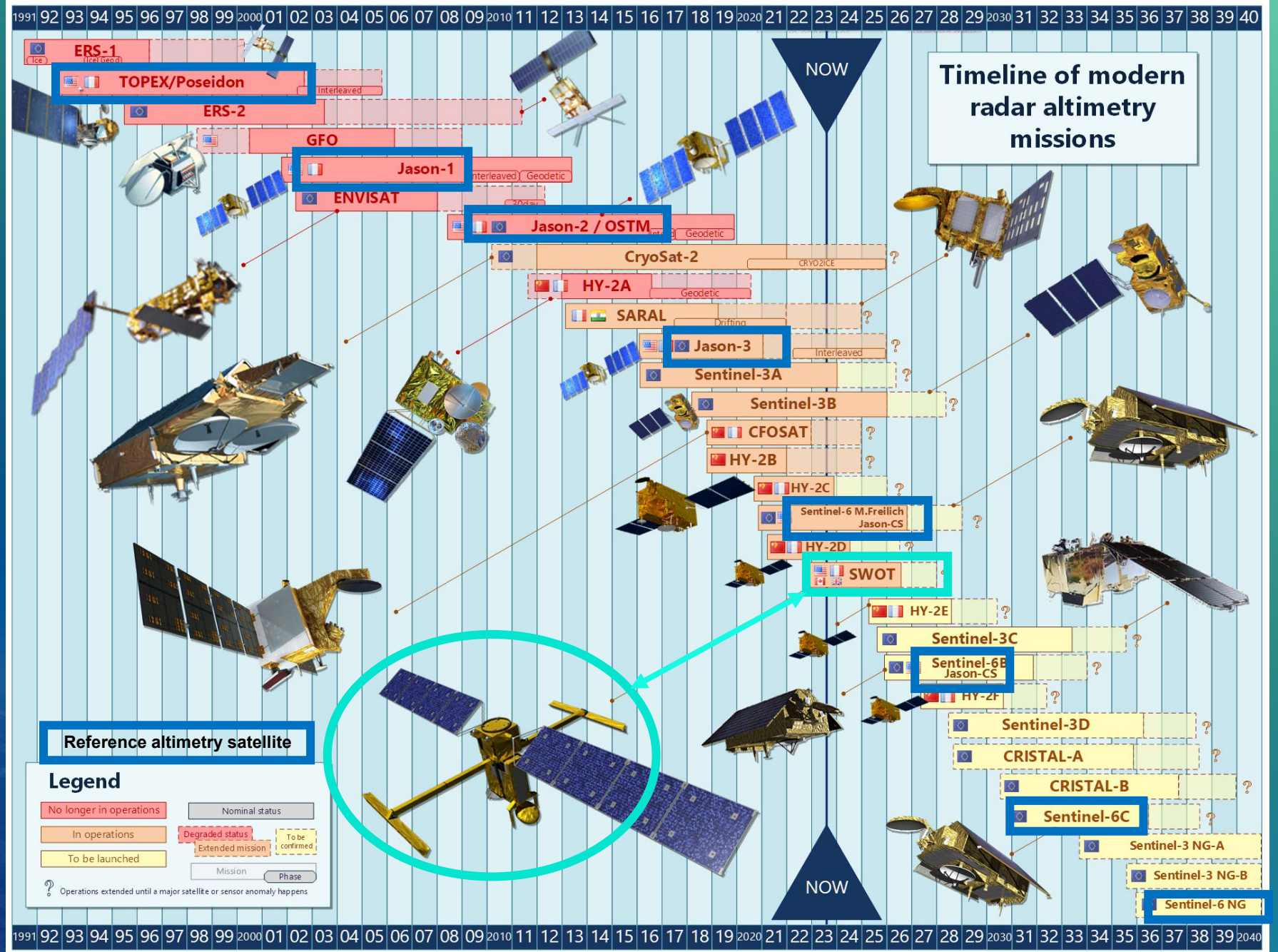
October 2, 2023: Notices of Intent due
October 30, 2023: Proposals due

