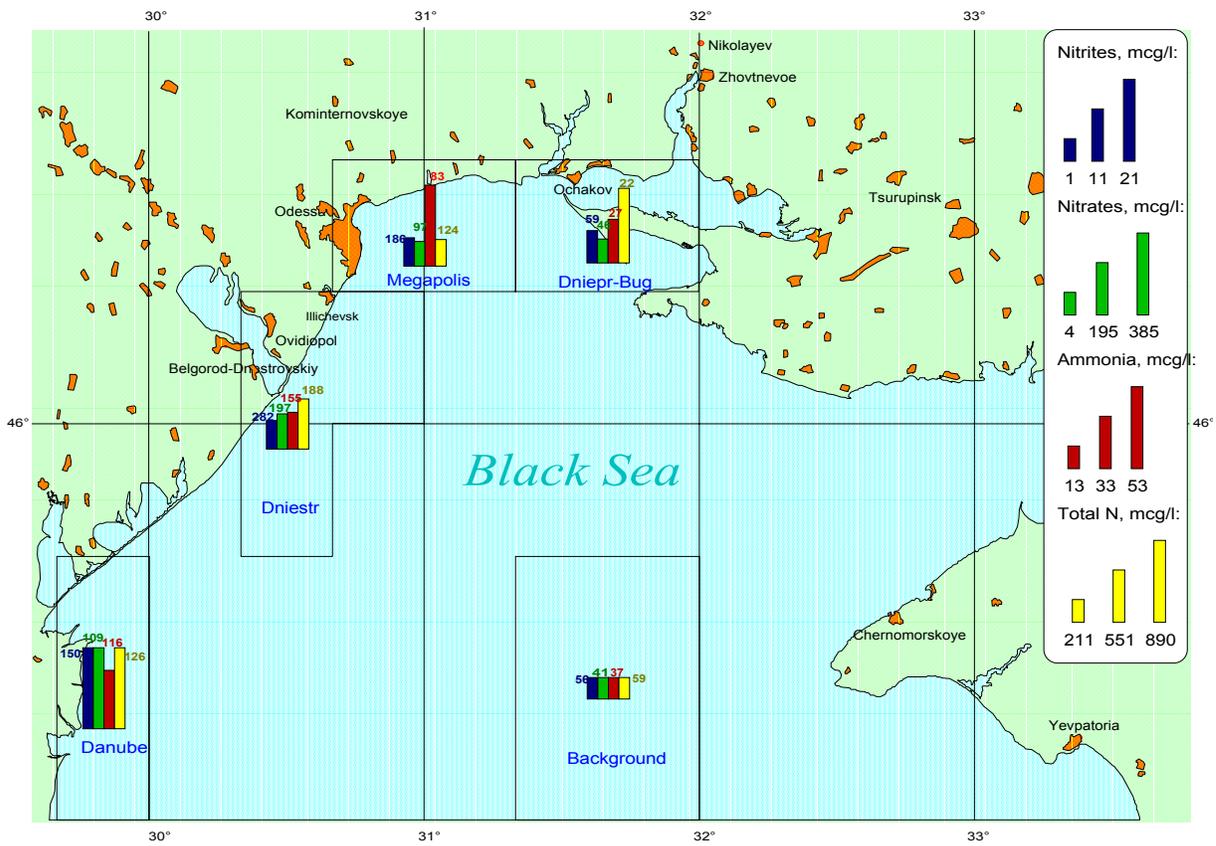


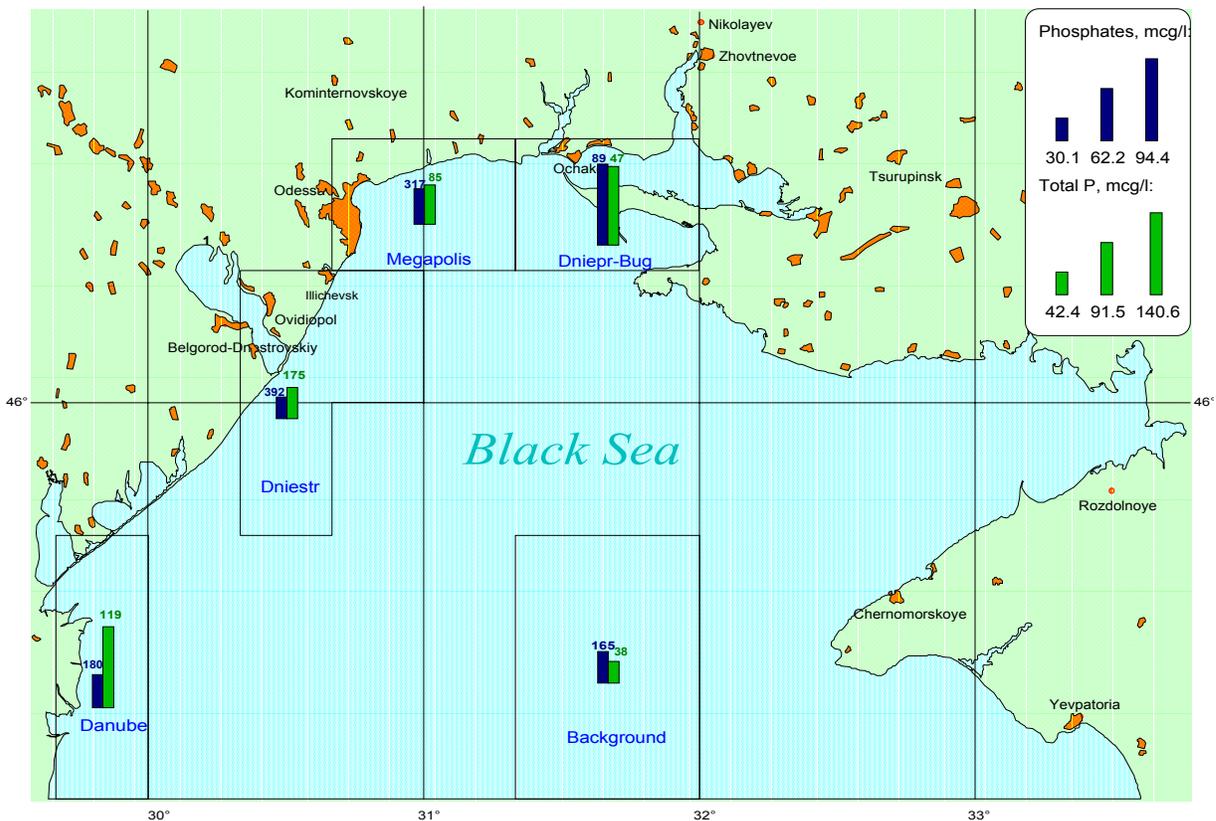
Distribution of some biogenic elements on  
NWBS polygons  
(UkrCSES, 1955-1999)

In figures 1-2 as histograms (observed data 1955-1999) the distribution of basic biogenic elements in zones of the maximal influence