

AMENDMENT TO
RULES COMMITTEE PRINT 116-54
OFFERED BY MR. LYNCH OF MASSACHUSETTS

Page 1677, after line 16, insert the following:

1 **Subtitle E—Climate Change**
2 **National Security Strategy**

3 **SEC. 33501. SHORT TITLE.**

4 This subtitle may be cited as the “Climate Change
5 National Security Strategy Act of 2020”.

6 **SEC. 33502. POLICY.**

7 It is the policy of the Federal Government to ensure
8 that the current impacts of climate change, and those an-
9 ticipated in the coming decades, be identified and consid-
10 ered in the development and implementation of relevant
11 national security doctrine, policies, and plans.

12 **SEC. 33503. COORDINATION ON CLIMATE CHANGE AND NA-**
13 **TIONAL SECURITY.**

14 (a) **ESTABLISHMENT.**—The National Security Advi-
15 sor and the Director of the Office of Science and Tech-
16 nology Policy, acting jointly, shall establish an interagency
17 working group, to be known as the Climate and National
18 Security Working Group, to coordinate the development
19 of a strategic approach to identify, assess, and share infor-

1 mation on current and projected climate-related impacts
2 on national security interests and to inform the develop-
3 ment of national security doctrine, policies, and plans.

4 (b) FUNCTIONS.—The Working Group, in close col-
5 laboration with the United States Global Change Research
6 Program, shall—

7 (1) identify the U.S. national security priorities
8 that are within the scope of the mission of the
9 Working Group;

10 (2) develop recommendations for requirements
11 for climate and social science data and intelligence
12 analyses, as appropriate, that support national secu-
13 rity interests;

14 (3) catalog climate science data, intelligence
15 analyses, and other products and programs that sup-
16 port or should be considered in the development of
17 national security doctrine, policy, and plans, includ-
18 ing—

19 (A) climate and social science data reposi-
20 tories and analytical platforms;

21 (B) climate modeling, simulation, and pro-
22 jection capabilities; and

23 (C) information-sharing tools and re-
24 sources supporting climate risk analyses and as-
25 sessments, such as the Climate Data Initiative,

1 the Climate Resilience Toolkit, the Global
2 Change Information System, and the National
3 Climate Assessment;

4 (4) identify information and program gaps that
5 limit consideration of climate change-related impacts
6 in developing national security doctrine, policies, and
7 plans and provide descriptions of these gaps to Fed-
8 eral science agencies and the United States intel-
9 ligence community to inform future research require-
10 ments and priorities, including collection priorities
11 on climate data, models, simulations, and projec-
12 tions;

13 (5) facilitate the production and exchange of
14 climate data and information with relevant stake-
15 holders, including the United States intelligence
16 community, and private sector partners, as appro-
17 priate;

18 (6) produce, as appropriate, and make available
19 science-informed intelligence assessments to agencies
20 having responsibilities in the development of national
21 security doctrine, policies, and plans in order to
22 identify climate change-related impacts and
23 prioritize actions related thereto;

24 (7) establish, by consensus, guidance for Work-
25 ing Group members on coordinating, sharing, and

1 exchanging climate science data among the mem-
2 bers, and with the National Science and Technology
3 Council;

4 (8) provide a venue for enhancing the under-
5 standing of the links between climate change-related
6 impacts and national security interests and dis-
7 cussing the opportunities for climate mitigation and
8 adaptation activities to address national security
9 issues;

10 (9) work to improve the Federal Government's
11 capability and capacity to characterize greenhouse
12 gas sources and sinks accurately at sub-continental
13 scales;

14 (10) recommend research guidelines, in coordi-
15 nation with the National Science and Technology
16 Council, concerning the Federal Government's abil-
17 ity to detect climate intervention activities;

18 (11) develop, by consensus, guidance for Work-
19 ing Group members on building climate resilience in
20 countries vulnerable to climate change-related im-
21 pacts;

22 (12) take into account defined requirements
23 and current capabilities described in paragraphs (2)
24 and (3) of this subsection to facilitate the consider-

1 ation of climate change-related impacts into national
2 security doctrine, policies, and plans;

3 (13) have classified and unclassified capabili-
4 ties, as required and appropriate, to consolidate and
5 make available climate change-related impact infor-
6 mation, intelligence analyses, and assessments for
7 access and use by Working Group member agencies;

8 (14) identify the most current information on
9 regional, country, and geographic areas most vulner-
10 able to current and projected impacts of climate vari-
11 ability in the near-, mid-, and long-term (as defined
12 in section 33505), in order to support assessments
13 of national security implications of climate change,
14 and identify areas most vulnerable to these impacts
15 during these timeframes;

16 (15) develop recommendations for the Secretary
17 of State to help ensure that the work of United
18 States embassies, including their planning processes,
19 are informed by relevant climate change-related
20 analyses; and

21 (16) coordinate on the development of quan-
22 titative models, predictive mapping products, and
23 forecasts to anticipate the various pathways through
24 which climate change may affect public health as an
25 issue of national security.

