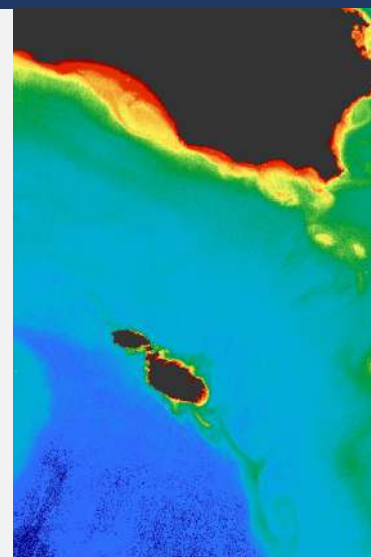




WaterColours

Computation of climatology and operational high-resolution Chlorophyll-a and Total Suspended Matter products from satellite data

- The WaterColours project is delivering unprecedented data products for Chlorophyll-a (Chl) and Total Suspended Matter (TSM) for the Maltese coastal waters.
- A climatology dataset as well as an operational system to compute the slow time critical (STC) parameters using state-of-the-art algorithms, were produced.
- The Water Framework Directive (WFD) and the Marine Strategy Framework Directive (MSFD) that Malta is committed to follow, require the continuous monitoring of the quality of the water. WaterColours is demonstrating the validity and applicability of such remotely sensed information and is also providing operational added-value services that will help national reporting obligations.



Research Survey

- Transects between Malta-Pozzallo and Malta-Lampedusa were carried out to determine the light scattering properties of the water within this region.
- During the survey, the Inherent Optical Properties were measured to help determine the coefficients required for calibration and fine tuning of the local algorithms around the Maltese islands.



Interactive Online Interface

- The resulting data products are accessible through a full and high-profile online portal accessible from the project website.

