

Marine-coastal waters monitoring campaign

The Veneto marine-coastal waters monitoring campaign was carried out on March 5th, 6th and 8th, in collaboration with Venice Coastal Guard.

Considerations on the parameters detected

The table below shows the values measured by means of a multiparametric probe averaged in the water body.

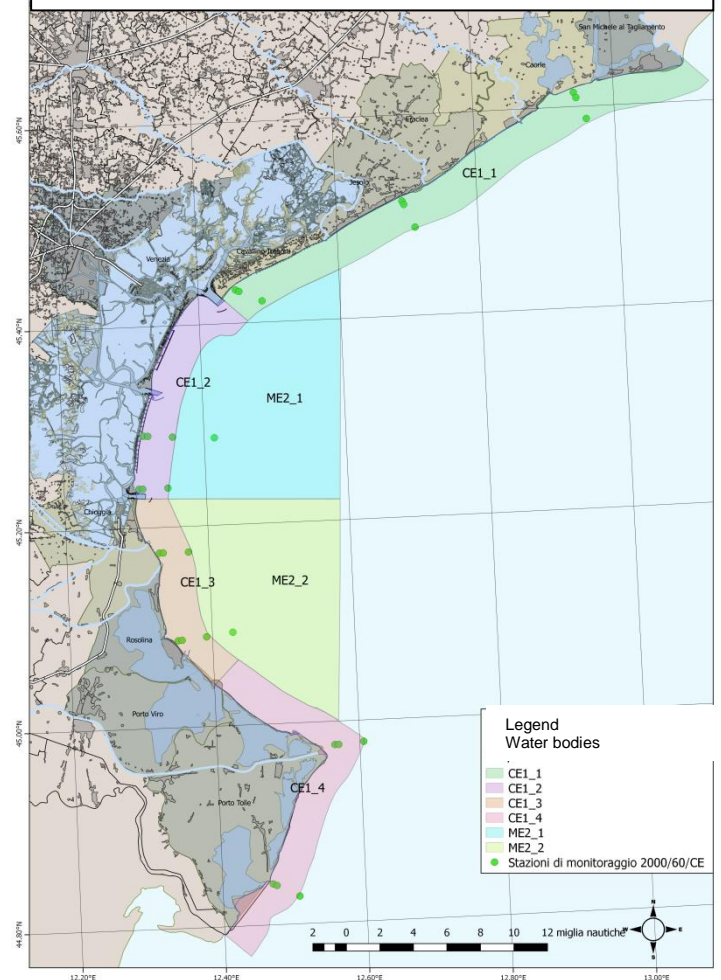
All parameters are homogeneous along the water column due to the effect of the rebound caused by the high wave motion.

Low Salinity values are detected on water bodies on south of the Venice lagoon influenced by Adige, Brenta-Bacchiglione and Po rivers. Dissolved oxygen is slightly lower than saturation in all water bodies and values of chlorophyll "a" are normally low.

The observations with underwater camera did not show the presence of mucilaginous aggregates along the water column..

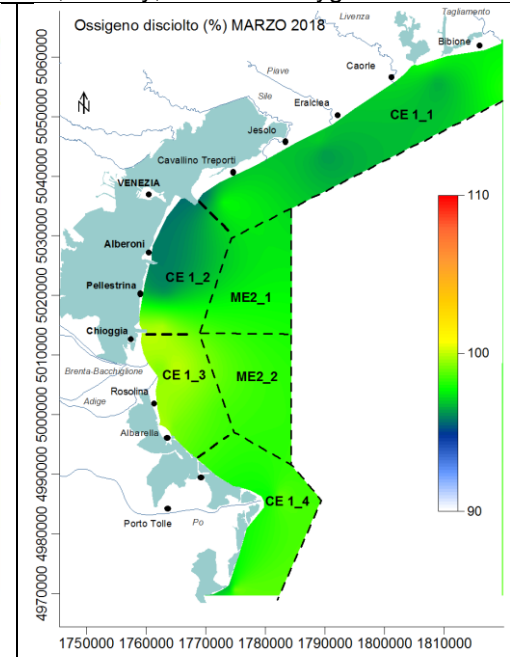
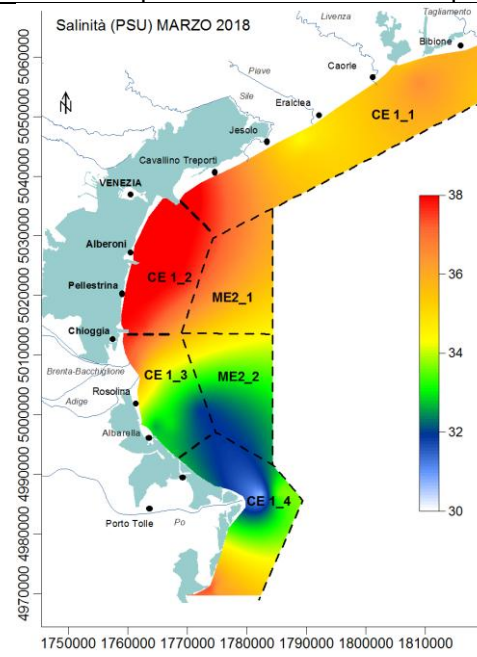
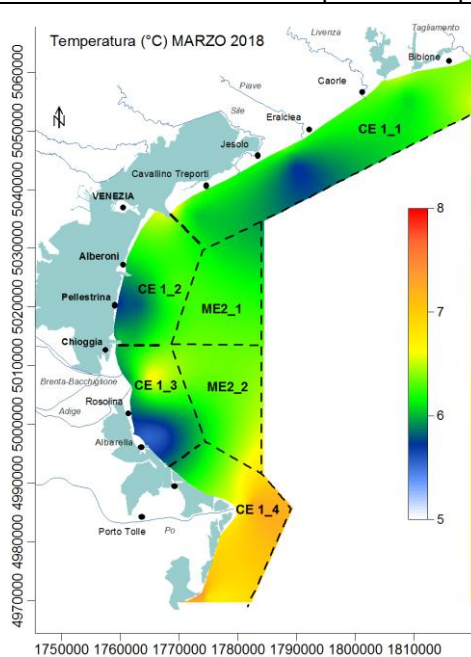
Parameters	Water bodies					
	CE1_1	CE1_2	CE1_3	CE1_4	ME2_1	ME2_2
Water temperature °C	6.23	5.81	5.88	6.73	6.29	5.99
Salinity PSU	36.29	38.01	34.49	33.34	38.01	31.90
Dissolved oxygen %	96.87	97.14	99.55	98.27	96.51	98.54
Dissolved oxygen ppm	9.43	9.44	9.89	9.65	9.28	9.94
pH	8.22	8.22	8.25	8.24	8.24	8.20
Chlorophyll "a" µg/l	0.82	1.01	0.88	0.92	1.09	0.97
Turbidity FTU	2.60	1.80	2.49	2.07	1.85	2.42

Water bodies and marine-coastal water monitoring network



Distribution maps

The maps below represent the superficial distribution of temperature, salinity, dissolved oxygen.



For information about coastal bathing water situation, please visit the website at:

<http://www.arpa.veneto.it/temi-ambientali/acqua/datiacqua/balneazione.php>