1 (c) MEMBERSHIP.—

2 (1) IN GENERAL.—The members of the Work-
3 ing Group shall include the following officials and
4 representatives (or their designees)—

5 (A) the National Security Advisor;

6 (B) the Director of the Office of Science
7 and Technology Policy; and

8 (C) the representatives, appointed by the
9 National Security Advisor and the Director of
10 the Office of Science and Technology Policy
11 (acting jointly), at the Assistant Secretary or
12 equivalent level, of—

13 (i) the Department of State;

14 (ii) the Department of the Treasury;

15 (iii) the Department of Defense;

16 (iv) the Department of Justice;

17 (v) the Department of the Interior;

18 (vi) the Department of Agriculture;

19 (vii) the Department of Commerce;

20 (viii) the Department of Health and
21 Human Services;

22 (ix) the Department of Transpor-
23 tation;

24 (x) the Department of Energy;

1 (xi) the Department of Homeland Se-
2 curity;

3 (xii) the United States Agency for
4 International Development;

5 (xiii) the Environmental Protection
6 Agency;

7 (xiv) the National Aeronautics and
8 Space Administration;

9 (xv) the Office of the Director of Na-
10 tional Intelligence;

11 (xvi) the U.S. Mission to the United
12 Nations;

13 (xvii) the Office of Management and
14 Budget;

15 (xviii) the Council on Environmental
16 Quality;

17 (xix) the Millennium Challenge Cor-
18 poration; and

19 (xx) any other agency or office as des-
20 ignated by the Co-Chairs.

21 (2) CO-CHAIRS.—The National Security Advisor
22 and the Director of the Office of Science and Tech-
23 nology Policy, or their designees, shall co-chair the
24 Working Group.

1 (d) ACTION PLAN.—Not later than 90 days after the
2 date of enactment of this Act, the Working Group shall,
3 by consensus, develop an action plan, that—

4 (1) identifies specific steps that are required to
5 perform its functions;

6 (2) includes specific objectives, milestones,
7 timelines, and identification of agencies responsible
8 for completion of all actions described therein;

9 (3) includes recommendations to inform the de-
10 velopment of agency implementation plans, as de-
11 scribed in section 33504; and

12 (4) be submitted to the co-chairs and the ap-
13 propriate congressional committees, including—

14 (A) the House Committee on Oversight
15 and Reform;

16 (B) the Senate Committee on Homeland
17 Security and Governmental Affairs;

18 (C) the Senate Committee on Armed Serv-
19 ices;

20 (D) the House Committee on Armed Serv-
21 ices;

22 (E) the House Committee on Natural Re-
23 sources; and

24 (F) the Senate Committee on Environment
25 and Public Works.

1 **SEC. 33504. FEDERAL AGENCY IMPLEMENTATION PLAN.**

2 (a) IN GENERAL.—Not later than 150 days after the
3 date of enactment of this Act, the departments and agen-
4 cies listed in section 33503(c) shall each develop an appro-
5 priate implementation plan supporting the policy described
6 in section 33502. Such implementation plans may be clas-
7 sified, as required, to meet specific agency requirements.

8 (b) CONTENTS OF IMPLEMENTATION PLANS.—Im-
9 plementation plans shall consider for inclusion a descrip-
10 tion of how the respective departments and agencies will
11 accomplish the following:

12 (1) Identifying, sustaining, and strengthening
13 climate-related data repositories, tools, and modeling
14 products that inform climate change-related impacts
15 on national security.

16 (2) Identifying climate change-related risks to
17 departments and agency missions, and risks that
18 may be caused by departments and agency policies,
19 programs, and actions concerning international de-
20 velopment objectives, fragility, and regional stability.

21 (3) Pursuing departments and agency adapta-
22 tion strategies and methods that address climate
23 change-related impacts on national security and
24 homeland defense.

