

116TH CONGRESS  
1ST SESSION

# H. R. 4269

To provide incentives for agricultural producers to carry out climate stewardship practices, to provide for increased reforestation across the United States, to establish the Coastal and Estuary Resilience Grant Program, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

SEPTEMBER 10, 2019

Ms. HAALAND (for herself and Mr. HUFFMAN) introduced the following bill; which was referred to the Committee on Agriculture, and in addition to the Committees on Natural Resources, and Science, Space, and Technology, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

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## A BILL

To provide incentives for agricultural producers to carry out climate stewardship practices, to provide for increased reforestation across the United States, to establish the Coastal and Estuary Resilience Grant Program, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE; TABLE OF CONTENTS.**

4 (a) SHORT TITLE.—This Act may be cited as the  
5 “Climate Stewardship Act of 2019”.

1 (b) TABLE OF CONTENTS.—The table of contents for  
 2 this Act is as follows:

Sec. 1. Short title; table of contents.

#### TITLE I—AGRICULTURE

Sec. 101. Conservation reserve program.  
 Sec. 102. Environmental Quality Incentives Program.  
 Sec. 103. Conservation Stewardship Program.  
 Sec. 104. Funding.  
 Sec. 105. Regional Conservation Partnership Program.  
 Sec. 106. Funding for climate stewardship agriculture research.  
 Sec. 107. Conservation technical assistance.  
 Sec. 108. Rural Energy for America Program.  
 Sec. 109. Local Agriculture Market Program.  
 Sec. 110. Farm and ranch stress assistance network.  
 Sec. 111. Assistance for community food projects.

#### TITLE II—FORESTS

Sec. 201. Reforestation Trust Fund.  
 Sec. 202. Reforest America Grant Program.  
 Sec. 203. Urban wood programs.  
 Sec. 204. Stewardship Corps.

#### TITLE III—COASTAL WETLAND

Sec. 301. Definitions.  
 Sec. 302. Coastal and Estuary Resilience Grant Program.  
 Sec. 303. Data collection.  
 Sec. 304. Outreach and technical assistance.  
 Sec. 305. Annual restoration and funding.  
 Sec. 306. Prevailing wage requirement.  
 Sec. 307. Department of the Interior coastal wetland restoration; funding.

## 3 **TITLE I—AGRICULTURE**

### 4 **SEC. 101. CONSERVATION RESERVE PROGRAM.**

5 (a) CONSERVATION RESERVE.—Section 1231 of the  
 6 Food Security Act of 1985 (16 U.S.C. 3831) is amend-  
 7 ed—

8 (1) in subsection (d)—

9 (A) in paragraph (1)—

10 (i) in subparagraph (B), by striking  
 11 “24,500,000” and inserting “26,000,000”;

1 (ii) in subparagraph (C), by striking  
2 “25,000,000” and inserting “28,000,000”;

3 (iii) in subparagraph (D), by striking  
4 “25,500,000 acres; and” and inserting  
5 “30,500,000 acres;”;

6 (iv) in subparagraph (E), by striking  
7 “27,000,000 acres.” and inserting  
8 “33,000,000 acres;”; and

9 (v) by adding at the end the following:  
10 “(F) fiscal year 2024, not more than  
11 34,000,000 acres;

12 “(G) fiscal year 2025, not more than  
13 35,000,000 acres;

14 “(H) fiscal year 2026, not more than  
15 36,000,000 acres;

16 “(I) fiscal year 2027, not more than  
17 37,000,000 acres;

18 “(J) fiscal year 2028, not more than  
19 38,000,000 acres;

20 “(K) fiscal year 2029, not more than  
21 39,000,000 acres; and

22 “(L) fiscal year 2030 and each fiscal year  
23 thereafter, not less than 40,000,000 acres.”;

24 (B) in paragraph (2)(A)—

25 (i) in clause (i)—

1 (I) by striking “2,000,000” and  
2 inserting “4,600,000”; and

3 (II) by striking “2023” and in-  
4 sserting “2030”; and

5 (ii) in clause (ii)—

6 (I) in subclause (II), by striking  
7 “and” at the end;

8 (II) in subclause (III), by strik-  
9 ing “through 2023, 2,000,000 acres.”  
10 and inserting “and 2022, 2,000,000  
11 acres;”; and

12 (III) by adding at the end the  
13 following:

14 “(IV) fiscal year 2023, 2,500,000  
15 acres;

16 “(V) fiscal year 2024, 2,800,000  
17 acres;

18 “(VI) fiscal year 2025, 3,100,000  
19 acres;

20 “(VII) fiscal year 2026,  
21 3,400,000 acres;

22 “(VIII) fiscal year 2027,  
23 3,700,000 acres;

24 “(IX) fiscal year 2028,  
25 4,000,000 acres;

1                   “(X) fiscal year 2029, 4,300,000  
2                   acres; and

3                   “(XI) fiscal year 2030 and each  
4                   fiscal year thereafter, not less than  
5                   4,600,000 acres.”; and

6                   (C) in paragraph (6)(B)—

7                   (i) in clause (i)—

8                   (I) by striking “8,600,000” and  
9                   inserting “17,700,000”; and

10                   (II) by striking “2023” and in-  
11                   serting “2030”; and

12                   (ii) in clause (ii)—

13                   (I) in subclause (II), by striking  
14                   “8,250,000”           and           inserting  
15                   “9,000,000”;

16                   (II) in subclause (III), by strik-  
17                   ing “8,500,000 acres; and” and in-  
18                   serting “10,000,000 acres;”; and

19                   (III) by striking subclause (IV)  
20                   and inserting the following:

21                   “(IV)    fiscal    year    2022,  
22                   12,000,000 acres;

23                   “(V)    fiscal    year    2023,  
24                   13,500,000 acres;

1 “(VI) fiscal year 2024,  
2 14,100,000 acres;

3 “(VII) fiscal year 2025,  
4 14,700,000 acres;

5 “(VIII) fiscal year 2026,  
6 15,300,000 acres;

7 “(IX) fiscal year 2027,  
8 15,900,000 acres;

9 “(X) fiscal year 2028,  
10 16,500,000 acres;

11 “(XI) fiscal year 2029,  
12 17,100,000 acres; and

13 “(XII) fiscal year 2030 and each  
14 fiscal year thereafter, not less than  
15 17,700,000 acres.”;

16 (2) in subsection (e)(1), by striking “, nor more  
17 than 15,”; and

18 (3) in subsection (h)—

19 (A) by striking paragraph (2); and

20 (B) by striking “CONSIDERATION.—” in  
21 the subsection heading and all that follows  
22 through “On the” in paragraph (1) and insert-  
23 ing “CONSIDERATION.—On the”.