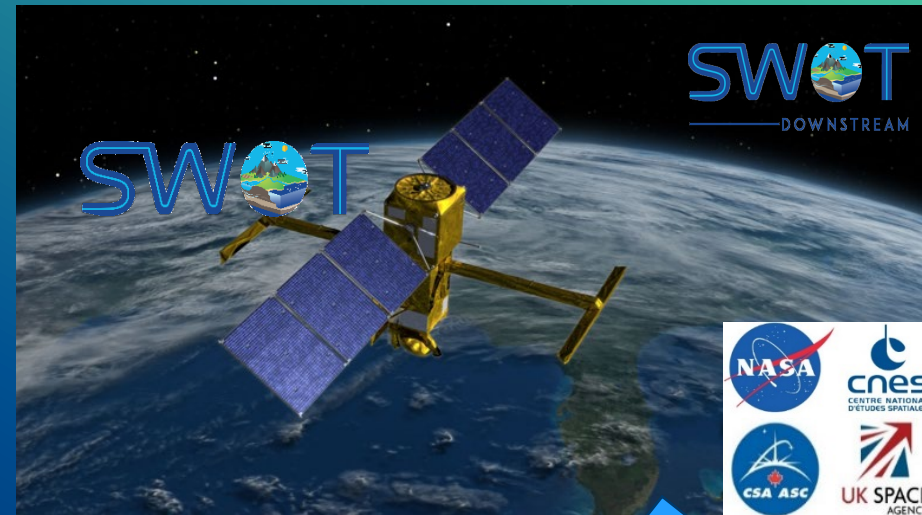


November 9, 2023: Notices of Intent due
December 15, 2023: Proposals due (first anniversary)

