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8.

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302 : 630 : 5(477.86)

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»,

*The amount of phytomass and deposited carbon in forests of the Carpathian NNP and their contribution to the carbon budget of the region have been defined. Adapted and implemented methodology for calculating biproductivity of tree stands by components of phytomass and depositing carbon was to find out their multifactorial dependencies on mensurational characteristics of stands, which are specified in the State forest inventory data. As the depending variable in modeling the dynamics of phytomass components of stands conversion factor was used (ratio of the mass of phytomass fraction to volume of trunk over bark).*

*Key words: phytomass, deposited carbon, biproductivity, stock, tree stand.*

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[2].

, H. Madgwick.

70-

, 1975 ).

( . . . , 1970 .;

(2003 ).

[3],

[4, 5].

2001 .. 1 1982 .., 1989 ..

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2) ( , , , , - , , , ) ( , , , , , );

3) ( , , , , ) ;

4) ( . . ) .

« » 1.01.2010 .

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		01.01.1982 .		
, <sup>3</sup>	33,6	30,3	3,0	0,3
, %	9,843	8,998	0,816	0,029
	100,0	91,4	8,3	0,3
		01.01.1989 .		
, <sup>3</sup>	34,3	30,5	3,4	0,4
, %	11,738	10,630	1,067	0,041
	100,0	90,6	9,1	0,3
		01.01.2001 .		
, <sup>3</sup>	34,0	30,1	3,5	0,4
, %	12,672	11,337	1,282	0,053
	100,0	89,5	10,1	0,4
		01.01.2010 .		
, <sup>3</sup>	33,9	30,0	3,5	0,4
, %	13,239	11,824	1,350	0,065
	100,0	89,5	10,1	0,4

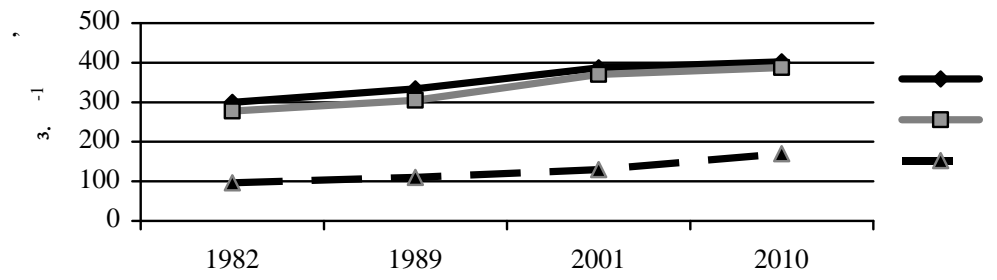
1982 2010 ,

1 2010 .

391<sup>3. -1</sup>, , 262<sup>3. -1</sup>.

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34% ( .).



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		( )			( ) <sup>-1</sup>			( ) <sup>-1</sup>	
3 563,8	536,6	303,7	682,2	65,8	5 152,10	21,1	2 557,5	10,5	
1 161,3	201,8	89,4	361,6	25,5	1 839,6	19,6	914,2	9,7	
7,1	1,0	0,7	1,8	0,1	10,7	19,8	5,3	9,8	
0,4	0,1	0,0	0,1	0,0	0,7	18,4	0,3	9,1	
4 732,6	739,5	393,8	1 045,7	91,4	7 003,1	20,7	3 527,7	10,4	

0,5

0,45 –

[7].

3,48

13,239

01.01.2010  
33,9  
7,0

( . 3).

3

	163 660,04	81 559,22
-	99 859,19	49 684,90
	44 797,02	22 300,53
	101 362,67	50 468,39
	409 678,92	204 013,04

204 3,

2%

∴ I. . . . . / . . . . .  
∴ , 2008. – 345 .

2. . . . .], - .: . . . . , 1993. - 214 . / [ . . . . , . . . . , . . . . ] / . . . . . - . . . . : . . . .

3. . . . . : [ . . . . ] / . . . . . - . . . . : . . . . , 2002. - 256 .

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5. . . . . . . . . . . / . . . . , . . . . . - .: . . . . , 2008. - 1. - . 227-231. - ( « . . . . , . . . . , . . . . »).

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351.71 : 504.062.2

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*The article focuses on topical issues of rational use and protection of natural resources, improving tax regulation of environmental using and reform of the tax system as a whole. There was defined the range of tasks for the state tax policy in the environmental sphere and aims of its strategic orientation. The problem oh the economy at the micro level, together with the conservation and rational use of natural resources.*

*Key words: natural resources, taxation, environmental pollution, tax system, tax regulation mechanisms of environmental using.*