24 (b) CONSERVATION RESERVE ENHANCEMENT PRO-  
25 GRAM.—Section 1231A(b)(2)(A)(i) of the Food Security

1 Act of 1985 (16 U.S.C. 3831a(b)(2)(A)(i)) is amended by  
2 inserting “, including reducing agricultural greenhouse  
3 gas emissions or increasing carbon sequestration,” after  
4 “concerns”.

5 **SEC. 102. ENVIRONMENTAL QUALITY INCENTIVES PRO-**  
6 **GRAM.**

7 (a) PURPOSES.—Section 1240(3) of the Food Secu-  
8 rity Act of 1985 (16 U.S.C. 3839aa(3)) is amended—

9 (1) in subparagraph (B), by striking “and” at  
10 the end;

11 (2) in subparagraph (C), by striking “and” at  
12 the end; and

13 (3) by adding at the end the following:

14 “(D) reducing agricultural greenhouse gas  
15 emissions;

16 “(E) increasing carbon sequestration; and

17 “(F) adapting to, or mitigating against, in-  
18 creasing weather volatility; and”.

19 (b) DEFINITIONS.—Section 1240A of the Food Secu-  
20 rity Act of 1985 (16 U.S.C. 3839aa–1) is amended—

21 (1) by redesignating paragraphs (1) through  
22 (10) as paragraphs (2) through (11), respectively;  
23 and

24 (2) by inserting before paragraph (2) (as so re-  
25 designated) the following:

1           “(1) CLIMATE STEWARDSHIP PRACTICE.—The  
2 term ‘climate stewardship practice’ means any of the  
3 following practices:

4           “(A) Alley cropping.

5           “(B) Biochar incorporation.

6           “(C) Conservation cover.

7           “(D) Conservation crop rotation.

8           “(E) Contour buffer strips.

9           “(F) Contour farming.

10          “(G) Cover crops.

11          “(H) Critical area planting.

12          “(I) Cross wind trap strips.

13          “(J) Field borders.

14          “(K) Filter strips.

15          “(L) Forage and biomass planting, includ-  
16 ing the use of native prairie and seed mixtures.

17          “(M) Forest stand improvements.

18          “(N) Grassed waterways.

19          “(O) Hedgerow planting.

20          “(P) Herbaceous wind barriers.

21          “(Q) Multistory cropping.

22          “(R) Nutrient management.

23          “(S) Prescribed grazing.

24          “(T) Range planting.



1           “(U) Residue and tillage management with  
2 no till.

3           “(V) Residue and tillage management with  
4 reduced till.

5           “(W) Riparian forest buffers.

6           “(X) Riparian herbaceous buffers.

7           “(Y) Silvopasture establishment.

8           “(Z) Stripcropping.

9           “(AA) Tree and shrub establishment.

10          “(BB) Upland wildlife habitat.

11          “(CC) Vegetative barriers.

12          “(DD) Wetland restoration.

13          “(EE) Windbreak renovation.

14          “(FF) Windbreaks and shelterbelts.

15          “(GG) Woody residue treatment.

16          “(HH) Any other highly effective vegeta-  
17 tive or management practice that significantly  
18 reduces agricultural greenhouse gas emissions,  
19 increases carbon sequestration, or assists pro-  
20 ducers in adapting to, or mitigating against, in-  
21 creasing weather volatility, as determined by  
22 the Secretary.”.

23          (c) ESTABLISHMENT AND ADMINISTRATION.—Sec-  
24 tion 1240B of the Food Security Act of 1985 (16 U.S.C.  
25 3839aa-2) is amended—

1 (1) in subsection (d)(3)—

2 (A) in subparagraph (F), by striking “or”  
3 at the end;

4 (B) in subparagraph (G), by striking the  
5 period at the end and inserting a semicolon;  
6 and

7 (C) by adding at the end the following:

8 “(H) reductions in agricultural greenhouse  
9 gas emissions; or

10 “(I) long-term carbon sequestration.”; and

11 (2) in subsection (j)—

12 (A) in paragraph (2)—

13 (i) in subparagraph (A)—

14 (I) in clause (i)—

15 (aa) by striking “mainte-  
16 nance of incentive practices” and  
17 inserting the following: “mainte-  
18 nance of—

19 “(I) incentive practices”; and

20 (bb) in subclause (I) (as so  
21 designated), by striking the pe-  
22 riod at the end and inserting the  
23 following: “; or

24 “(II) one or more climate stew-  
25 ardship practices.”; and

1 (II) in clause (ii)—

2 (aa) in subclause (I), by in-  
3 serting “, or climate stewardship  
4 practices to attain increased lev-  
5 els of carbon sequestration and  
6 reduced agricultural greenhouse  
7 gas emissions,” after “conserva-  
8 tion”; and

9 (bb) in subclause (II), by in-  
10 serting “or a climate stewardship  
11 practice” after “incentive prac-  
12 tice”; and

13 (ii) in subparagraph (C)—

14 (I) by redesignating clauses (i)  
15 and (ii) as subclauses (I) and (II), re-  
16 spectively, and indenting appro-  
17 priately;

18 (II) in the matter preceding sub-  
19 clause (I) (as so redesignated), by  
20 striking “Notwithstanding section  
21 1240C” and inserting the following:

22 “(i) INCENTIVE PRACTICES.—Not-  
23 withstanding section 1240C, in the case of  
24 applications for contracts under subpara-  
25 graph (A)(i)(I)”; and

1 (III) by adding at the end the  
2 following:

3 “(ii) CLIMATE STEWARDSHIP PRAC-  
4 TICES.—Notwithstanding section 1240C,  
5 in the case of applications for contracts  
6 under subparagraph (A)(i)(II), the Sec-  
7 retary shall give priority to applications  
8 that contain the greatest number of cli-  
9 mate stewardship practices.”; and

10 (B) in paragraph (3)—

11 (i) in the paragraph heading, by in-  
12 serting “AND CLIMATE STEWARDSHIP  
13 PRACTICE” after “INCENTIVE PRACTICE”;

14 (ii) in subparagraph (A), by inserting  
15 “or climate stewardship practices” after  
16 “incentive practices” each place it appears;

17 (iii) in subparagraph (B), by inserting  
18 “or climate stewardship practice” after  
19 “incentive practice” each place it appears;  
20 and

21 (iv) in subparagraph (C)(ii), by insert-  
22 ing “or a climate stewardship practice”  
23 after “incentive practice”.

