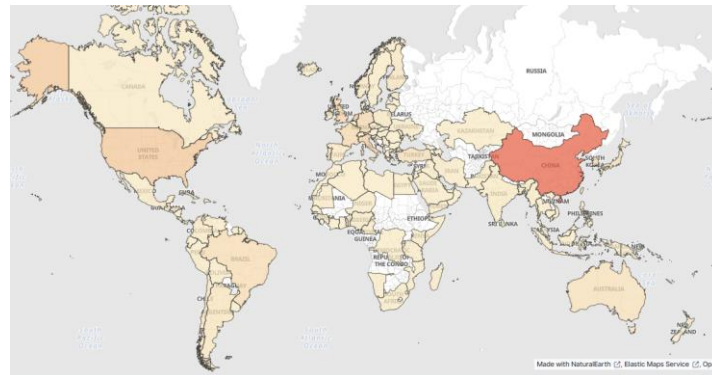
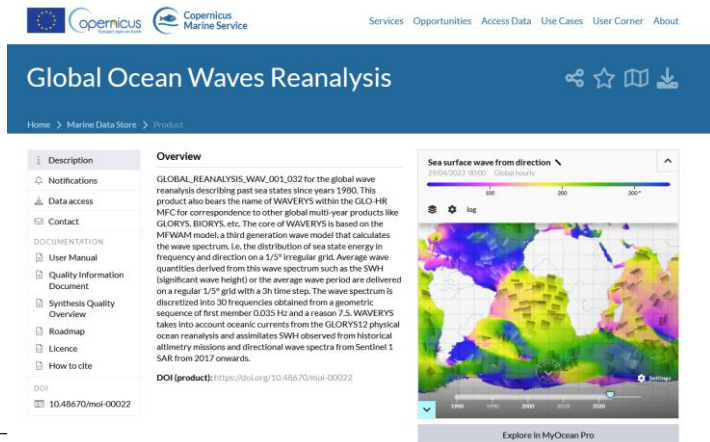
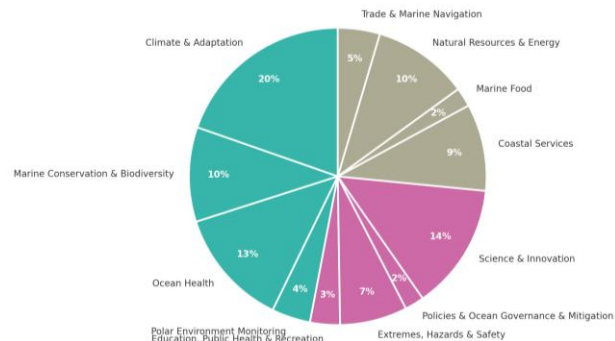


- Freely available from [Copernicus Marine datastore](#)
 - Delivered since 2021 with monthly extension
 - Widely used worldwide for various applications
- ~80 citations in scientific publications

