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ВЛИЯНИЕ ПРИБРЕЖНЫХ ТЕЧЕНИЙ НА ПРОСТРАНСТВЕННОЕ
РАСПРЕДЕЛЕНИЕ МАССОВЫХ ВИДОВ ЗООБЕНТОСАInfluence of coastal currents on spatial distribution
of the mass benthic species.

Abstract. Analysis of the spatial distribution of the mass species of zoobenthos was carried out in the water areas of the Bays: Dvojnaja and Kamishovaja (Sevastopol Bays). Between the biomass of the mass species of zoobenthos and velocity values of the vertical component of coastal currents was revealed the negative correlation. The results of numerical simulations have shown the possibility of formation of congestions of larvae zoobenthos in the bottom layer and on the bottom by unsteadiness and large variability of coastal currents due to non-stationary and variability of the wind situations.

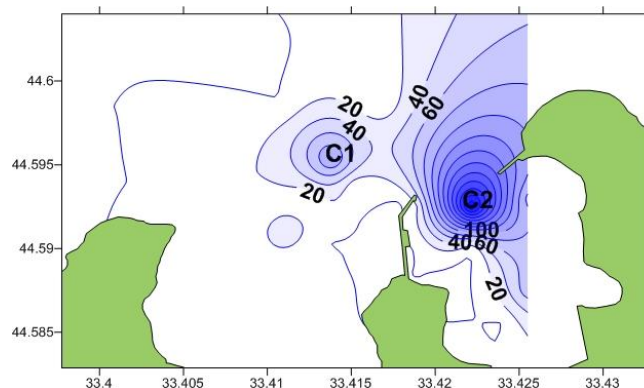


Fig. 4. The spatial distribution of biomass (g/m^2) of the *Chamelea gallina* mollusc in the study area.

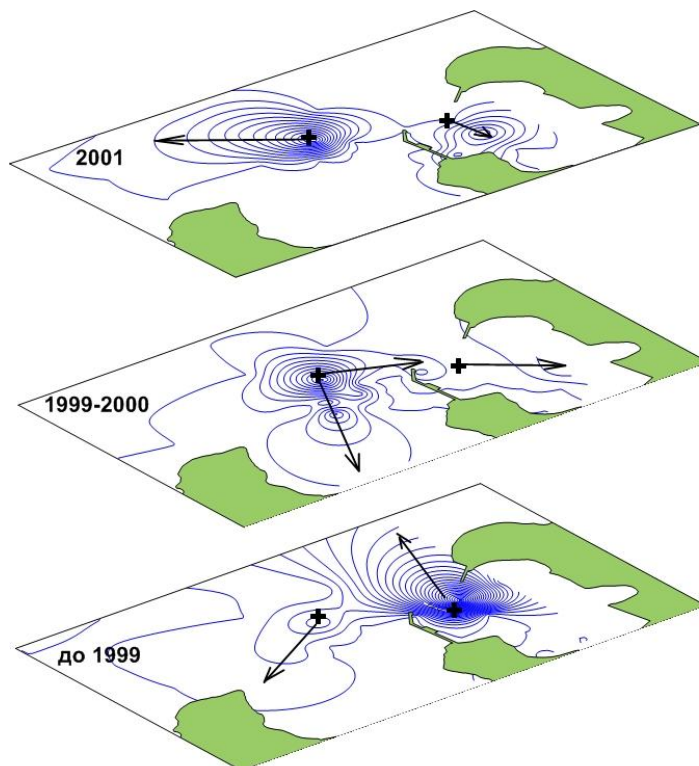


Fig. 5 The spatial distribution of the mollusks (*Ch. gallina*) biomass that settled in different years in the study area