HYDROCHEMISTRY OF THE TRANSBOUNDARY WESTERN BUG RIVER IN UKRAINE
The purpose of the article is to study the hydrographic features of the transboundary Western Bug River basin in Ukraine, its hydrochemical regime and ion flow, as well as possible manifestations of anthropogenic influence on them.

Methods. The methods of statistical processing of data of observation series, the method of calculating the ion flow were used.

Results. The features of the hydrochemical regime and the ionic runoff of the transboundary river are estimated. Western Bug on the main ions in Ukraine. Especially noted anthropogenic influence r. Poltva, into which the wastewater of Lviv is dumped, on the quality of water of the Western Bug.

Scientific novelty. The flow of chemicals with the waters of the Western Bug basin from the territory of Ukraine and Poland within the general part of the basin has been calculated.

Practical significance. Noted the need to comply with hydro-environmental conditions on the river. Poltva, which introduces a significant portion of chemicals in the river. Western Bug and affects the quality of its waters.

Key words: transboundary river, chemical composition of water, hydrochemical regime, ion drain.

References:


7. Tokarchuk O.V. Monitoring of surface water quality in the transboundary part of the Western Bug river basin: status and optimization problems
   Scientific notes Brest. un-that. 2011. V

8. Khilchevskyi V.K., Grebin V.V. Hydrographic and hydroeconomic zoning of Ukraine’s territory, approved in 2016 - implementation of the WFD provisions

9. Khilchevskyi V.K., Grebin V.V., Zabokrytska M.R. An estimation of hydrographical network of district of river pool of Vistula (Western Bug and San) is on territory of Ukraine in obedience to tipologii of the WFD

K
helm: Environment Monitoring Library.. 1997. 68
p
.

11.
Ertel A.M. et al Heavy load and high potential: anthropogenic pressures and their impacts on
the water quality along a lowland river (Western Bug, Ukraine) / Environ Earth Sci. 2012. V. 65.
I. 5. 1459-1473.

12.
establishing a framework for Community action in the field of water policy. Retrieved from
.

13.
Khil'chevskii V.K., Chebot'ko K.A. Evaluation of the ecological and hydrochemical state of

14.
Khilchevskyi V.K., Kurylo S.M., Sherstyuk N.P. Chemical composition of different types of
Retrieved from
https://doi.org/10.15421/111832

15.
Starodub
G.
, Karabyn
B.
, Ursulyak
P.
, Pyroszok
S.

Assessment of anthropogenic changes natural hydrochemical pool Western Bug river.
Studia regionalne i lokalne Polski południowo-wschodniej. Dzierdżiówka – Kraków, 2013. T. XI.
P. 79-90

16.
Tatukh S., Chalyi P., Mukha O., Mykhnovych A.
Natural Conditions and Man-Made Influence upon Surface Waters Quality in the Western Bug
River Basins. In: Transboundary Aquifers in the Eastern Borders of the European Union. NATO