

AMENDMENT TO RULES COMMITTEE PRINT 117-

31

OFFERED BY MRS. DINGELL OF MICHIGAN

Page 1668, after line 13, insert the following:

1 **TITLE XII—CLIMATE CHANGE**
2 **EDUCATION**

3 **SEC. 71201. FINDINGS.**

4 Congress makes the following findings:

5 (1) The evidence for human-induced climate
6 change is overwhelming and undeniable.

7 (2) Atmospheric carbon can be significantly re-
8 duced through conservation, by shifting to renewable
9 energy sources such as solar, wind, tidal, and geo-
10 thermal, and by increasing the efficiency of build-
11 ings, including domiciles, and transportation.

12 (3) Providing clear information about climate
13 change, in a variety of forms, can remove the fear
14 and the sense of helplessness, and encourage individ-
15 uals and communities to take action.

16 (4) Implementation of measures that promote
17 energy efficiency, conservation, and renewable en-
18 ergy will greatly reduce human impact on the envi-
19 ronment.

1 (5) Informing people of new technologies and
2 programs as they become available will ensure maximum
3 understanding and maximum effect of those
4 measures.

5 (6) More than 3,000,000 students graduate
6 from high schools and colleges in the United States
7 each year, armed with attitudes, skills, and knowledge
8 about the climate that inform their actions.

9 (7) The effect on the climate, positive or negative,
10 of each of those 3,000,000 students lasts beyond a lifetime.
11

12 (8) Those students need to be prepared to implement
13 changes in professional and personal practices, to support and help
14 develop new technology and policy, and to address the coming social
15 and economic challenges and opportunities arising from a
16 changing climate.
17

18 (9) It has been demonstrated that the people of
19 the United States overwhelmingly support teaching
20 students about the causes, consequences, and potential
21 solutions to climate change in all 50 States and
22 more than 3,000 counties across the United States.

23 (10) Only 30 percent of middle school and 45
24 percent of high school science teachers understand

1 the extent of the scientific consensus on climate
2 change.

3 **SEC. 71202. DEFINITIONS.**

4 In this title:

5 (1) ADMINISTRATOR.—The term “Adminis-
6 trator” means the Administrator of the National
7 Oceanic and Atmospheric Administration.

8 (2) CLIMATE CHANGE EDUCATION.—The term
9 “climate change education” means nonformal and
10 formal interdisciplinary learning at all age levels
11 about—

12 (A) climate change, climate adaptation and
13 mitigation, climate resilience, and climate jus-
14 tice; and

15 (B) the effects of climate change, climate
16 adaptation and mitigation, climate resilience,
17 and climate justice on the environmental, en-
18 ergy, social, and economic systems of the
19 United States.

20 (3) CLIMATE LITERACY.—The term “climate
21 literacy” means competence or knowledge of climate
22 change, its causes and impacts, and the technical,
23 scientific, economic, and social dynamics of prom-
24 ising solutions.

1 (4) CLIMATE JUSTICE.—The term “climate jus-
2 tice” means the fair treatment and meaningful in-
3 volvement of all people, regardless of race, color, cul-
4 ture, national origin, or income, with respect to the
5 development, implementation, and enforcement of
6 policies and projects to ensure that each person en-
7 joys the same degree of protection from the adverse
8 effects of climate change.

9 (5) ENVIRONMENTAL JUSTICE.—The term “en-
10 vironmental justice” means the fair treatment and
11 meaningful involvement of all people, regardless of
12 race, color, culture, national origin, or income, with
13 respect to the development, implementation, and en-
14 forcement of environmental laws, regulations, and
15 policies to ensure that each person enjoys—

16 (A) the same degree of protection from en-
17 vironmental and health hazards; and

18 (B) equal access to any Federal agency ac-
19 tion on environmental justice issues in order to
20 have a healthy environment in which to live,
21 learn, work, and recreate.

22 (6) ENVIRONMENTAL JUSTICE COMMUNITY.—
23 The term “environmental justice community” means
24 a community with significant representation of com-
25 munities of color, low-income communities, or Tribal

1 and indigenous communities that experiences, or is
2 at risk of experiencing, higher or more adverse
3 human health or environmental effects as compared
4 to other communities.

5 (7) GREEN ECONOMY.—The term “green econ-
6 omy” means an economy that results in improved
7 human and economic well-being and social equity by
8 significantly reducing environmental risks and eco-
9 logical scarcities.

10 (8) INSTITUTION OF HIGHER EDUCATION.—The
11 term “institution of higher education” has the
12 meaning given the term in section 101 of the Higher
13 Education Act of 1965 (20 U.S.C. 1001).

14 (9) LOCAL EDUCATIONAL AGENCY; STATE EDU-
15 CATIONAL AGENCY.—The terms “local educational
16 agency” and “State educational agency” have the
17 meanings given those terms in section 8101 of the
18 Elementary and Secondary Education Act of 1965
19 (20 U.S.C. 7801).

20 (10) NONFORMAL.—The term “nonformal”
21 means, with respect to learning, out-of-school edu-
22 cational programming carried out by nonprofit orga-
23 nizations and public agencies.

24 (11) NONPROFIT ORGANIZATION.—The term
25 “nonprofit organization” means an organization de-

1 scribed in section 501(c)(3) of the Internal Revenue
2 Code of 1986 and exempt from taxation under
3 501(a) of that Code.

