

1st Iberian Ecological Society Meeting

Ecology: an integrative science in the Anthropocene



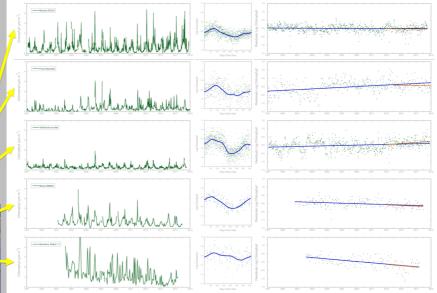
Coastal phytoplankton in a global changing world, oceanic and terrestrial factors

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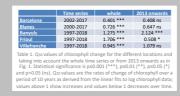
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leposition over all nean Sea (Table 4



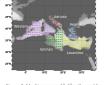


ls: Long term phyll trends of the res year (1 to 365). Right par



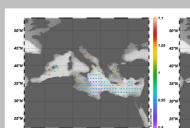
Area	1998-2017	2013-2017
Mediterranean	0.977 ± 0.002 ***	0.414 ± 0.010 ***
Western Mediterranean	0.992 ± 0.003 **	0.305 ± 0.009 ***
Adriatic Sea	1.032 ± 0.011 *	0.379 ± 0.032 ***
Ionian Sea	0.958 ± 0.005 ***	0.407 ± 0.014 ***
Aegean Sea	0.996 ± 0.006 ns	0.553 ± 0.033 ***
Levantine Basin	0.964 ± 0.003 ***	0.541 ± 0.017 ***

bregions defined in Fig. 2. Values are averages of the cells in the correspont \pm 1 SE. The columns are the computations for the whole time series icance is p≤0.001 (* Statistical signi *), p≤0.01 (**), p≤0.05 (



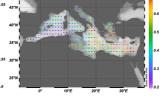
phyll from multi sate is) and for dust deposition data ting Cer

Figure 4. Examples of important sources of aero the Mediterranean. Upper panel: mineral aeross form the Sahara desert. Lower panel: anthropoge emissions, especially from high-temperature

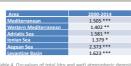








cant tendencies (p≤0.05) are shown. Upper panel: the whole time series (1998 to 2017) was used. Lower panel: o 013-2017) were used. Note the different color scales and especially that in the lower panel all values are below 1



and Middle East origin for the Medite subregions defined in Fig. 2. Statistica D1 (***), $p \le 0.01$ (**), $p \le 0.05$ (*) and p