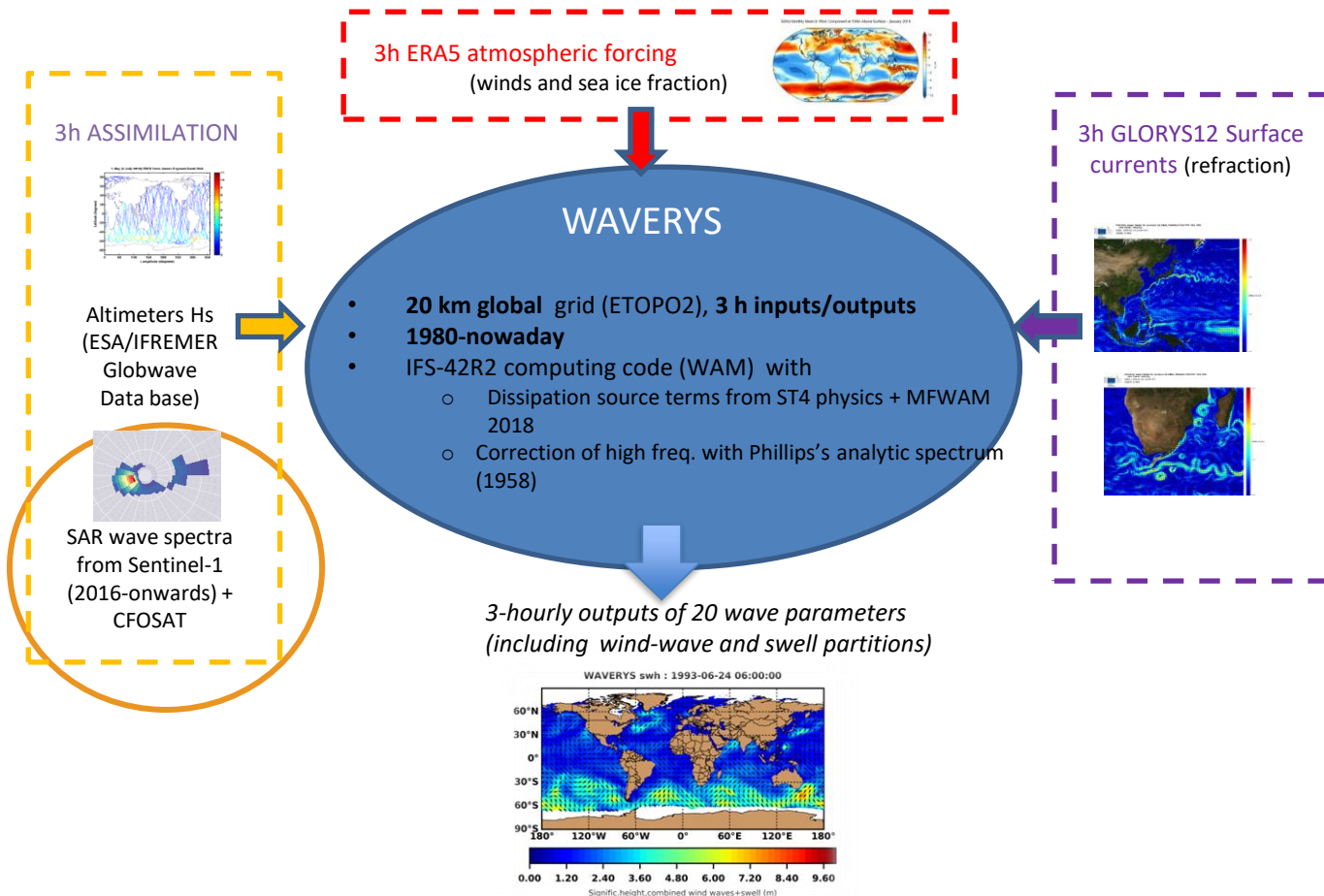
(Registered) Users

Applications



WAVERYYS V1 specifications



Moving to V2

	V1.2	V2
Resolution	Spatial : 1/5° Spectral : 30 freq, 24 dir	Spatial : 1/10° Spectral : 30 freq, 24 dir
Bathymetry	ETOPO 2006	ETOPO2022
Additional physics	-	Sea ice dissipation Bathymetry wave breaking
Altimetry SWH assimilation	Cersat Ifremer (Globwave)	CCI seastate (Copernicus wave-tac)
Wave spectra assimilation	S1, CFOSAT	S1, CFOSAT, ENVISAT
Atmospheric forcing	ERA5 (ECMWF) wind and sea ice	ERA5 wind (ECMWF)
Ocean forcing	Copernicus GLORYS ocean currents (MOi)	GLORYS copernicus (MOi) currents + sea ice
New variables		Hmax , monthly climatology, waves to ocean fluxes

The poster presents a preliminary validation of the full V2 system

Spoiler: V2 doesn't outperform V1 for now