1 (d) LIMITATION ON PAYMENTS.—Section 1240G of  
2 the Food Security Act of 1985 (16 U.S.C. 3839aa–7) is  
3 amended—

4 (1) by striking “2018, or” and inserting  
5 “2018,”; and

6 (2) by inserting “the period of fiscal years 2024  
7 through 2028, or the period of fiscal years 2029  
8 through 2033,” before “regardless”.

9 (e) CONSERVATION INNOVATION GRANTS AND PAY-  
10 MENTS.—Section 1240H(c) of the Food Security Act of  
11 1985 (16 U.S.C. 3839aa–8(c)) is amended—

12 (1) in paragraph (1)(B)(i)—

13 (A) in subclause (VI), by striking “and” at  
14 the end; and

15 (B) by adding at the end the following:

16 “(VIII) practices that signifi-  
17 cantly increase carbon sequestration,  
18 reduce agricultural greenhouse gas  
19 emissions, or assist producers to  
20 adapt to, or mitigate against, increas-  
21 ing weather volatility; and”;

22 (2) in paragraph (2), in the matter preceding  
23 subparagraph (A), by striking “each of fiscal years  
24 2019 through 2023” and inserting “fiscal year  
25 2019, and \$200,000,000 of the funds of the Com-

1       modity Credit Corporation for each of fiscal years  
2       2020 through 2030”; and

3               (3) in paragraph (7), in the matter preceding  
4       subparagraph (A)—

5                       (A) by inserting “not less than  
6                       \$100,000,000 for each of fiscal years 2020  
7                       through 2030 of the” after “Using”; and

8                       (B) by striking “a soil” and inserting “an  
9                       ongoing soil”.

10 **SEC. 103. CONSERVATION STEWARDSHIP PROGRAM.**

11       (a) SUPPLEMENTAL PAYMENTS FOR CLIMATE STEW-  
12 ARDSHIP PRACTICES.—Section 1240L(d) of the Food Se-  
13 curity Act of 1985 (16 U.S.C. 3839aa–24(d)) is amend-  
14 ed—

15               (1) in the subsection heading, by striking “RO-  
16 TATIONS AND ADVANCED GRAZING MANAGEMENT”  
17 and inserting “ROTATIONS, ADVANCED GRAZING  
18 MANAGEMENT, AND CLIMATE STEWARDSHIP PRAC-  
19 TICES”;

20               (2) in paragraph (1)—

21                       (A) by redesignating subparagraphs (B)  
22 and (C) as subparagraphs (C) and (D), respec-  
23 tively; and

24                       (B) by inserting after subparagraph (A)  
25 the following:

1                   “(B) CLIMATE STEWARDSHIP PRACTICE.—

2                   The term ‘climate stewardship practice’ means  
3                   any of the following practices:

4                   “(i) Alley cropping.

5                   “(ii) Biochar incorporation.

6                   “(iii) Conservation cover.

7                   “(iv) Conservation crop rotation.

8                   “(v) Contour buffer strips.

9                   “(vi) Contour farming.

10                  “(vii) Cover crops.

11                  “(viii) Critical area planting.

12                  “(ix) Cross wind trap strips.

13                  “(x) Field borders.

14                  “(xi) Filter strips.

15                  “(xii) Forage and biomass planting,  
16                  including the use of native prairie seed  
17                  mixtures.

18                  “(xiii) Forest stand improvements.

19                  “(xiv) Grassed waterways.

20                  “(xv) Hedgerow planting.

21                  “(xvi) Herbaceous wind barriers.

22                  “(xvii) Multistory cropping.

23                  “(xviii) Nutrient management, includ-  
24                  ing nitrogen stewardship activities.

25                  “(xix) Prescribed grazing.

1 “(xx) Range planting.

2 “(xxi) Residue and tillage manage-  
3 ment with no till.

4 “(xxii) Residue and tillage manage-  
5 ment with reduced till.

6 “(xxiii) Riparian forest buffers.

7 “(xxiv) Riparian herbaceous buffers.

8 “(xxv) Silvopasture establishment.

9 “(xxvi) Stripcropping.

10 “(xxvii) Tree and shrub establish-  
11 ment, including planting for a high rate of  
12 carbon sequestration.

13 “(xxviii) Upland wildlife habitat.

14 “(xxix) Vegetative barriers.

15 “(xxx) Wetland restoration.

16 “(xxxii) Windbreak renovation.

17 “(xxxiii) Windbreaks and shelterbelts.

18 “(xxxiiii) Woody residue treatment.

19 “(xxxv) Any other vegetative or man-  
20 agement conservation activity that signifi-  
21 cantly—

22 “(I) reduces greenhouse gas  
23 emissions;

24 “(II) increases carbon sequestra-  
25 tion; or



1 “(III) enhances resilience to in-  
2 creased weather volatility.”;

3 (3) in paragraph (2)—

4 (A) in subparagraph (A), by striking “or”  
5 at the end;

6 (B) in subparagraph (B), by striking the  
7 period at the end and inserting “; or”; and

8 (C) by adding at the end the following:

9 “(C) conservation activities relating to cli-  
10 mate stewardship practices.”; and

11 (4) in paragraph (3), by striking “rotations or  
12 advanced grazing management” and inserting “rota-  
13 tions, advanced grazing management, or conserva-  
14 tion activities relating to climate stewardship prac-  
15 tices”.

16 (b) PAYMENT LIMITATIONS.—Section 1240L(f) of  
17 the Food Security Act of 1985 (16 U.S.C. 3839aa–24(f))  
18 is amended by striking “fiscal years 2019 through 2023”  
19 and inserting “the period of fiscal years 2019 through  
20 2023, the period of fiscal years 2024 through 2028, or  
21 the period of fiscal years 2029 through 2033”.

