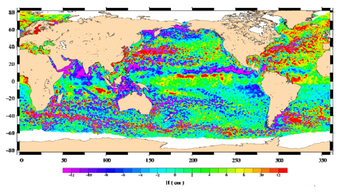
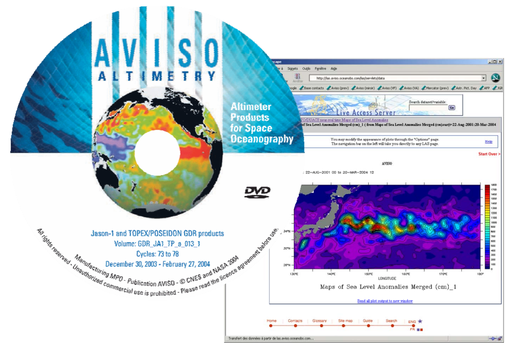
Aviso Products: take your pick!





Global altimetry products

Ssalto/Duacs Sea Level Anomalies (SLA)

Along-track sea level anomalies wrt a several-year mean
Use: ocean variability
Delay: (near)-real time & delayed time
Satellites: T/P, Jason-1, Envisat, GFO, ERS, Jason-2

Along-Track Wind / Wave data (OSDR, RA2 WWV)

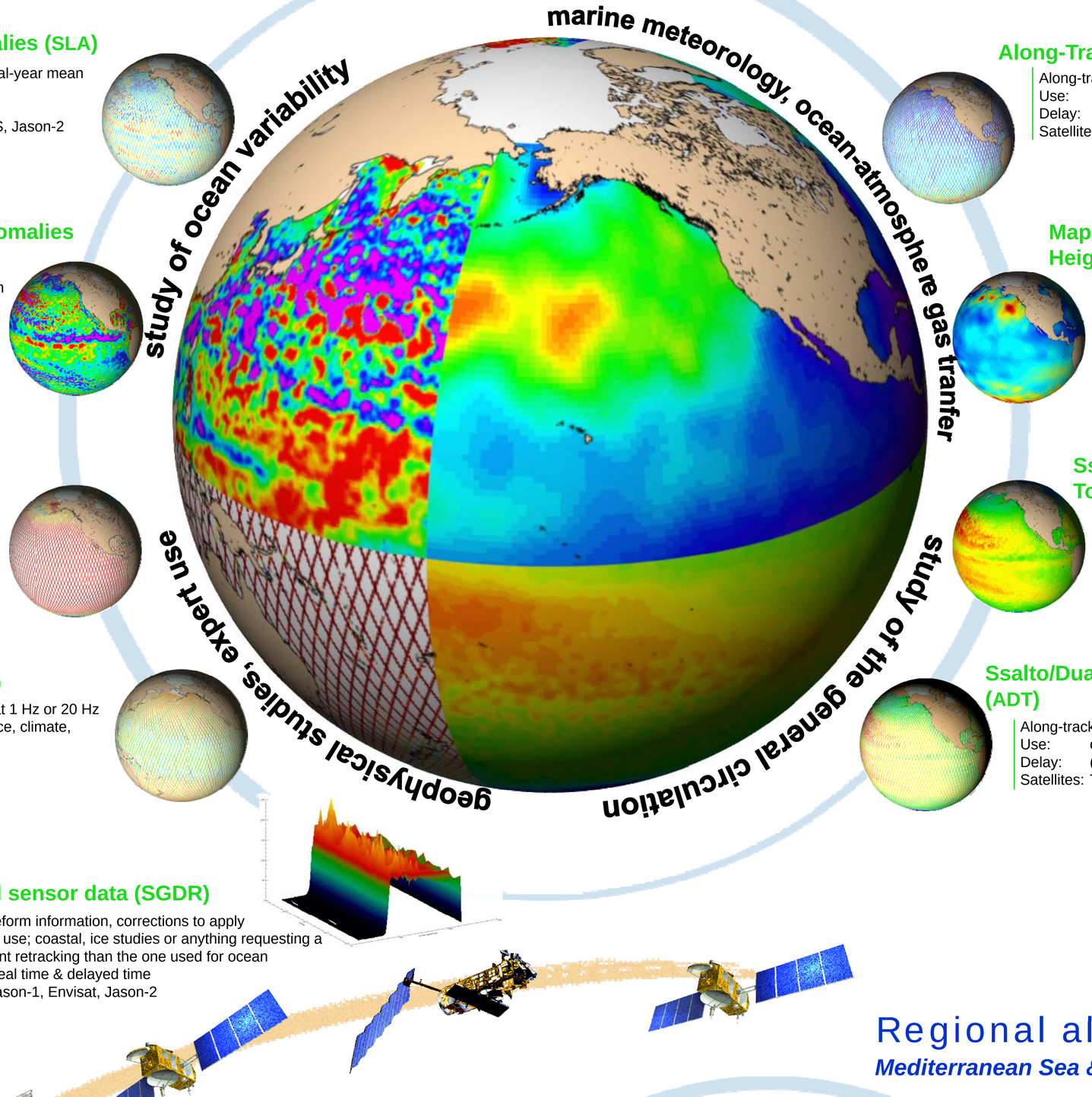
Along-track data similar to GDRs
Use: meteo
Delay: real time, delayed-time
Satellites: Jason-1, T/P, Envisat, Jason-2

