

591.95

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, 4, 79000, . , ,

, 41, 79000, . , ,

- - (1992, 2012).

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2012 . 100 , - -

, 20- , - -

- - (1992) (2002).

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2012 .

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... , 1906 2008 .

0,74° .

. 1992 . -

3,1 / , -

... , -

-2012

“ , ” . ,

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... , -

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(sustainable development)

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, *Homo sapiens*, ,

, , .

, , . -

820

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(1972), 2

( ).

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[18].

1997 .

2003 . 1999 .

2009 .

2011 . 2020 ” “ ( )

2011–2015 .

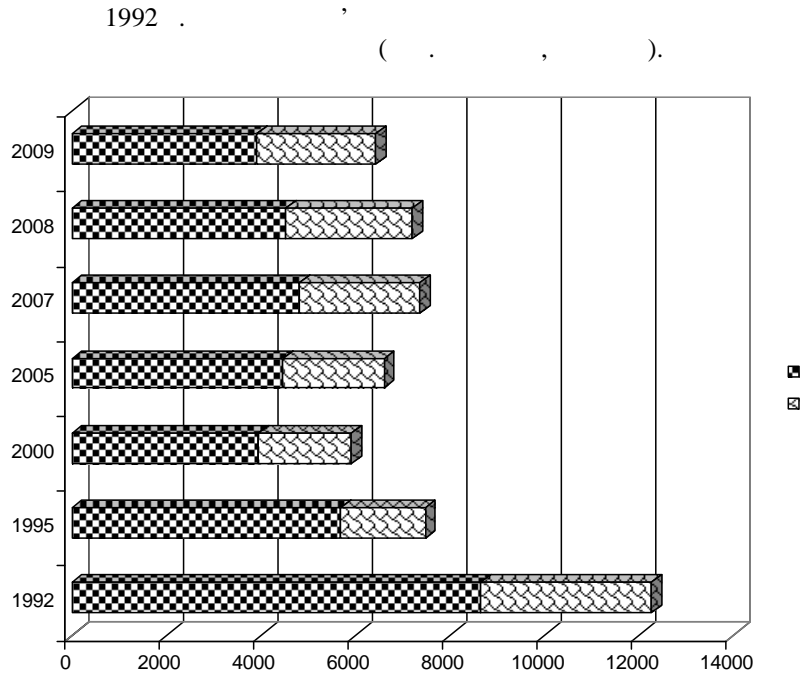
( )

90- [20,  
21] , . . . . .  
[4, 23] -  
-  
[10, 11] -  
-  
[8] -  
-  
[6]. -  
[2]. -  
1992 .  
-  
-  
-  
(*Ratus norvegicus*), (*R. niger*) -  
-  
68,6 % -  
646 3 [17].  
-  
20 ( ).  
( 10 15 % ).  
2,5

1990–2010  
 [5, 12, 14, 16, 17]

	1990	1995	2000	2005	2010	1990–2010
	51,9	51,1	48,9	46,9	46,0	- 5,9
1 000	12,6	9,6	7,8	9,0	10,8	- 1,3
1 000	12,1	15,4	15,4	16,6	15,2	+ 3,1
:	15 549,4	7 483,5	5 908,6	6 615,6	6 678,0	- 8 871,4
:	9 439,1	5 687,0	3 959,4	4 464,1	4 131,6	- 5 307,5
	6 110,3	1 796,5	1 949,2	2 151,5	2 546,4	- 3 563,9
3	35 615,0	25 512,0	18 282,0	15 083,0	14 846,0	- 20 769,0
3	20 261,0	14 981,0	10 964,0	8 900,0	8 141,0	- 12 120,0
:	3 199,0	4 652,0	3 313,0	3 444,0	1 744,0	- 1 455,0
	470,0	912,0	758,0	896,0	270,0	- 200,0
	–	–	26 244,1	21 674,0	20 587,7	- 5 656,4
	–	–	2 613,2	2 411,8	1 659,8	- 953,4
, %	–	–	52,6	35,8	38,7	- 13,9
, %	–	–	16,0	17,3	17,8	+0,5
( ),	407,0	417,6	887,5	1 104,3	1 310,5	+ 903,5
	–	2 698,5	3 234,3	7 089,2	11 073,5	+ 8 375,0

40 %  
 70–90 %  
 20 %  
 2009 .  
 – 234 [17], – 84  
 2009 . : – 321,6 , – 283,9  
 150,4, – 110 [16].  
 (CO), (4), (N<sub>2</sub>O), (SO<sub>2</sub>),  
 ( ) 350, 100 1 2

