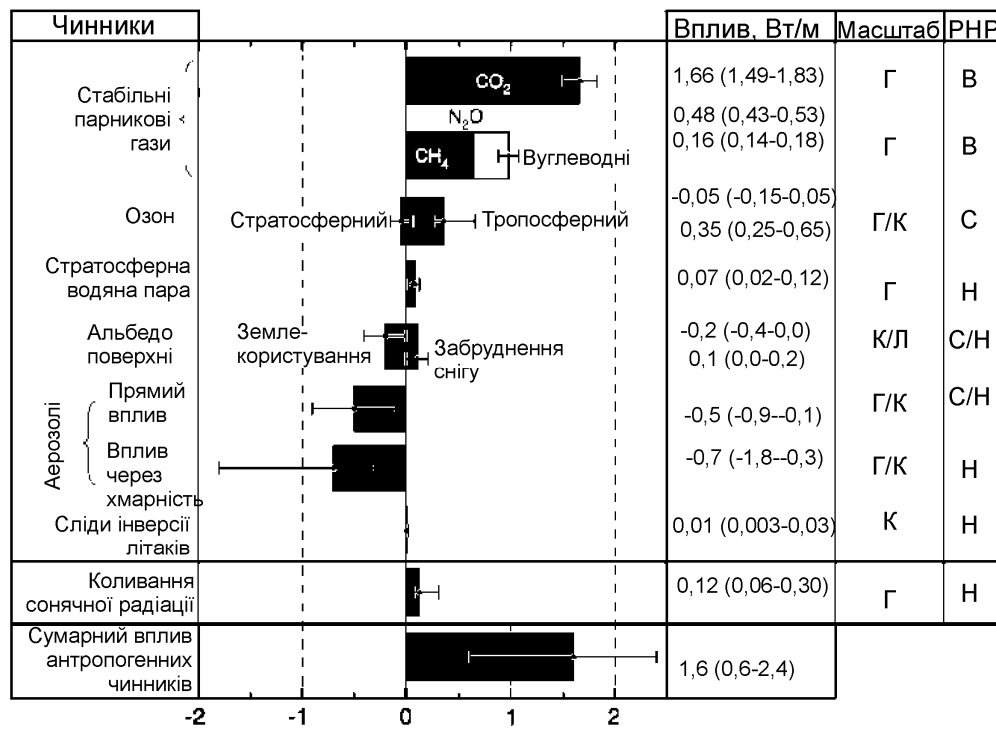


551.524.35: 551.583.14

, 41, . , 79000,  
e-mail: alemkrt@yahoo.com

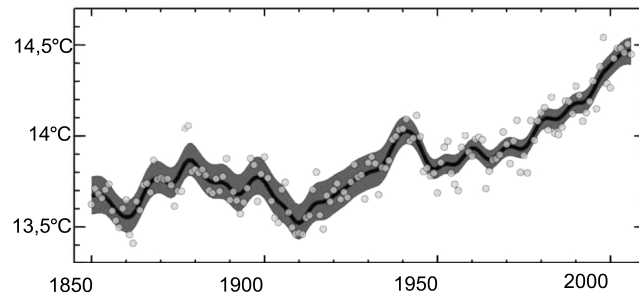
1988 . 1896 . ( )  
( ),  
[4].  
0,028 % 0,0381 % 2006<sup>2</sup> .:  
0,0002 % 80 %

2 , , 20 % –  
 ( , ).  
 27 . 2.  
 4,3 / ,  
 20 / . ,  
 – ( ) ( )  
 20 %). 0,6 2,4 / <sup>2</sup> ( – 1,6 / <sup>2</sup>). 90 % -  
 10 -  
 [4].



. 1. ( 2007 .  
 [4]). : – , – ;  
 – : – , – ;  
 – / <sup>2</sup>. –  
 0,9 ( – 90 %).  
 . 1 ,  
 CO<sub>2</sub>.

CO<sub>2</sub> 2,0-4,5 ° [4].



2007 . 2. ( [4]).

. 2 150 . 0,9 ( .) 100 (1906-2005) 0,74 ° , 1980- 1995-2006 . ( 1850 .)

3 , 1993 2003 . ( 17 . )

1930- 1990- [4].

[4].

( 125 . ) 1300 . 3-5 °  
4-6 .  
( ).  
(AOGCM).  
0,2°/10 .  
0,1°/10 ,  
0,6 ° ,  
5 ° . 2100 . 3,5 ° ,  
2100 . ) ( - 2,8 °



1,2

[2].

10 %.

12

?

1891–1990

1°

1951–1980 ( 0,8–1,5° )

1981–2000

[5].

[7].

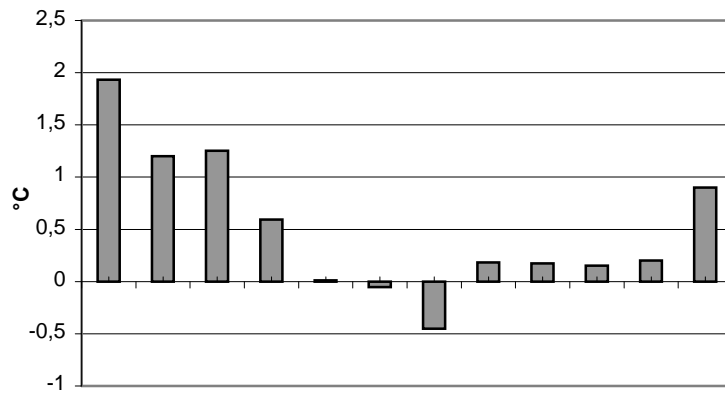
1881–1935 [3], – 1975–1995 [1].

19

0,5°

( . . 2).

(0,1-0,45 ° ). (0,6-0,9 ° ),  
 1 ° , 2 ° .  
 19 17 ( 0,45 ° , .3).



.3. 1881-1935  
 1975-1995 19

1. . . . . 2001. 800 . . . . .
2. . . . . : ?// . 2009. 1.
3. .10 . . . . . ,1950.

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## GLOBAL WARMING AND ITS INFLUENCE ON THE THERMIC REGIME OF WESTERN UKRAINE

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The newest scientific data on size, causes, factors, and prognosis for global warming are analyzed based on the last IPCC report. The comparative analysis of meteorological data for the Western Ukraine is given, that allowed to reveal the main trends of changes in temperature regime for the last century. This allowed formulating a general prognosis of the temperature changes for the next decades, as well as their consequences for nature and economy.

*Key words:* global warming, greenhouse effect, temperature regime, climate changes prediction.

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20.09.2009