of discharges and in background area away from the basic sources of pollution is submitted. As it is seen from figures, constant zones of increased biogenic loads are the near mouth sea zones of Danube, Dniestrovsky and Dniepro – Bugsky limans.

a)



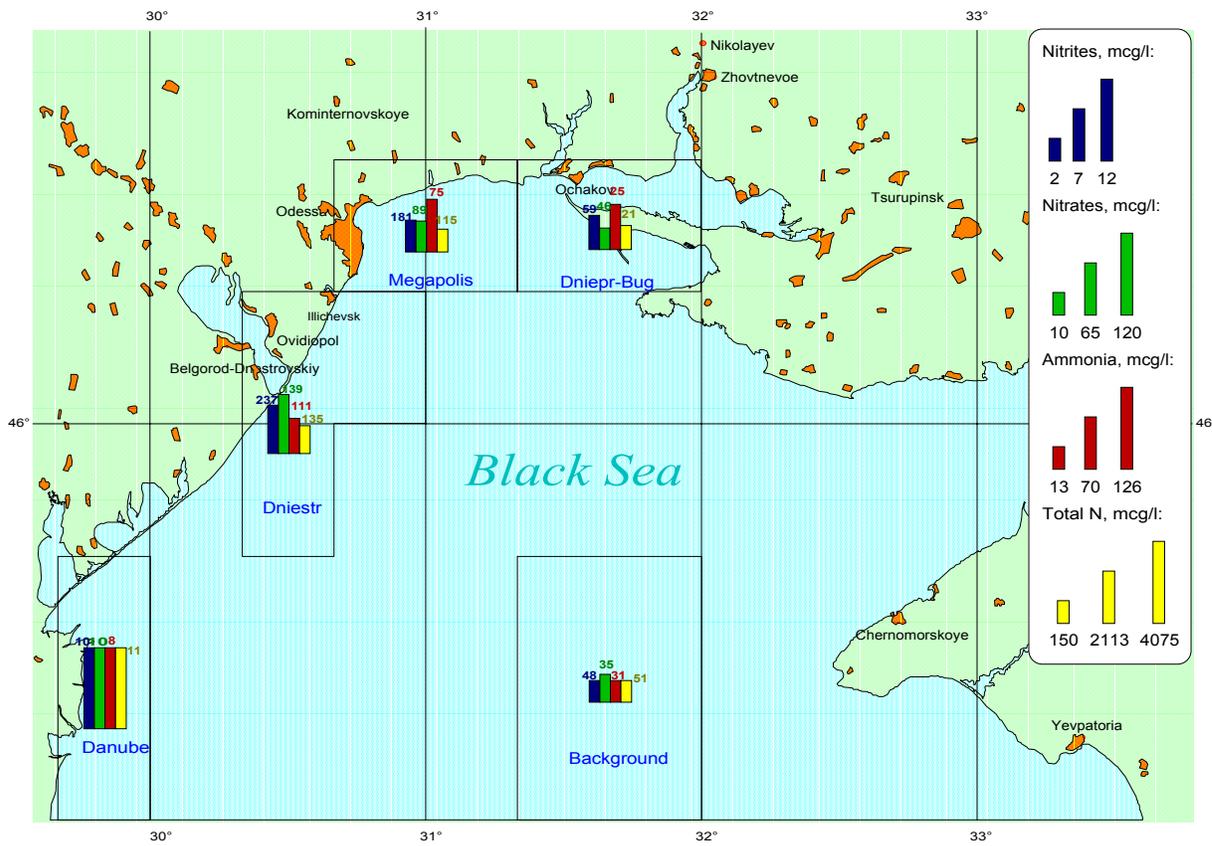
b)