SWOT

First wide-swath altimeter in flight





Bilateral programs devoted WATER

Land, coastal, Ocean waters

Satellite precursors
S3 NG TOPO, LSTM

Downstream Programs

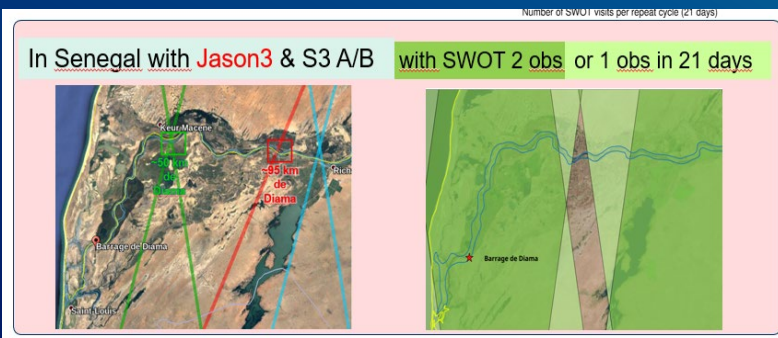


Blue water

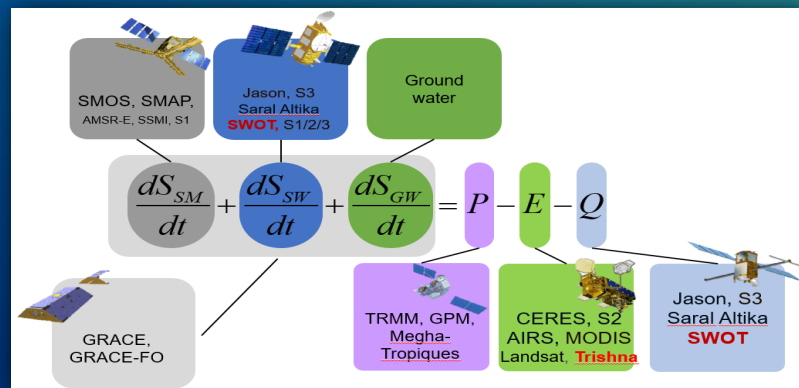
Green and Blue waters

Ecosystem stress + coastal & inland hydrology

Design Drivers



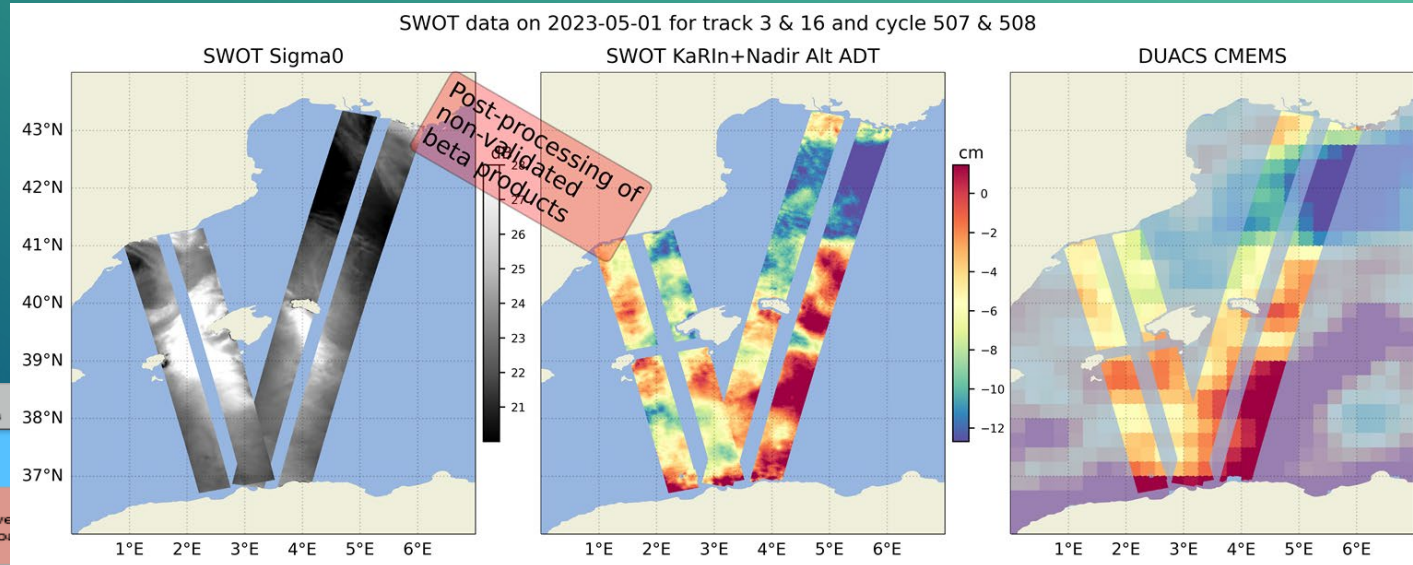
hydrweb.next



Launched Dec 16, 2022

Launch scheduled 2026

ADHAC - SWOT OCEAN CAMPAIGN - A NEW APPROACH



Cruises (-11)	SPASSO support	Area	Date (mm/dd/yyyy)	Standard data	Lagrangian diagnostics		
BIOSWOT-Med	x	Lon: -2,9; Lat: 35.5,44.5	04/01/2023 - 05/20/2023 (04/01/2022 - 05/31/2022)	- SST - CHL - currents/ssh	all		
C-SWOT-WEMSWOT	x	Lon: 0,9; Lat: 39,44	03/08/2023 - 03/31/2023	- SST - CHL - currents/ssh	- FTLE - Lon/lat adve - Retention pa - KE, OW		
NWshelf	x	Lon: 118,128; Lat: -20,-10	04/01/2023 - 06/06/2023	- SST - CHL - currents/ssh	all	Yes: Himawari geostationary SST data	nicole.jones@uwa.edu.au
SONETT	x	Lon: -14,10; Lat: -37,-30	03/07/2023 - 04/13/2023	- SST - CHL - currents/ssh	- FTLE - Lon/lat advections - Retention param - KE, OW	No	cmertens@uni-bremen.de
QUICCHE	x	Lon: 9,20; Lat: -39,-32	03/09/2023 - 04/17/2023	- SST - CHL - currents/ssh	all	No	lbeal@miami.edu
S-MODE	x	Lon: -128,-120; Lat: 32,40	04/01/2023 - 05/31/2023	- SST - CHL - currents/ssh	All	No	jfarrar@whoi.edu
CONWEST-DYCO	x	Lon: 8,30; Lat: 53,66	04/01/2023 - 05/31/2023 (05/01/2022 - 05/31/2022)	- SST - CHL - currents/ssh	all	No	natalia.herran@io-warnemuende.de volker.mohrholz@io-warnemuende.de fenoglio@geod.uni-bonn.de
California CALVAL	x	Lon: -128,-120; Lat: 32,40	03/10/2023 - 05/31/2023	- SST - CHL - currents/ssh	- FTLE - Lon/lat advections - Retention param - KE, OW	No	jinbo.wang@jpl.nasa.gov
SWOTaIis	x	Lon: 166,170; Lat: -26,-22	04/01/2023 - 05/31/2023	- SST - CHL - currents/ssh	All	No	sophie.cravatte@ird.fr lionel.gourdeau@legos.obs-mip.fr
FaSt-SWOT	x	Lon: -2,9; Lat: 35.5,44.5	04/01/2023 - 05/20/2023	- SST - CHL - currents/ssh	All	No	ananda.pascual@imedea.uib-csic.es
SWOT-Abrolhos	X	Lon: -41,-36.5; Lat: -20.5,-16.5	04/27/2023 -	- SST - CHL - currents/ssh	All	No	fabrice.hernandez@ird.fr
Marmara Sea							
Elbe estuary							





**Congratulations to all teams
who make SWOT mission a reality and a success
and who found workarounds to face impacts of...**