22 **SEC. 104. FUNDING.**

23 (a) ANNUAL FUNDING.—Section 1241(a) of the Food  
24 Security Act of 1985 (16 U.S.C. 3841(a)) is amended—

1           (1) in the matter preceding paragraph (1), by  
2 striking “2023” and inserting “2030”;

3           (2) in paragraph (2)—

4                 (A) in subparagraph (E), by striking  
5 “and” at the end;

6                 (B) in subparagraph (F), by striking  
7 “through 2023.” and inserting “and 2020;  
8 and”; and

9                 (C) by adding at the end the following:

10                         “(G) \$900,000,000 for each of fiscal years  
11 2021 through 2030.”; and

12           (3) in paragraph (3)—

13                 (A) in subparagraph (A)—

14                         (i) in clause (ii), by striking  
15 “\$1,750,000,000” and inserting  
16 “\$2,750,000,000”;

17                         (ii) in clause (iii), by striking  
18 “\$1,800,000,000” and inserting  
19 “\$3,800,000,000”;

20                         (iii) in clause (iv)—

21                                 (I) by striking “\$1,850,000,000”  
22 and inserting “\$4,850,000,000”; and

23                                 (II) by striking “and” at the end;

1 (iv) in clause (v), by striking  
2 “\$2,025,000,000” and inserting  
3 “\$6,025,000,000”; and

4 (v) by adding at the end the following:  
5 “(vi) \$7,000,000,000 for each of fiscal  
6 years 2024 through 2030; and”;

7 (B) in subparagraph (B)—

8 (i) in clause (ii), by striking  
9 “\$725,000,000” and inserting  
10 “\$1,725,000,000”;

11 (ii) in clause (iii), by striking  
12 “\$750,000,000” and inserting  
13 “\$2,750,000,000”;

14 (iii) in clause (iv)—

15 (I) by striking “\$800,000,000”  
16 and inserting “\$3,800,000,000”; and

17 (II) by striking “and” at the end;

18 (iv) in clause (v)—

19 (I) by striking “\$1,000,000,000”  
20 and inserting “\$5,000,000,000”; and

21 (II) by striking the period at the  
22 end and inserting a semicolon; and

23 (v) by adding at the end the following:

24 “(vi) \$6,000,000,000 for fiscal year  
25 2024; and

1                   “(vii) \$7,000,000,000 for each of fis-  
2                   cal years 2025 through 2030.”.

3           (b) AVAILABILITY OF FUNDS.—Section 1241(b) of  
4 the Food Security Act of 1985 (16 U.S.C. 3841(b)) is  
5 amended by striking “2023” and inserting “2030”.

6           (c) FUNDING FOR CLIMATE STEWARDSHIP PRAC-  
7 TICES.—Section 1241 of the Food Security Act of 1985  
8 (16 U.S.C. 3841) is amended by adding at the end the  
9 following:

10           “(k) FUNDING FOR CLIMATE STEWARDSHIP PRAC-  
11 TICES.—

12                   “(1) ENVIRONMENTAL QUALITY INCENTIVES  
13           PROGRAM.—

14                           “(A) IN GENERAL.—Of the funds made  
15                   available under subsection (a)(3)(A), the Sec-  
16                   retary shall set aside the following amounts to  
17                   be used exclusively for climate stewardship  
18                   practices (as defined in section 1240A) under  
19                   contracts under section 1240B(j)(2)(A)(i)(II):

20                                   “(i) \$1,000,000,000 for fiscal year  
21                                   2020.

22                                   “(ii) \$2,000,000,000 for fiscal year  
23                                   2021.

24                                   “(iii) \$3,000,000,000 for fiscal year  
25                                   2022.

1                   “(iv) \$4,000,000,000 for fiscal year  
2                   2023.

3                   “(v) \$5,000,000,000 for each of fiscal  
4                   years 2024 through 2030.

5                   “(B) NONAPPLICABILITY OF ALLOCATION  
6                   OF FUNDING.—Section 1240B(f) shall not  
7                   apply to amounts set aside under subparagraph  
8                   (A).

9                   “(2) CONSERVATION STEWARDSHIP PRO-  
10                  GRAM.—Of the funds made available under sub-  
11                  section (a)(3)(B), the Secretary shall set aside the  
12                  following amounts to be used exclusively to enroll in  
13                  the conservation stewardship program contracts  
14                  comprised predominantly of conservation activities  
15                  relating to climate stewardship practices (as defined  
16                  in section 1240L(d)(1)) or bundles of practices com-  
17                  prised predominantly of conservation activities relat-  
18                  ing to climate stewardship practices (as so defined):

19                         “(A) \$1,000,000,000 for fiscal year 2020.

20                         “(B) \$2,000,000,000 for fiscal year 2021.

21                         “(C) \$3,000,000,000 for fiscal year 2022.

22                         “(D) \$4,000,000,000 for fiscal year 2023.

23                         “(E) \$5,000,000,000 for each of fiscal  
24                         years 2024 through 2030.”.

1 **SEC. 105. REGIONAL CONSERVATION PARTNERSHIP PRO-**  
2 **GRAM.**

3 Section 1271D of the Food Security Act of 1985 (16  
4 U.S.C. 3871d) is amended by striking subsection (a) and  
5 inserting the following:

6 “(a) AVAILABILITY OF FUNDS.—Of the funds of the  
7 Commodity Credit Corporation, the Secretary shall use to  
8 carry out the program—

9 “(1) \$300,000 for each of fiscal years 2019  
10 through 2023;

11 “(2) \$500,000 for each of fiscal years 2024  
12 through 2025;

13 “(3) \$750,000 for each of fiscal years 2026  
14 through 2027; and

15 “(4) \$1,000,000 for each of fiscal years 2028  
16 through 2030.”.

17 **SEC. 106. FUNDING FOR CLIMATE STEWARDSHIP AGRI-**  
18 **CULTURE RESEARCH.**

19 (a) AGRICULTURE AND FOOD RESEARCH INITIA-  
20 TIVE.—Subsection (b) of the Competitive, Special, and  
21 Facilities Research Grant Act (7 U.S.C. 3157(b)) is  
22 amended—

23 (1) in paragraph (2), by adding at the end the  
24 following:

25 “(G) CLIMATE STEWARDSHIP.—Climate  
26 change mitigation through—

1 “(i) reducing greenhouse gas emis-  
2 sions and increasing resilience in the agri-  
3 cultural sector;

4 “(ii) increasing carbon sequestration;

5 “(iii) improving soil health; and

6 “(iv) increasing soil carbon levels.”;

7 and

8 (2) in paragraph (11)—

9 (A) by striking the paragraph heading and  
10 inserting “FUNDING.—”;

11 (B) in subparagraph (A)—

12 (i) in the matter preceding clause (i),  
13 by striking “There is” and all that follows  
14 through “2023” and inserting “On the  
15 first October 1 after the date of enactment  
16 of the Climate Stewardship Act of 2019,  
17 and on each October 1 thereafter, out of  
18 any funds in the Treasury not otherwise  
19 appropriated, the Secretary of the Treas-  
20 ury shall transfer to the Secretary to carry  
21 out this subsection \$830,000,000, to re-  
22 main available until expended”;

23 (ii) in clause (i), by striking “and” at  
24 the end;

1 (iii) in clause (ii), by striking the pe-  
2 riod at the end and inserting “; and”;

3 (iv) by adding at the end the fol-  
4 lowing:

5 “(iii) not less than 50 percent for  
6 each fiscal year shall be used to address  
7 the priority area described in paragraph  
8 (2)(G).”; and

9 (C) by adding at the end the following:

10 “(C) RECEIPT AND ACCEPTANCE.—The  
11 Secretary shall be entitled to receive, shall ac-  
12 cept, and shall use to carry out this subsection  
13 the funds transferred under subparagraph (A),  
14 without further appropriation.”.