4 **SEC. 71203. CLIMATE CHANGE EDUCATION PROGRAM.**

5 The Administrator shall establish a Climate Change
6 Education Program to—

7 (1) increase the climate literacy of the United
8 States by broadening the understanding of climate
9 change, including possible long-term and short-term
10 consequences, disproportionate impacts of those con-
11 sequences, and potential solutions;

12 (2) apply the latest scientific and technological
13 discoveries, including through the use of the sci-
14 entific assets of the Administration, to provide for-
15 mal and nonformal learning opportunities to individ-
16 uals of all ages, including individuals of diverse cul-
17 tural and linguistic backgrounds; and

18 (3) emphasize actionable information to help
19 people understand and promote implementation of
20 new technologies, programs, and incentives related
21 to climate change, climate adaptation and mitiga-
22 tion, climate resilience, climate justice, and environ-
23 mental justice.

1 **SEC. 71204. GRANT PROGRAM.**

2 (a) IN GENERAL.—As part of the Climate Change
3 Education Program established under section 71203, the
4 Administrator shall establish a program to make grants
5 to the following:

6 (1) State educational agencies, in partnership
7 with local educational agencies and local nonprofit
8 organizations, for the implementation of aspects of
9 State climate literacy plans for grades 4 through 12
10 formal and informal climate change education
11 that—

12 (A) are aligned with State education
13 standards;

14 (B) ensure that students graduate from
15 high school with climate literacy; and

16 (C) include at least 1 of the following:

17 (i) Relevant teacher training and pro-
18 fessional development.

19 (ii) Creation of applied learning
20 project-based models, such as models mak-
21 ing optimum use of green features im-
22 provements to school facilities, such as en-
23 ergy systems, lighting systems, water man-
24 agement, waste management, and school
25 grounds improvements.

1 (iii) Incorporation of climate change
2 mitigation and green technologies into new
3 and existing career and technical education
4 career tracks and work-based learning ex-
5 periences, including development of part-
6 nerships with labor organizations, trade or-
7 ganizations, and apprenticeship programs.

8 (2) Institutions of higher education and net-
9 works or partnerships of such institutions to engage
10 teams of faculty and students to develop applied cli-
11 mate research and deliver to local communities di-
12 rect services related to local climate mitigation and
13 adaptation issues, with priority given to projects
14 that—

15 (A) foster long-term campus-community
16 partnerships;

17 (B) show potential to scale work beyond
18 the grant term;

19 (C) are inclusive for all segments of the
20 population; and

21 (D) promote equitable and just outcomes.

22 (3) Professional associations and academic dis-
23 ciplinary societies for projects that build capacity at
24 the State and national levels for continuing edu-

1 cation by practicing professionals and the general
2 public in green economy fields.

3 (4) Youth corps organizations to engage in
4 community-based climate mitigation and adaptation
5 work that includes a substantive educational compo-
6 nent.

7 (b) CONSULTATION.—The Administrator shall annu-
8 ally consult with other relevant agencies of the Federal
9 Government to determine ways in which grant making
10 under subsection (a) can enhance and support other na-
11 tional climate education and training and environmental
12 justice goals.

13 (c) ENVIRONMENTAL JUSTICE COMMUNITIES.—The
14 Administrator shall ensure that 40 percent of all funds
15 appropriated for grants under paragraphs (2) and (4) of
16 subsection (a) are directed into environmental justice com-
17 munities.

18 (d) COMMUNITIES OF PRACTICE.—The Adminis-
19 trator shall establish communities of practice with respect
20 to each of paragraphs (1) through (4) of subsection (a)
21 in order to accelerate learning.

22 **SEC. 71205. REPORT.**

23 Not later than 2 years after the date of the enact-
24 ment of this Act, and annually thereafter, the Adminis-
25 trator shall submit to Congress a report that evaluates the

1 scientific merits, educational effectiveness, and broader ef-
2 fects of activities carried out under this title.

3 **SEC. 71206. AUTHORIZATION OF APPROPRIATIONS.**

4 (a) IN GENERAL.—There is authorized to be appro-
5 priated to the National Oceanic and Atmospheric Adminis-
6 tration to carry out this title \$50,000,000 for each of fis-
7 cal years 2022 through 2027.

8 (b) ALLOCATION OF AMOUNTS FOR GRANT PRO-
9 GRAM.—

10 (1) IN GENERAL.—Amounts appropriated to
11 carry out the grant program required by section
12 71204(a) shall be allocated as follows:

13 (A) Not less than 40 percent and not more
14 than 60 percent for grants made under para-
15 graph (1) of such section.

16 (B) Not less than 20 percent and not more
17 than 40 percent for grants made under para-
18 graph (2) of such section.

19 (C) Not less than 5 percent and not more
20 than 20 percent for grants made under para-
21 graph (3) of such section.

22 (D) Not less than 5 percent and not more
23 than 20 percent for grants made under para-
24 graph (4) of such section.

1 (E) Such amount as the Administrator de-
2 termines appropriate for the administration of
3 this title.

4 (2) EXCEPTION.—If amounts appropriated to
5 carry out the grant program required by section
6 71204(a) do not exceed \$10,000,000 in any fiscal
7 year, the National Oceanic and Atmospheric Admin-
8 istration may prioritize grants made under subpara-
9 graphs (A) and (B) of paragraph (1) of section
10 71204(a).

