



---

,  
[3].

[5],

[1; 2],

[4].



..... ( ) -  
..... , -  
..... , -  
..... « » , -  
..... , -  
..... - ..... , -  
..... , -  
..... , -  
..... - ..... -  
..... -  
..... -  
..... ( « »). -  
..... , 2000–2014 . -  
82 . , 3,2 , -  
- 1,4 , -  
- 1,7 , -  
- 1,8 2,6 . -  
..... -  
..... -  
.....

---

84 .( 1990 ).

1976-1980 .- 2 , 1981-1985 .- 1,3 , 1986-1990 .- 2,3 .

70-90%, ( )

2 , .

( ) ,

1. :

1% -

(15,7 . . ). ,

2. 83,2%  
( ), 7,7% - ( )  
( ), 6% - ( )

3. 33  
1930-1970- 30-40%

4. 60  
2012 .

79- 83- , 48% -  
 38% , -  
 149,3 . ), 1980- ( 213,2  
 5. - -  
 2 , -  
 - -  
 ( - -  
 ),  
 6. : -  
 70%. -  
 « -  
 » . -  
 , ( -  
 2000 . 1 ), -  
 , -



11

3

2,4

1%

3,2

2015 .  
252,14

2008 2012

( . 1).



1

	+   +
	+ + + + +   +   +
	+ + + + + + + + + +
	+ + + +       + +
	+ + + + +       +
	+       +
	+   + +   +   +

—  
»  
+  
»  
»

—  
»  
+  
»  
»

»  
+  
»  
»

	,	-
➤		-
	;	-
➤		-
	;	-
➤		-
	,	-
➤	-	;
		,
	,	-
➤	;	-
	.	-
		-
	( .2)	-
	,	.
	.	.
	.	-
	.	-
	.	-
	,	-
	.	-
	,	-
	,	-
	.	-
	,	-

2

	<p>.....</p>		
	<p>.....</p>	<p>.....</p>	
	<p>.....</p>	<p>.....</p>	
	<p>.....</p>	<p>.....</p>	






... , ...  
...  
...  
... ;  
... ;  
... ;  
... -  
... ,  
... ,  
... ,  
... ,  
... ,  
... ,  
... ;  
...  
...  
... ,  
...  
... ,  
...  
...  
... ,  
...  
...  
... ,  
...  
... ;

1. ... // ...
- 2017.- .17, 3.- .19-34.
2. ... // ... -2016. - .16,
- 2.- .44-56.
3. ... , ...
- : ...
- :: ... ,2015. -84 .

---

4. . . . // . . . . – 2016. –  
. 12, . 1. – . 78–92.  
5. / . . . . – , . . . . – :  
, 2013. – 311 .

( , - ) – -  
,  
(670047, - , . -  
, 8, e-mail: tbard@binm.ru).  
( , - ) – -  
,  
(670047, - , . - , 8).  
( , - ) – -  
,  
(670047, - , . - , 8).

DOI: 10.15372/REG20180310

*Region: Economics & Sociology, 2018, No. 3 (99), p. 198–214*

**T.B. Bardakhanova, A.S. Mikheeva, A.K. Tulokhonov**

### **IMPROVING ECONOMIC INSTRUMENTS FOR WATER RESOURCES MANAGEMENT IN A REGION**

*The article examines the use of economic instruments for water resources management in the Republic of Buryatia and gives recommendations for their improvement. The research methodology is based on an integrated approach, analysis of instruments to meet the goals of water policy, complete its objectives, and satisfy efficiency criteria. We identify the development problems of the water sector and the main economic instruments to regulate its operation. It is concluded that the instruments used are ineffective and poorly comply with the goals and objectives of water policy and socioeconomic development policy of the Republic of Buryatia. We show ways to improve instruments for water resources management.*

**Keywords:** Baikal region; the Republic of Buryatia; water resources; economic instruments; fees; water rate; water pollution charges; subsidies



---

## References

1. *Burmatova, O.P.* (2017). Vyzovy v oblasti formirovaniya blagopriyatnoy ekologicheskoy situatsii v Rossii i puti ikh preodoleniya [Challenges in forming favorable ecological situation in Russia and the ways of their overcoming]. *Mir ekonomiki i upravleniya* [World of Economics and Management], Vol. 17, No. 3, 19–34.
2. *Burmatova, O.P. & T.V. Sumskaya.* (2016). Finansovye aspekty obespecheniya ekologo-orientirovannogo razvitiya [Financial aspects of providing the ecological oriented development]. *Mir ekonomiki i upravleniya* [World of Economics and Management], Vol. 16, No. 2, 44–56.
3. *Proskuryakova, L.N., O. Saritas & S.B. Sivaev.* (2015). Vodokhozyaystvennyy kompleks: globalnye vyzovy i dolgosrochnye tendentsii innovatsionnogo razvitiya [Water Management Complex: Global Challenges and Long-term Trends of Innovative Development]. Moscow, NRU HSE Publ., 84.
4. *Tagaeva, T.O., V.M. Gilmundinov & L.K. Kazantseva.* (2016). Ekologicheskaya situatsiya i prirodookhrannaya politika v regionakh Rossii [Ecological situation and environmental protection policy in Russian regions]. *Ekonomika regiona* [Economy of Region], Vol. 12, Is. 1, 78–92.
5. *Danilov-Danilyan, V.I. & V.G. Pryazhinskaya* (Eds.). (2013). *Ekonomicheskie i territorialnye aspekty upravleniya vodokhozyaystvennym kompleksom* [Economic and Territorial Aspects of Management of Water Complex of Russia]. Moscow, Russian Academy of Agricultural Sciences Publ., 311.

## Information about the authors

*Bardakhanova, Taisiya Borisovna* (Ulan-Ude, Russia) – Doctor of Sciences (Economics), Leading Researcher at the Baikal Institute of Nature Management, Siberian Branch of the Russian Academy of Sciences (8, Sakhyanova st., Ulan-Ude, 670047, Russia, e-mail: tbard@binm.ru).

*Mikheeva, Anna Semenovna* (Ulan-Ude, Russia) – Doctor of Sciences (Economics), Chief Researcher at the Baikal Institute of Nature Management, Siberian Branch of the Russian Academy of Sciences (8, Sakhyanova st., Ulan-Ude, 670047, Russia).

*Tulokhonov, Arnold Kirillovich* (Ulan-Ude, Russia) – Member of the RAS, Scientific Supervisor at the Baikal Institute of Nature Management, Siberian Branch of the Russian Academy of Sciences (8, Sakhyanova st., Ulan-Ude, 670047, Russia).

09.07.2018

© .., .., .., 2018