

**AMENDMENT IN THE NATURE OF A SUBSTITUTE  
TO H.R. 3756  
OFFERED BY MS. CLARKE OF NEW YORK**

Strike all after the enacting clause and insert the following:

1 **SECTION 1. SHORT TITLE.**

2       This Act may be cited as the “Department of Home-  
3 land Security Climate Change Research Act”.

4 **SEC. 2. CLIMATE CHANGE PLANNING, RESEARCH AND DE-**  
5 **VELOPMENT, AND PROTECTION AND PRE-**  
6 **PAREDNESS.**

7       (a) IN GENERAL.—Title III of the Homeland Secu-  
8 rity Act of 2002 (6 U.S.C. 181 et seq.) is amended by  
9 adding at the end the following new section:

10 **“SEC. 323. CLIMATE CHANGE RESEARCH AND DEVELOP-**  
11 **MENT.**

12       “(a) IN GENERAL.—The Under Secretary for Science  
13 and Technology—

14               “(1) shall evaluate existing Federal research re-  
15 garding approaches to mitigate the potential or iden-  
16 tified effects of climate change on homeland security  
17 to identify areas for further research and develop-  
18 ment pursuant to paragraph (2) with respect to—

1           “(A) any potential or identified effects of  
2 climate change on homeland security;

3           “(B) the degree to which such potential or  
4 identified effects are reflected in preparedness  
5 and emergency planning and policies, including  
6 with respect to preparedness, response to, and  
7 recovery from natural disasters; and

8           “(C) the degree to which the Federal fund-  
9 ing structure to respond to major disaster dec-  
10 larations and emergency declarations is ade-  
11 quately structured to address such potential or  
12 identified effects; and

13           “(2) may, to the extent practicable, conduct re-  
14 search and development on approaches to mitigate  
15 the potential or identified effects of climate change  
16 on homeland security in response to the evaluation  
17 under paragraph (1).

18           “(b) SCOPE.—The scope of the research and develop-  
19 ment under subsection (a)(2) shall include the following:

20           “(1) Any potential or identified effects of cli-  
21 mate change on homeland security.

22           “(2) The degree to which such potential or  
23 identified effects of climate change are reflected in  
24 preparedness and emergency planning and policies,

1 including with respect to preparedness, response to,  
2 and recovery from natural disasters.

3 “(3) The degree to which the Federal funding  
4 structure to respond to major disaster declarations  
5 and emergency declarations is adequately structured  
6 to address such potential or identified effects.

7 “(c) CONSULTATION AND COORDINATION.—In car-  
8 rying out this section, the Under Secretary for Science and  
9 Technology shall consult, and may, as appropriate, coordi-  
10 nate, with the heads of other relevant agencies and depart-  
11 ments of the Federal Government, State, local, Tribal, and  
12 territorial governments, and relevant owners and opera-  
13 tors of critical infrastructure.

14 “(d) CLIMATE CHANGE DEFINED.—The term ‘cli-  
15 mate change’ refers to detectable changes in one or more  
16 climate system components that is directly or indirectly  
17 attributed to—

18 “(1) human activity; and

19 “(2) altering the composition of the global at-  
20 mosphere.”.

21 (b) CLERICAL AMENDMENT.—The table of contents  
22 in section 1(b) of the Homeland Security Act of 2002 is  
23 amended by inserting after the item relating to section  
24 322 the following new item:

“Sec. 323. Climate change research and development.”.

1 **SEC. 3. REPORT TO CONGRESS.**

2 Not later than one year after the date of the enact-  
3 ment of this Act and annually thereafter for three years,  
4 the Under Secretary for Science and Technology of the  
5 Department of Homeland Security shall submit to the  
6 Committee on Homeland Security and the Committee on  
7 Science, Space, and Technology of the House of Rep-  
8 resentatives and the Committee on Homeland Security  
9 and Governmental Affairs of the Senate a report on any  
10 research and development activities carried out pursuant  
11 to section 323 of the Homeland Security Act of 2002, as  
12 added by this Act.

Amend the title so as to read: “A bill To amend the Homeland Security Act of 2002 to require the Under Secretary for Science and Technology of the Department of Homeland Security to research and evaluate existing Federal research regarding approaches to mitigate the potential or identified effects of climate change on homeland security to identify areas for further research within the Department and authorize, research, and develop approaches to mitigate the consequences of climate change on homeland security, and for other purposes.”.