15 (b) FOUNDATION FOR FOOD AND AGRICULTURE RE-  
16 SEARCH.—Section 7601 of the Agricultural Act of 2014  
17 (7 U.S.C. 5939) is amended—

18 (1) in subsection (c)(1)(D), by inserting after  
19 “environment” the following: “, including—

20 “(i) reducing greenhouse gas emis-  
21 sions and increasing resilience in the agri-  
22 cultural sector;

23 “(ii) increasing carbon sequestration;

24 “(iii) improving soil health; and



1 “(iv) increasing soil carbon levels”;

2 and

3 (2) in subsection (g)(1)(A), by adding at the  
4 end the following:

5 “(iii) CLIMATE STEWARDSHIP FUND-  
6 ING.—On the date of enactment of the Cli-  
7 mate Stewardship Act of 2019, and each  
8 year thereafter, of the funds of the Com-  
9 modity Credit Corporation, the Secretary  
10 shall transfer to the Foundation  
11 \$40,000,000 to advance the research mis-  
12 sion of the Department with respect to the  
13 issues described in clauses (i) through (iv)  
14 of subsection (c)(1)(D), to remain available  
15 until expended.”.

16 (c) SUSTAINABLE AGRICULTURE RESEARCH AND EX-  
17 TENSION PROJECTS.—Section 1621 of the Food, Agri-  
18 culture, Conservation, and Trade Act of 1990 (7 U.S.C.  
19 5811) is amended—

20 (1) in subsection (a)—

21 (A) in paragraph (1)(C), by striking “and”  
22 at the end;

23 (B) in paragraph (2)(E), by striking the  
24 period at the end and inserting “; and”; and

25 (C) by adding at the end the following:

1 “(3) facilitate—

2 “(A) reducing greenhouse gas emissions  
3 and increasing resilience in the agricultural sec-  
4 tor;

5 “(B) increasing carbon sequestration;

6 “(C) improving soil health; and

7 “(D) increasing soil carbon levels.”; and

8 (2) by adding at the end the following:

9 “(j) FUNDS.—

10 “(1) IN GENERAL.—In addition to amounts ap-  
11 propriated under section 1624, on the first October  
12 1 after the date of enactment of the Climate Stew-  
13 ardsip Act of 2019, and on each October 1 there-  
14 after, out of any funds in the Treasury not other-  
15 wise appropriated, the Secretary of the Treasury  
16 shall transfer to the Secretary to carry out this sec-  
17 tion \$74,000,000, to remain available until ex-  
18 pended.

19 “(2) RECEIPT AND ACCEPTANCE.—The Sec-  
20 retary shall be entitled to receive, shall accept, and  
21 shall use to carry out this section the funds trans-  
22 ferred under paragraph (1), without further appro-  
23 priation.

24 “(3) CLIMATE STEWARDSHIP.—Of the funds  
25 made available under paragraph (1), the Secretary

1 shall use not less than 50 percent to conduct  
2 projects described in subsection (a)(3).”.

3 (d) ORGANIC AGRICULTURE RESEARCH AND EXTEN-  
4 SION INITIATIVE.—Section 1672B of the Food, Agri-  
5 culture, Conservation, and Trade Act of 1990 (7 U.S.C.  
6 5925b) is amended—

7 (1) in subsection (a)—

8 (A) in paragraph (7), by striking “and” at  
9 the end;

10 (B) in paragraph (8), by striking the pe-  
11 riod at the end and inserting “; and”; and

12 (C) by adding at the end the following:

13 “(9)(A) reducing greenhouse gas emissions and  
14 increasing resilience in the agricultural sector;

15 “(B) increasing carbon sequestration;

16 “(C) improving soil health; and

17 “(D) increasing soil carbon levels.”; and

18 (2) in subsection (f)—

19 (A) in paragraph (1)—

20 (i) in subparagraph (C), by striking  
21 “and” at the end;

22 (ii) in subparagraph (D), by adding  
23 “and” at the end after the semicolon;

24 (iii) by striking subparagraphs (E)  
25 through (G); and

1 (iv) by adding at the end the fol-  
2 lowing:

3 “(E) on the first October 1 after the date  
4 of enactment of the Climate Stewardship Act of  
5 2019, and on each October 1 thereafter,  
6 \$100,000,000.”; and

7 (B) by adding at the end the following:

8 “(4) CLIMATE STEWARDSHIP.—Of the funds  
9 made available under paragraph (1)(E), the Sec-  
10 retary shall use not less than 50 percent to support  
11 activities under this section for the purposes de-  
12 scribed in subsection (a)(9).”.

13 (e) APPROPRIATE TECHNOLOGY TRANSFER FOR  
14 RURAL AREAS PROGRAM.—Section 310B(i) of the Con-  
15 solidated Farm and Rural Development Act (7 U.S.C.  
16 1932(i)) is amended—

17 (1) in paragraph (2)—

18 (A) in subparagraph (C), by striking  
19 “and” at the end;

20 (B) in subparagraph (D), by striking the  
21 period at the end and inserting a semicolon;  
22 and

23 (C) by adding at the end the following:

24 “(E) reduce greenhouse gas emissions and  
25 increase resilience in the agricultural sector;

1           “(F) increase carbon sequestration;  
2           “(G) improve soil health; and  
3           “(H) increase soil carbon levels.”; and  
4           (2) by striking paragraph (4) and inserting the  
5 following:

6           “(4) FUNDING.—

7           “(A) IN GENERAL.—On the first October 1  
8 after the date of enactment of the Climate  
9 Stewardship Act of 2019, and on each October  
10 1 thereafter, out of any funds in the Treasury  
11 not otherwise appropriated, the Secretary of the  
12 Treasury shall transfer to the Secretary to  
13 carry out this subsection \$5,600,000, to remain  
14 available until expended.

15           “(B) RECEIPT AND ACCEPTANCE.—The  
16 Secretary shall be entitled to receive, shall ac-  
17 cept, and shall use to carry out this subsection  
18 the funds transferred under subparagraph (A),  
19 without further appropriation.

20           “(C) CLIMATE STEWARDSHIP.—Of the  
21 funds made available under subparagraph (A),  
22 the Secretary shall use not less than 50 percent  
23 to provide assistance described in subpara-  
24 graphs (E) through (H) of paragraph (2).”.