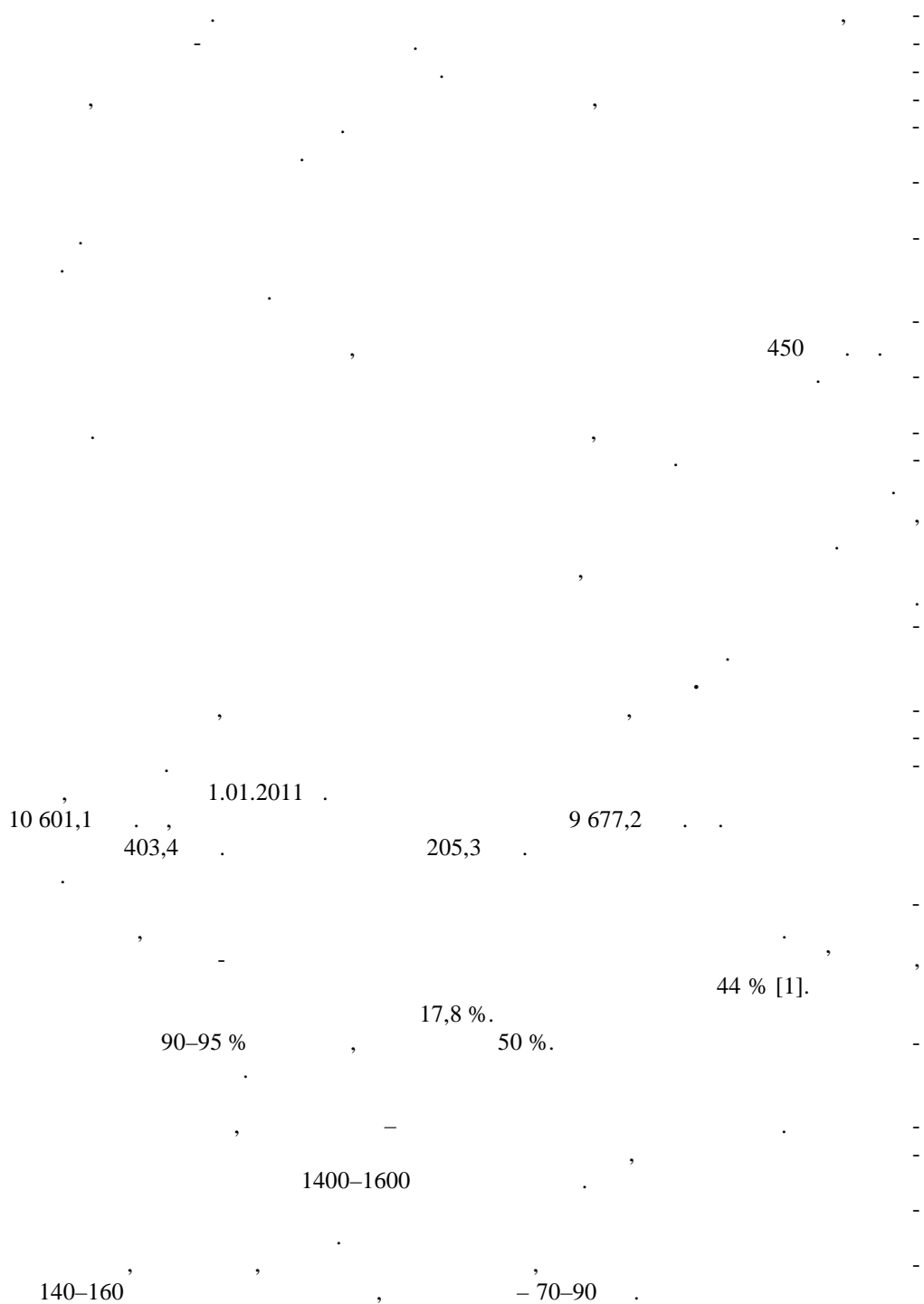


20-  
2000 . ,  
( ). 5-20  
25 % N<sub>2</sub>O. 80 % SO<sub>2</sub>  
2011 .  
2018 .

				2010 .
(6 331,8),	20 587,7 . . .		(8 259 . . ),	-
-	(1 855 . . )	[16].		-
	40 % ( . . ) .			-
		2		-
				-
	2000 .			-
				-
5			2009 .	25 (
	) [17].			400
				-
				-
				-
				-
				-
				-
				-
				-
				-
		31,4 %	[16].	-
				-
				-
				-
( <i>Digitarieta</i> ),	( <i>Erigeroneta</i> )			-
	-		( <i>Setarieta</i> ),	-
( <i>Agrostideta</i> )			( <i>Festuceta</i> ),	-
				-
	( <i>s lva genesis</i> ) –			-
<i>pendula</i> ),	( <i>Prunus spinosa</i> ),		( <i>Salix</i> ),	( <i>Betula</i> )
				-
				-
				-
				-
				-
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				-
				-
				-
				-
		1	2011 .	-
42 791,8 . . .			41 576 . .	-

		32 476,5	.	,	53,8 %	-
[17].			.	,	1 028,3	.
			.	,	979,9	.
			.	,	151,3	.
			.	,		.
		- 72,5 %.		,		.
			.	,	5-10 %,	.
		40 %		,		.
			.	,	43,2 %	[17].
			.	,		.
27 %			.	,		[22].
	80-		.	,		.
	25		.	,	60	,
“	”	2,4	/	[4].		.
			.	,	1967-1996	(40 )
	[9],	3,04	.	,	:	2006
2011			.	,	150,8	[14].
			.	,	1	0,7
			.	,	20	.
30			.	,	30 %	[18].
			.	:		.
			.	,		.
	(	,	)	,		.
			.	,		.
			.	,		.
(60 %	)	[16].		,	27,8	.
			.	,		.
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			.	,		.
			.	,		[14].
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**ECOLOGICAL SECURITY OF VITAL ENVIRONMENT IN UKRAINE  
AND SUSTAINABLE DEVELOPMENT PROGRAM**

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<sup>2</sup>*Ivan Franko National University of Lviv,  
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It is analyzed key indicators of sustainable development in Ukraine after the Summit of Rio-de-Janeiro in 1992 and data on the ecological safety of vital environment in urban and rural areas. It is disclosed current problems of forest management and conservation of Ukrainian biological and landscape diversity. It is defined preventive measures of protection and conservation of Ukraine vital environment from position of sustainable development.

*Key words:* sustainable development, ecological safety, vital environment, preventive measures.