



Upwelling in the inland seas

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Coastal upwelling is a phenomenon that occurs in a number of places in the enclosed (or semi-enclosed) seas. Upwelling can occur wherever marine water is stratified, and winds carry the surface water away from the coast. Coastal upwelling is an oceanographic term that refers to a situation in which water from sub-surface layers ascends into the surface layer and is removed from the area of upwelling by horizontal flow. The primary purpose of this report is to present the examples of coastal upwelling in the Baltic, Black, Caspian and Aral seas. The examples of pronounced upwelling appear in the images of NOAA, TERRA, AQUA and ENVISAT received last years. The factors promoting of upwelling supervision from space are considered. Everyone can see that the features of thermal structure, presence in water of a phytoplankton and organic origin of a suspension are very important. We note that coastal upwelling represent a significant phenomenon occurring regularly and have an impact on the dynamics of the water in the seas.