1 (f) RESEARCH UNDER HATCH ACT.—The Hatch Act  
2 of 1887 is amended by inserting after section 3 (7 U.S.C.  
3 361e) the following:

4 **“SEC. 3A. MANDATORY FUNDING.**

5 “(a) FUNDING.—

6 “(1) IN GENERAL.—In addition to any amounts  
7 authorized to be appropriated under section 3, on  
8 the first October 1 after the date of enactment of  
9 the Climate Stewardship Act of 2019, and on each  
10 October 1 thereafter, out of any funds in the Treas-  
11 ury not otherwise appropriated, the Secretary of the  
12 Treasury shall transfer to the Secretary to carry out  
13 this Act \$518,000,000, to remain available until ex-  
14 pended.

15 “(2) RECEIPT AND ACCEPTANCE.—The Sec-  
16 retary shall be entitled to receive, shall accept, and  
17 shall use to carry out this Act the funds transferred  
18 under paragraph (1), without further appropriation.

19 “(b) CLIMATE STEWARDSHIP.—Of the funds made  
20 available under subsection (a)(1), not less than 50 percent  
21 shall be used for research relating to—

22 “(1) reducing greenhouse gas emissions and in-  
23 creasing resilience in the agricultural sector;

24 “(2) increasing carbon sequestration;

25 “(3) improving soil health; and

1           “(4) increasing soil carbon levels.”.

2           (g) ACTIVITIES UNDER SMITH-LEVER ACT.—The  
3 Smith-Lever Act is amended by inserting after section 3  
4 (7 U.S.C. 343) the following:

5 **“SEC. 3A. MANDATORY FUNDING.**

6           “(a) FUNDING.—

7           “(1) IN GENERAL.—In addition to any amounts  
8 authorized to be appropriated under section 3, on  
9 the first October 1 after the date of enactment of  
10 the Climate Stewardship Act of 2019, and on each  
11 October 1 thereafter, out of any funds in the Treas-  
12 ury not otherwise appropriated, the Secretary of the  
13 Treasury shall transfer to the Secretary to carry out  
14 this Act \$649,400,000, to remain available until ex-  
15 pended.

16           “(2) 1994 INSTITUTIONS.—Of the funds trans-  
17 ferred under paragraph (1), \$19,400,000 shall be  
18 for payment on behalf of the 1994 Institutions (as  
19 defined in section 532 of the Equity in Educational  
20 Land-Grant Status Act of 1994 (7 U.S.C. 301 note;  
21 Public Law 103–382)) for the purposes described in  
22 section 2, to be distributed in accordance with the  
23 process described in section 3(b)(3).

24           “(3) RECEIPT AND ACCEPTANCE.—The Sec-  
25 retary shall be entitled to receive, shall accept, and

1 shall use to carry out this Act the funds transferred  
2 under paragraph (1), without further appropriation.

3 “(b) CLIMATE STEWARDSHIP.—Of the funds made  
4 available under subsection (a)(1), and of the funds des-  
5 ignated for 1994 Institutions under subsection (a)(2), not  
6 less than 50 percent shall be used for activities relating  
7 to—

8 “(1) reducing greenhouse gas emissions and in-  
9 creasing resilience in the agricultural sector;

10 “(2) increasing carbon sequestration;

11 “(3) improving soil health; and

12 “(4) increasing soil carbon levels.”.

13 (h) EXTENSION AT 1890 LAND-GRANT COLLEGES,  
14 INCLUDING TUSKEGEE UNIVERSITY AND THE UNIVER-  
15 SITY OF THE DISTRICT OF COLUMBIA.—Section 1444 of  
16 the Food and Agriculture Act of 1977 (7 U.S.C. 3221)  
17 is amended by adding at the end the following:

18 “(g) MANDATORY FUNDING.—

19 “(1) FUNDING.—

20 “(A) IN GENERAL.—In addition to any  
21 amounts authorized to be appropriated under  
22 subsection (a), on the first October 1 after the  
23 date of enactment of the Climate Stewardship  
24 Act of 2019, and on each October 1 thereafter,  
25 out of any funds in the Treasury not otherwise



1           appropriated, the Secretary of the Treasury  
2           shall transfer to the Secretary to carry out this  
3           section \$97,200,000, to remain available until  
4           expended.

5           “(B) RECEIPT AND ACCEPTANCE.—The  
6           Secretary shall be entitled to receive, shall ac-  
7           cept, and shall use to carry out this section the  
8           funds transferred under subparagraph (A),  
9           without further appropriation.

10          “(2) CLIMATE STEWARDSHIP.—Of the funds  
11          made available under paragraph (1)(A), not less  
12          than 50 percent shall be used for programs and ac-  
13          tivities relating to—

14                 “(A) reducing greenhouse gas emissions  
15                 and increasing resilience in the agricultural sec-  
16                 tor;

17                 “(B) increasing carbon sequestration;

18                 “(C) improving soil health; and

19                 “(D) increasing soil carbon levels.”.

20          (i) AGRICULTURAL RESEARCH AT 1890 LAND-GRANT  
21          COLLEGES, INCLUDING TUSKEGEE UNIVERSITY AND THE  
22          UNIVERSITY OF THE DISTRICT OF COLUMBIA.—Section  
23          1445 of the Food and Agriculture Act of 1977 (7 U.S.C.  
24          3222) is amended by adding at the end the following:

25                 “(i) MANDATORY FUNDING.—

1 “(1) FUNDING.—

2 “(A) IN GENERAL.—In addition to any  
3 amounts authorized to be appropriated under  
4 subsection (a), on the first October 1 after the  
5 date of enactment of the Climate Stewardship  
6 Act of 2019, and on each October 1 thereafter,  
7 out of any funds in the Treasury not otherwise  
8 appropriated, the Secretary of the Treasury  
9 shall transfer to the Secretary to carry out this  
10 section \$116,000,000, to remain available until  
11 expended.

12 “(B) RECEIPT AND ACCEPTANCE.—The  
13 Secretary shall be entitled to receive, shall ac-  
14 cept, and shall use to carry out this section the  
15 funds transferred under subparagraph (A),  
16 without further appropriation.

17 “(2) CLIMATE STEWARDSHIP.—Of the funds  
18 made available under paragraph (1)(A), not less  
19 than 50 percent shall be used for research relating  
20 to—

21 “(A) reducing greenhouse gas emissions  
22 and increasing resilience in the agricultural sec-  
23 tor;

24 “(B) increasing carbon sequestration;

25 “(C) improving soil health; and

1 “(D) increasing soil carbon levels.”.

