

Product 4: Monthly time series of Total Suspended Matter (TSM)

Authors: Federico Falcini, CNR-ISAC, federico.falcini@artov.isac.cnr.it; Iacopo Vona, University of Rome "Roma Tre", iacopo.vona@gmail.com

Concentration of total suspended matter (conc_tsm, mg/l) is a product of the CoastColour L2W Concentrations Data, obtained from the OC4 algorithm for clear and moderate turbid waters, and from the CoastColour v1 neural network. L2W products were downloaded for the three Italian Seas (Figure 1).

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Input File Set

Show predefined file sets
 Show my outputs and of other users

MERIS RRG r03 L1b 2002-2012	Name: MERIS FSG v2013 L1b 2002-2012
MERIS FSG v2013 L1b 2002-2012	Type: MERIS_L1B
	Start Date: 2002-05-17
	End Date: 2012-04-08
	Region name: global

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Temporal Filter

No filter
 By date range
Start date: 2008-05-01
End date: 2008-07-31
 By date list
2008-06-01
2008-06-02
2008-06-03
92 days
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Spatial Filter

No filter (global) By region
▶ CoastColour
▼ user
adriatico
ionio
tirreno
Add and manage user regions

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Italia
Mar Tirreno
Google
Dati mappa Termini e condizioni d'uso

Figure 1. L2 Processing section of the CoastColour Calvalus on-Demand Processing portal (<http://www.coastcolour.org/ccprocessing/calvalus.jsp>).

The L2W product was then remapped on a regular grid, maintaining the 300 m full resolution, in order to obtain L3 products over the three Italian Seas (Figure 1) and monthly averaged.