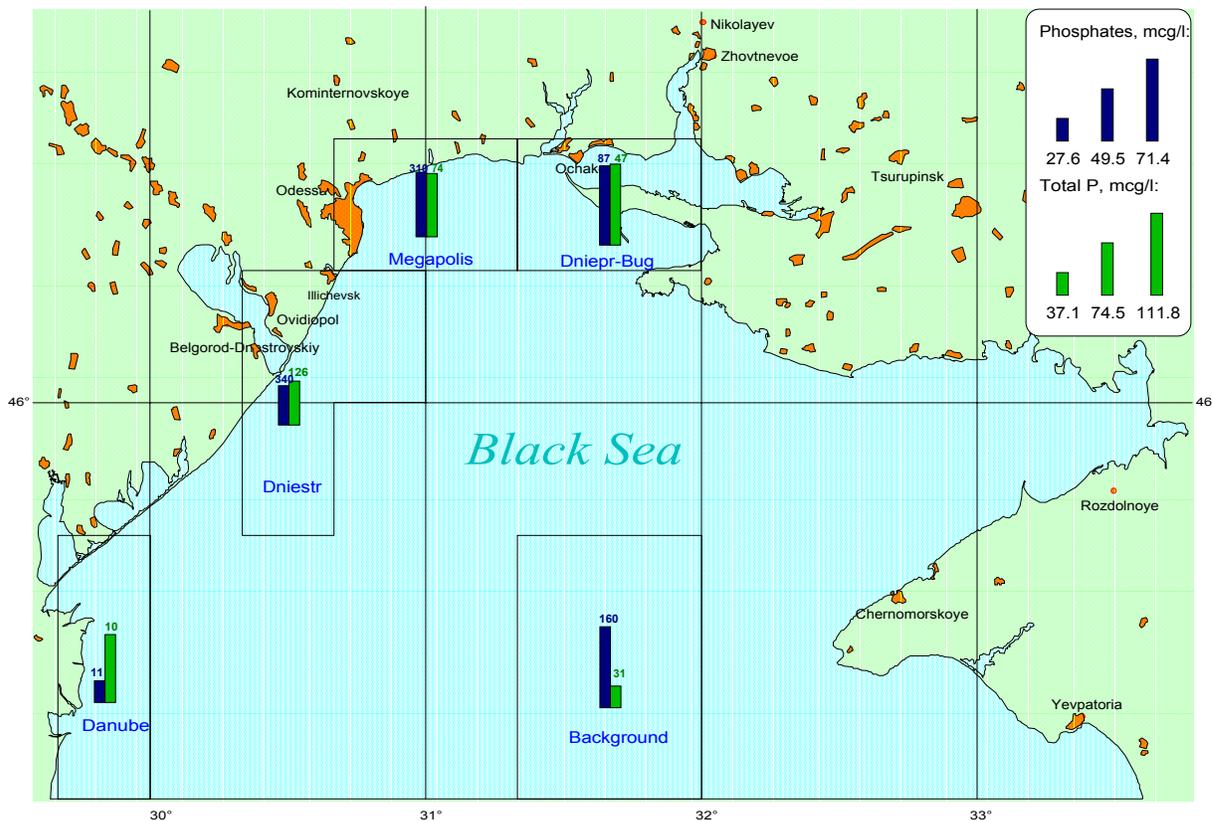
**Fig. 1 Distribution of some biogenic elements in the NWBS seawaters (surface layer) in 1955-1999:\*)**  
**a) nitrites, nitrates, ammonia and total nitrogen;**  
**b) phosphates and total phosphorus**

\*-number above each bar signs number of observations

a)



b)



**Fig. 2 Distribution of some biogenic elements in the NWBS seawaters (bottom layer) in 1955-1999:\*)**  
 a) nitrites, nitrates, ammonia and total nitrogen;  
 b) phosphates and total phosphorus

\*-number above each bar signs number of observations