2 (j) NONLAND-GRANT COLLEGES OF AGRICULTURE  
3 PROGRAM.—Section 1473F of the Food and Agriculture  
4 Act of 1977 (7 U.S.C. 3319i) is amended—

5 (1) in subsection (a)(1)(A), by inserting after  
6 “agriculture” the following: “, including—

7 “(i) reducing greenhouse gas emis-  
8 sions and increasing resilience in the agri-  
9 cultural sector;

10 “(ii) increasing carbon sequestration;

11 “(iii) improving soil health; and

12 “(iv) increasing soil carbon levels;”;

13 and

14 (2) by striking subsection (b) and inserting the  
15 following:

16 “(b) FUNDS.—

17 “(1) IN GENERAL.—Of the funds of the Com-  
18 modity Credit Corporation, the Secretary shall use  
19 to carry out this section \$10,000,000 for each fiscal  
20 year, to remain available until expended.

21 “(2) CLIMATE STEWARDSHIP.—Of the funds  
22 made available under paragraph (1), the Secretary  
23 shall use not less than 50 percent to conduct the ac-  
24 tivities described in clauses (i) through (iv) of sub-  
25 section (a)(1)(A).”.

1 (k) McINTIRE-STENNIS.—

2 (1) FUNDS.—Public Law 87–788 (commonly  
3 known as the “McIntire-Stennis Cooperative For-  
4 estry Act”) is amended by inserting after section 3  
5 (16 U.S.C. 582a–2) the following:

6 **“SEC. 3A. MANDATORY FUNDING.**

7 “(a) FUNDING.—

8 “(1) IN GENERAL.—In addition to any amounts  
9 authorized to be appropriated under section 3, on  
10 the first October 1 after the date of enactment of  
11 the Climate Stewardship Act of 2019, and on each  
12 October 1 thereafter, out of any funds in the Treas-  
13 ury not otherwise appropriated, the Secretary of the  
14 Treasury shall transfer to the Secretary to carry out  
15 this Act \$72,000,000, to remain available until ex-  
16 pended.

17 “(2) RECEIPT AND ACCEPTANCE.—The Sec-  
18 retary shall be entitled to receive, shall accept, and  
19 shall use to carry out this Act the funds transferred  
20 under paragraph (1), without further appropriation.

21 “(b) CLIMATE STEWARDSHIP.—Of the funds made  
22 available under subsection (a)(1), not less than 50 percent  
23 shall be used for activities relating to—

24 “(1) reducing greenhouse gas emissions and in-  
25 creasing resilience in the agricultural sector;

1 “(2) increasing carbon sequestration;

2 “(3) improving soil health; and

3 “(4) increasing soil carbon levels.”.

4 (l) 1994 INSTITUTIONS RESEARCH.—Section 536 of  
5 the Equity in Educational Land-Grant Status Act of 1994  
6 (7 U.S.C. 301 note; Public Law 103–382) is amended by  
7 adding at the end the following:

8 “(d) MANDATORY FUNDING.—

9 “(1) IN GENERAL.—In addition to any amounts  
10 authorized to be appropriated under subsection (c),  
11 on the first October 1 after the date of enactment  
12 of the Climate Stewardship Act of 2019, and on  
13 each October 1 thereafter, out of any funds in the  
14 Treasury not otherwise appropriated, the Secretary  
15 of the Treasury shall transfer to the Secretary to  
16 carry out this section \$11,400,000, to remain avail-  
17 able until expended.

18 “(2) RECEIPT AND ACCEPTANCE.—The Sec-  
19 retary shall be entitled to receive, shall accept, and  
20 shall use to carry out this section the funds trans-  
21 ferred under paragraph (1), without further appro-  
22 priation.

23 “(3) CLIMATE STEWARDSHIP.—Of the funds  
24 made available under paragraph (1), not less than  
25 50 percent shall be used for activities relating to—

1           “(A) reducing greenhouse gas emissions  
2           and increasing resilience in the agricultural sec-  
3           tor;

4           “(B) increasing carbon sequestration;

5           “(C) improving soil health; and

6           “(D) increasing soil carbon levels.”.

7   **SEC. 107. CONSERVATION TECHNICAL ASSISTANCE.**

8           Section 6 of the Soil Conservation and Domestic Al-  
9   lotment Act (16 U.S.C. 590f) is amended—

10           (1) by striking the section designation and  
11           heading and all that follows through “There is” in  
12           subsection (a) and inserting the following:

13   **“SEC. 6. FUNDING; CONSERVATION TECHNICAL ASSIST-**  
14           **ANCE FUND.**

15           “(a) FUNDING.—

16           “(1) MANDATORY FUNDING.—Of the funds of  
17           the Commodity Credit Corporation, the Secretary of  
18           Agriculture shall use to carry out this Act  
19           \$2,100,000,000 for each fiscal year.

20           “(2) AUTHORIZATION OF APPROPRIATIONS.—  
21           There are”; and

22           (2) in the undesignated matter following para-  
23           graph (2) (as so designated) of subsection (a), by  
24           striking “Appropriations” and inserting the fol-  
25           lowing:

1           “(3) AVAILABILITY OF APPROPRIATIONS FOR  
2           NURSERY STOCK.—Appropriations”.

3 **SEC. 108. RURAL ENERGY FOR AMERICA PROGRAM.**

4           Section 9007 of the Farm Security and Rural Invest-  
5           ment Act of 2002 (7 U.S.C. 8107) is amended—

6           (1) in subsection (c)(3)(A), by striking “25”  
7           and inserting “40”; and

8           (2) in subsection (f)(1)—

9           (A) in subparagraph (D), by striking  
10           “and” at the end;

11           (B) in subparagraph (E), by striking “for  
12           fiscal” and all that follows through the period  
13           at the end and inserting “for each of fiscal  
14           years 2014 through 2019;”; and

15           (C) by adding at the end the following:

16           “(F) \$150,000,000 for fiscal year 2020;

17           “(G) \$500,000,000 for fiscal year 2021;

18           “(H) \$1,000,000,000 for fiscal year 2022;

19           “(I) \$2,000,000,000 for fiscal year 2023;

20           and

21           “(J) \$3,000,000,000 for fiscal year 2024

22           and each fiscal year thereafter.”.

1 **SEC. 109. LOCAL AGRICULTURE MARKET PROGRAM.**

2 Section 201A(i)(1) of the Agricultural Marketing Act  
3 of 1946 (7 U.S.C. 1627c(i)(1)) is amended by striking  
4 “2019 and” and inserting “2019, and \$500,000,000 for”.