25 (4) Identifying and implementing climate
26 change-related information-sharing opportunities

1 and arrangements through international develop-
2 ment activities, military-to-military engagements,
3 and government-to-government climate-related data
4 exchanges.

5 (5) Identifying economic considerations arising
6 from the impacts of climate change globally and the
7 resulting specific impacts on national security, in-
8 cluding macroeconomic analyses and data-sharing
9 mechanisms.

10 (6) Identifying the potential impact of climate
11 change on human mobility, including migration and
12 displacement, and the resulting impacts on national
13 security.

14 (7) Identifying climate change-related impacts
15 on global water, food security, and nutrition and the
16 resulting impacts on national security, and recom-
17 mending actions to mitigate these impacts.

18 (8) Identifying climate change-related global
19 health security concerns affecting humans, animals,
20 and plants, and developing options to address them.

21 (9) Developing a department or agency-specific
22 approach to address climate-related hazards and
23 threats to national security.

24 (10) Determining and acting on climate change-
25 related threats to infrastructure at the asset, sys-

1 tem, and regional level and acting to strengthen the
2 safety, security, and resilience of infrastructure crit-
3 ical to national security.

4 (11) Incorporating climate change-related im-
5 pact information and considerations into department
6 and agency technical and executive education and
7 training programs.

8 (c) REPORTS.—Federal agencies shall update their
9 implementation plans required by this section not less
10 than annually.

11 **SEC. 33505. DEFINITIONS.**

12 In this subtitle:

13 (1) ADAPTATION.—The term “adaptation” re-
14 fers to the adjustment in natural or human systems
15 in anticipation of or in response to a changing envi-
16 ronment in a way that effectively uses beneficial op-
17 portunities or reduces negative effects.

18 (2) CLIMATE.—The term “climate” refers to
19 the prevailing meteorological conditions over a pe-
20 riod of several decades, including the typical fre-
21 quency and duration of extreme storms, heat waves,
22 precipitation, droughts, cloudiness, winds, ocean
23 temperatures, and other events that a region is like-
24 ly to encounter.

1 (3) CLIMATE CHANGE.—The term “climate
2 change” refers to detectable changes in one or more
3 climate system components over multiple decades,
4 including—

5 (A) changes in the average temperature of
6 the atmosphere or ocean;

7 (B) changes in regional precipitation,
8 winds, and cloudiness; and

9 (C) changes in the severity or duration of
10 extreme weather, including droughts, floods,
11 and storms.

12 (4) CLIMATE MODELING.—The term “climate
13 modeling” refers to the mathematical representation
14 of the set of interdependent components of the cli-
15 mate system, including the atmosphere and ocean,
16 cryosphere, ecology, land use, natural greenhouse
17 gas emissions, and anthropogenic greenhouse emis-
18 sions.

19 (5) FRAGILITY.—The term “fragility” refers to
20 a condition that results from a dysfunctional rela-
21 tionship between state and society and the extent to
22 which that relationship fails to produce policy out-
23 comes that are considered effective or legitimate.

24 (6) GLOBAL HEALTH SECURITY.—The term
25 “global health security”—

1 (A) refers to activities required, both
2 proactive and reactive, to minimize vulnerability
3 to acute public health events that endanger the
4 collective health of populations living across
5 geographical regions and international bound-
6 aries; and

7 (B) includes the efforts of the Global
8 Health Security Agenda to establish capacity to
9 prevent, detect, and respond to disease threats,
10 whether naturally occurring, deliberate, or acci-
11 dental.

12 (7) INTELLIGENCE COMMUNITY.—The term
13 “intelligence community” has the meaning given to
14 that term in section 3(4) of the National Security
15 Act of 1947 (50 U.S.C. 3003(4)).

16 (8) NATIONAL SECURITY.—The term “National
17 security” refers to the protection of the Nation and
18 its people and interests.

19 (9) NEAR-, MID-, AND LONG-TERM.—The term
20 “near-, mid-, and long-term” means current to 10
21 years, 10 to 30 years, and more than 30 years, re-
22 spectively.

23 (10) RESILIENCE.—The term “resilience” re-
24 fers to the ability—

1 (A) to anticipate, prepare for, and adapt to
2 changing conditions; and

3 (B) to withstand, respond to, and recover
4 rapidly from disruptions.

5 (11) WORKING GROUP.—The term “Working
6 Group” means the Climate and National Security
7 Working Group established pursuant to section
8 33503(a).