Ssalto/Duacs Maps of Sea Level Anomalies (MSLA)

Gridded sea level anomalies wrt a several-year mean
Use: ocean variability
Delay: (near)-real time & delayed time
Satellites: T/P, Jason-1, Envisat, GFO, ERS, Jason-2, independently and merged

Maps of Wind speed / Significant Wave Heights (MWind and MSWH)

Gridded wind speed modulus & significant wave heights
Use: meteo
Delay: near-real time
Satellites: Jason-1, Jason-2, merged



Monomission Corrected Sea Surface Heights (CorSSH)

Along-track sea surface heights wrt reference ellipsoid + corrections and wind/wave data
Use: ocean variability, geophysics, meteo, tides
Delay: delayed time
Satellites: T/P, Jason-1, Envisat, GFO, ERS, Jason-2

Ssalto/Duacs Maps of Absolute Dynamic Topography (MADT)

Gridded sea surface height wrt geoid (dynamic topography)
Use: ocean circulation & variability
Delay: (near)-real time & delayed time
Satellites: merged

Geophysical Data Records (GDR)

Along-track altimetric measurements, averaged at 1 Hz or 20 Hz
Use: ocean variability, geophysics, meteo, ice, climate, hydology & land
Delay: near-real time & delayed time
Satellites: T/P, Jason-1, Envisat, Jason-2

Ssalto/Duacs Absolute Dynamic Topography (ADT)

Along-track sea surface height wrt geoid (dynamic topography)
Use: ocean circulation & variability
Delay: (near)-real time & delayed time
Satellites: T/P, Jason-1, Envisat, GFO, ERS, Jason-2

Geophysical sensor data (SGDR)

Along-track waveform information, corrections to apply
Use: expert use; coastal, ice studies or anything requesting a different retracking than the one used for ocean
Delay: near-real time & delayed time
Satellites: T/P, Jason-1, Envisat, Jason-2

Regional altimetry products

North-East Atlantic & Gulf of Mexico

Ssalto/Duacs Extended Sea Level Anomalies (SLA-ext)

Along-track sea level anomalies wrt a several-year mean with some corrections
Use: regional ocean variability
Delay: near-real time & delayed time
Satellites: T/P, Jason-1, Envisat, GFO, ERS, Jason-2

Regional altimetry products

Mediterranean Sea & (experimental) Black Sea

Ssalto/Duacs Maps of Absolute Dynamic Topography (MADT)

Gridded sea surface height wrt geoid (dynamic topography)
Use: ocean circulation & variability
Delay: (near)-real time & delayed time
Satellites: merged

Ssalto/Duacs Absolute Dynamic Topography (ADT)

Along-track sea surface height wrt geoid (dynamic topography)
Use: ocean circulation & variability
Delay: (near)-real time & delayed time
Satellites: T/P, Jason-1, Envisat, GFO, ERS, Jason-2

Ssalto/Duacs Sea Level Anomalies (SLA)

Along-track sea level anomalies wrt a several-year mean
Use: ocean variability
Delay: (near)-real time & delayed time
Satellites: T/P, Jason-1, Envisat, GFO, ERS, Jason-2

Ssalto/Duacs Maps of Sea Level Anomalies (MSLA)

Gridded sea level anomalies wrt a several-year mean
Use: ocean variability
Delay: (near)-real time & delayed time
Satellites: T/P, Jason-1, Envisat, GFO, ERS, Jason-2, independently and merged

Auxiliary products

Models & specific corrections

Reference surfaces

Dynamic Atmospheric Corrections (DAC)

Correction of the ocean response to atmospheric wind and pressure forcing
Use: regional ocean variability
Delay: 1 day

Mean Dynamic Topography (MDT Rio'05)

Gridded mean sea surface above geoid
Use: ocean circulation
Sources: Grace, altimetry, hydrologic and drifters data

Mediterranean Mean Dynamic Topography (MDT Rio Med)

Gridded mean sea surface above geoid
Use: ocean circulation
Sources: Grace, altimetry, hydrologic and drifters data

Tidal model (FES 2004)

Worldwide tide prediction software
Use: tide studies
Sources: altimetry and tide gauges

Mean Sea Surface (MSS CLS'01)

Gridded mean sea profile wrt reference ellipsoid
Use: geodesy, geophysics
Satellites: Geosat, T/P, ERS

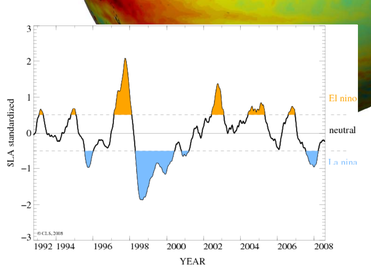
Ocean indicator product

Mean Sea Level

Mean sea level variations & gridded trend maps
Use: climate change
Delay: delayed-time
Sources: T/P, Jason-1 & merged

ENSO index & maps

Monthly means of SLA over the Tropical Pacific & index over the Nino3.4 region
Use: climate
Delay: each month
Sources: merged seasonal SLA



aviso@cls.fr
www.aviso.oceanobs.com