

AMENDMENT NO. _____ Calendar No. _____

Purpose: To require the consideration of certain factors relating to global climate change.

IN THE SENATE OF THE UNITED STATES—110th Cong., 1st Sess.

H. R. 1495

To provide for the conservation and development of water and related resources, to authorize the Secretary of the Army to construct various projects for improvements to rivers and harbors of the United States, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Mr. KERRY (for himself and Mr. FEINGOLD)

Viz:

1 At the appropriate place in title II, insert the following:
2

3 **SEC. 2 . GLOBAL CLIMATE CHANGE.**

4 (a) **PLANNING CONSIDERATIONS.**—To account for
5 the potential long- and short-term effects of global climate
6 change, the Secretary shall ensure that each feasibility
7 study or general reevaluation report prepared by the Corps
8 of Engineers—

1 (1) takes into consideration, and accounts for,
2 the impacts of global climate change on flood, storm,
3 and drought risks in the United States;

4 (2) takes into consideration, and accounts for,
5 potential future impacts of global climate change-re-
6 lated weather events, such as increased hurricane ac-
7 tivity, intensity, storm surge, sea level rise, and as-
8 sociated flooding;

9 (3) uses the best-available climate science in as-
10 sessing flood and storm risks;

11 (4) employs, to the maximum extent prac-
12 ticable, nonstructural approaches and design modi-
13 fications to avoid or prevent impacts to streams,
14 wetlands, and floodplains that provide natural flood
15 and storm buffers, improve water quality, serve as
16 recharge areas for aquifers, reduce floods and ero-
17 sion, and provide valuable plant, fish, and wildlife
18 habitat;

19 (5) in projecting the benefits and costs of any
20 water resources project that requires a benefit-cost
21 analysis, quantifies and, to the maximum extent
22 practicable, accounts for—

23 (A) the costs associated with damage or
24 loss to wetlands, floodplains, and other natural
25 systems (including the habitat, water quality,

1 flood protection, and recreational values associ-
2 ated with the systems); and

3 (B) the benefits associated with protection
4 of those systems; and

5 (6) takes into consideration, as applicable, the
6 impacts of global climate change on emergency pre-
7 paredness projects for ports.

8 (b) ADDITIONAL CONSIDERATIONS FOR FLOOD DAM-
9 AGE REDUCTION PROJECTS.—For purposes of planning
10 and implementing flood damage reduction projects in ac-
11 cordance with this section and section 73 of the Water
12 Resources Development Act of 1974 (33 U.S.C. 701b–11),
13 the term “nonstructural approaches and design modifica-
14 tions” includes measures to manage flooding through—

15 (1) wetland, stream, and river restoration;

16 (2) avoiding development or increased develop-
17 ment in frequently-flooded areas;

18 (3) adopting flood-tolerant land uses in fre-
19 quently-flooded areas; or

20 (4) acquiring from willing sellers floodplain land
21 for use for—

22 (A) flood protection uses;

23 (B) recreational uses;

24 (C) fish and wildlife uses; or

25 (D) other public benefits.