

ASSESSMENT OF HEAVY METALS POLLUTION IN SURFACE SEDIMENT OF THE MONTENEGRO COASTLINE

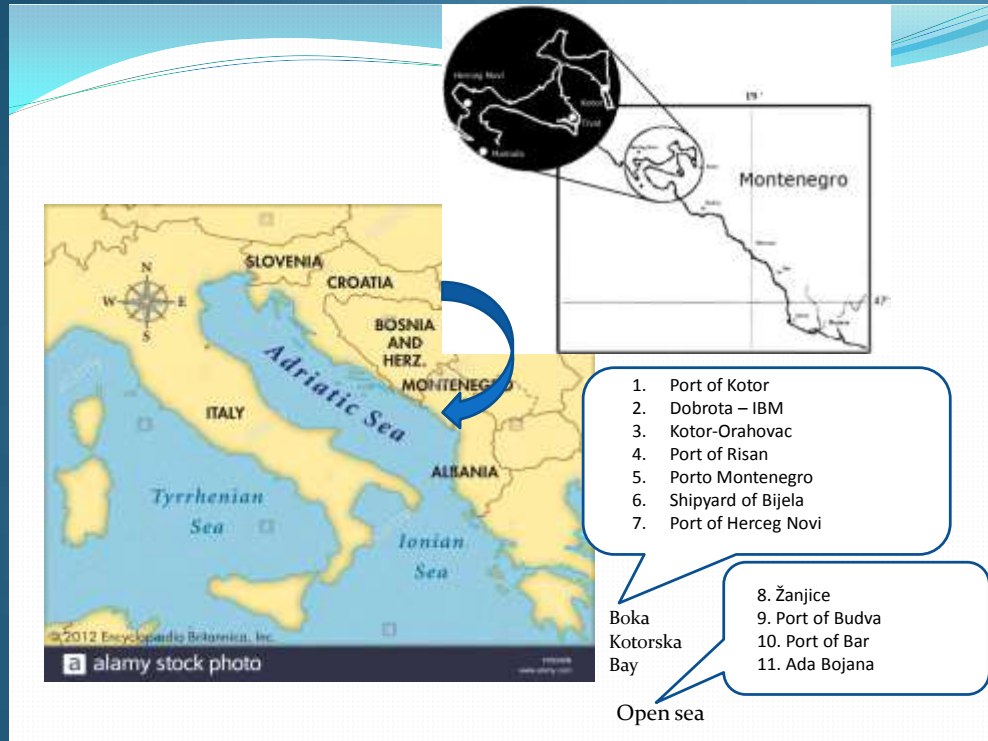
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Is the increase of pollution of Adriatic Sea with heavy metals result of Eutrophication and urbanization or is it a result of geological composition?



This was investigated ten years (2005/2016) at different stations along the Montenegrin coast (7 stations of „inner shore“ waters Boka Kotor Bay) and at four located „off shore“ Montenegrin coast).



The main reasons of contamination is high anthropogenic pressure expressed through harbor activities, marine traffics and anti-corrosion treatment for vessels

South Adriatic Sea – Montenegrin coast

The mean concentration of heavy metals in sediment decreases in the following order:

$Fe > Cu > Zn > Mn > Pb > Cr > Ni > As > Hg > Cd.$