
**NITROGEN AND PHOSPHATE POLLUTION OF
SMALL RIVERS IN THE BELGOROD REGION
IN CONNECTION WITH THE USE OF ORGANIC
AND MINERAL FERTILIZERS IN AGRICULTURAL
FIELDS**

*V. V. Kiselev, A. G. Kornilov, V. A. Kurepina
vladislav_kiselev_93@mail.ru*

Belgorod state national research University, Belgorod, Russia

The article deals with the influence of organic and mineral fertilizers applied to agricultural fields in the Belgorod region on the hydrochemical parameters of small rivers, in particular, nitrogen and phosphates.

[4].

(60 %) [3].

[1].
 : . , 0,5 ()
); , 16 () ;
 , 1,5 () ;
 , 7 () .
 10 (2008 - 2018).

()

[6]

(2012 2018),
 () .

15-17 %

10 %.

15-25 %

20 %

20-70 %.

2008 2014

2000-

2010

[2].

()
2014

40-50 %.

().

(2-3),

« »,
[5.7].

1.

» 2008-2018

«

().

2.

//

. 2019. . 43, 1. . 98-108.

3.

» /

//

(181).- . 27.- . 150-157.

4.

/

6.- . 139.

5.

//

- 2012.- 2 (45)- . 221-227.

6.

2012-2018

()

7.

».- : - // ,2012.- 15. .20.- .173-177.

1

ECOLOGICAL AND HYGIENIC ASSESSMENT OF RECREATIONAL WATER USES IN THE DON BASIN

*S.A. Kurolap, O.V. Klepikov, A.G. Baskakova
skurolap@mail.ru*

Voronezh State University, Voronezh, Russia

80 %

According to the results of environmental and hygienic monitoring of water quality in the Don River and its tributaries in places of water recreation in the Voronezh region, areas of varying degrees of ecological safety of water use were identified. It was found that in about half of the places of water and coastal recreation non-compliance with hygienic standards for sanitary-chemical indicators of water

1

(19-45-360003 _)