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Biogeosciences Discussions

Interactive comment on "Winter phytoplankton blooms in the offshore south Adriatic waters (1995–2012) regulated by hydroclimatic events: Special emphasis on the exceptional bloom of 1995" *by* Mirna Batistić et al.

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According to the suggestions of the reviewers, we improved the figures (5,6,7,8,9,11) for a better understanding of the problem.

Interactive comment on Biogeosciences Discuss., https://doi.org/10.5194/bg-2017-205, 2017.

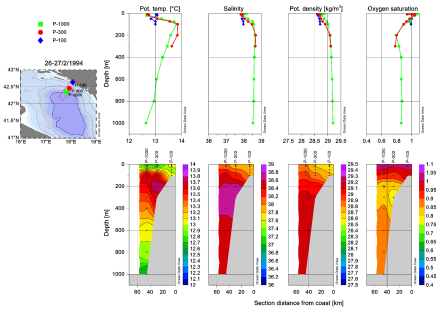

Fig. 5. Water properties in the study region in February 1994. Potential temperature (°C), salinity, potential density (kg/m^3), and oxygen saturation: vertical profiles at each station (upper panels); vertical distribution along the transect connecting the three stations (lower panels).

Fig. 1.

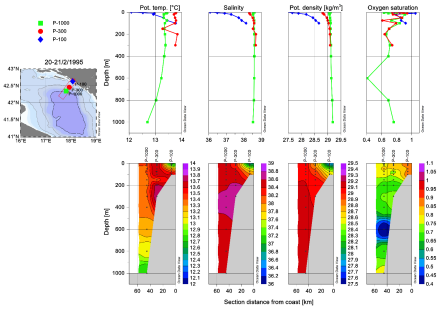

Fig. 6. Water properties in the study region in February 1995. Potential temperature (°C), salinity, potential density (kg/m^3), and oxygen saturation: vertical profiles at each station (upper panels); vertical distribution along the transect connecting the three stations (lower panels).

Fig. 2.

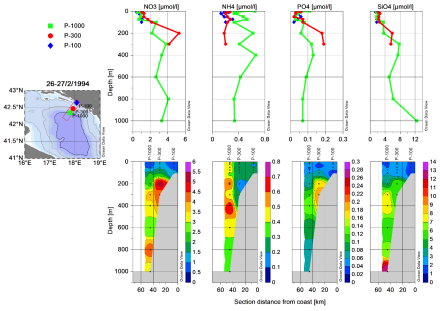

Fig. 7. Nutrient concentrations in February 1994: vertical profiles at each station (upper panels); vertical distribution along the transect connecting the three stations (lower panels).

Fig. 3.

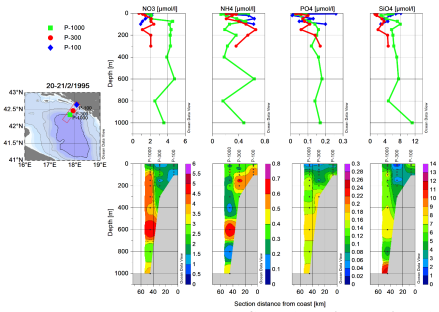

Fig. 8. Nutrient concentrations in February 1995: vertical profiles at each station (upper panels); vertical distribution along the transect connecting the three stations (lower panels).

Fig. 4.

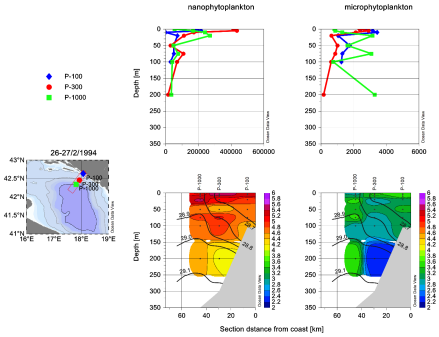

Fig. 9. Nano- and microphytoplankton distribution in February 1994. Vertical profiles at each station (upper panels, cells L^{-1}). Note: The scale for microphytoplankton is 100 times smaller than for nanophytoplankton. The vertical distribution of abundance along the section (lower panels) is on a log scale. Isopycnals 28.7, 28.8, 28.9, 29.0 and 29.1 (extracted from the potential density distribution in Fig. 5) overlay the abundance colour contouring.

Fig. 5.

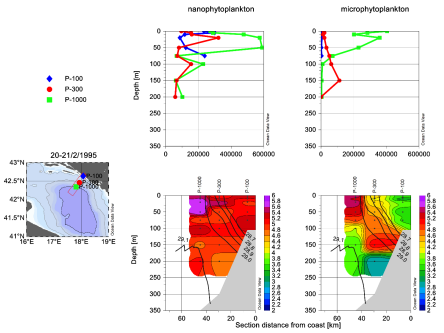

Fig. 11. Nano- and microphytoplankton abundance in February 1995. Vertical profiles at each station (upper panels, cells L^{-1}). The vertical distribution of abundance along the section (lower panels) is on a log scale. Isopycnals 28.7, 28.8, 28.9, 29.0 and 29.1 (extracted from the potential density distribution in Fig. 6) overlay the abundance colour contouring.

Fig. 6.