5 **SEC. 110. FARM AND RANCH STRESS ASSISTANCE NET-**  
6 **WORK.**

7 Section 7522 of the Food, Conservation, and Energy  
8 Act of 2008 (7 U.S.C. 5936) is amended by striking sub-  
9 section (d) and inserting the following:

10 “(d) MANDATORY FUNDING.—Of the funds of the  
11 Commodity Credit Corporation, the Secretary shall use to  
12 carry out this section \$10,000,000 for fiscal year 2019  
13 and each fiscal year thereafter.”

14 **SEC. 111. ASSISTANCE FOR COMMUNITY FOOD PROJECTS.**

15 Section 25 of the Food and Nutrition Act of 2008  
16 (7 U.S.C. 2034) is amended—

17 (1) in subsection (b)—

18 (A) in paragraph (1), by inserting “includ-  
19 ing amounts made available under subsection  
20 (i) to carry out this section,” after “Act,”; and

21 (B) in paragraph (2)(D), by striking  
22 “\$5,000,000” and inserting “\$25,000,000”;

23 (2) in subsection (d)—

24 (A) in paragraph (4), by striking “or” at  
25 the end;



1 (B) in paragraph (5)(C), by striking the  
2 period at the end and inserting “; or”;

3 (C) by adding at the end the following:

4 “(6) address food security in urban low-income  
5 communities by making those communities more cli-  
6 mate resilient through the creation or expansion of  
7 urban farms, community gardens, and rooftop gar-  
8 dens that grow produce for personal use or for local  
9 sale through farm stands, farmers’ markets, commu-  
10 nity supported agriculture subscriptions, and other  
11 delivery methods.”; and

12 (3) by adding at the end the following:

13 “(i) FUNDING.—Of the funds of the Commodity  
14 Credit Corporation, the Secretary shall use to carry out  
15 this section \$25,000,000 for fiscal year 2020 and each fis-  
16 cal year thereafter, to remain available until expended.”.

## 17 **TITLE II—FORESTS**

### 18 **SEC. 201. REFORESTATION TRUST FUND.**

19 (a) IN GENERAL.—Section 303 of Public Law 96–  
20 451 (16 U.S.C. 1606a) is amended—

21 (1) in subsection (b)—

22 (A) in paragraph (1), by striking “Subject  
23 to” and all that follows through “the Sec-  
24 retary” and inserting “The Secretary”;

25 (B) by striking paragraph (2); and

1 (C) by redesignating paragraph (3) as  
2 paragraph (2);

3 (2) in subsection (d)—

4 (A) in the matter preceding paragraph  
5 (1)—

6 (i) by striking the subsection designa-  
7 tion and all that follows through “The Sec-  
8 retary” and inserting the following:

9 “(d) REFORESTATION BY SECRETARY OF AGRI-  
10 CULTURE.—The Secretary”; and

11 (ii) by striking “for”;

12 (B) in paragraph (1)—

13 (i) by inserting “for” before “reforest-  
14 ation”; and

15 (ii) by striking “and” at the end;

16 (C) by redesignating paragraph (2) as  
17 paragraph (6);

18 (D) by inserting after paragraph (1) the  
19 following:

20 “(2) to the Chief of the Forest Service to refore-  
21 est National Forest System land determined to be in  
22 need of active reforestation based on field surveys  
23 assessing regeneration potential, in accordance with  
24 subsection (f), by planting—

1           “(A) to the maximum extent practicable,  
2           75,000,000 trees in each of calendar years  
3           2021 and 2022;

4           “(B) to the maximum extent practicable,  
5           100,000,000 trees in each of calendar years  
6           2023 and 2024;

7           “(C) to the maximum extent practicable,  
8           150,000,000 trees in each of calendar years  
9           2025 and 2026; and

10           “(D) to the maximum extent practicable,  
11           200,000,000 trees in calendar year 2027 and  
12           each calendar year thereafter;

13           “(3) to carry out the Reforest America Grant  
14           Program established under section 6 of the Coopera-  
15           tive Forestry Assistance Act of 1978;

16           “(4) to carry out the urban wood programs es-  
17           tablished under section 21 of the Cooperative For-  
18           estry Assistance Act of 1978;

19           “(5) to operate the Stewardship Corps estab-  
20           lished under section 204 of the Climate Stewardship  
21           Act of 2019; and”); and

22           (E) in paragraph (6) (as so redesignated),  
23           by inserting “for” before “properly”; and  
24           (3) by adding at the end the following:

1           “(e) REFORESTATION BY SECRETARY OF THE INTE-  
2 RIOR.—The Secretary of the Interior shall obligate such  
3 sums from the Trust Fund as are necessary to reforest,  
4 in accordance with subsection (f)—

5           “(1) by planting on land determined to be in  
6 need of active reforestation based on field surveys  
7 assessing regeneration potential and managed by the  
8 Bureau of Land Management—

9           “(A) to the maximum extent practicable,  
10           25,000,000 trees in each of calendar years  
11           2021 and 2022;

12           “(B) to the maximum extent practicable,  
13           50,000,000 trees in each of calendar years  
14           2023 and 2024;

15           “(C) to the maximum extent practicable,  
16           75,000,000 trees in each of calendar years  
17           2025 and 2026; and

18           “(D) to the maximum extent practicable,  
19           100,000,000 trees in calendar year 2027 and  
20           each calendar year thereafter; and

21           “(2) by planting on land that is in need of ac-  
22           tive reforestation and is managed by the Bureau of  
23           Indian Affairs—

1           “(A) to the maximum extent practicable,  
2           12,500,000 trees in each of calendar years  
3           2021 and 2022;

4           “(B) to the maximum extent practicable,  
5           25,000,000 trees in each of calendar years  
6           2023 and 2024;

7           “(C) to the maximum extent practicable,  
8           37,500,000 trees in each of calendar years  
9           2025 and 2026; and

10           “(D) to the maximum extent practicable,  
11           50,000,000 trees in calendar year 2027 and  
12           each calendar year thereafter.

13           “(f) REFORESTATION.—

14           “(1) DEFINITION OF CONNECTIVITY.—In this  
15           subsection, the term ‘connectivity’ means the degree  
16           to which the landscape facilitates native species  
17           movement.

18           “(2) REFORESTATION.—

19           “(A) IN GENERAL.—Reforestation under  
20           subsection (d)(2) and subsection (e) shall con-  
21           sist of ecologically based site preparation, tree  
22           planting, and subsequent management using  
23           practices that—

1           “(i) are informed by climate change  
2 science and the importance of spatial pat-  
3 tern;

4           “(ii) enhance forest health, resilience,  
5 and biodiversity; and

6           “(iii) reduce vulnerability to future  
7 forest mortality and catastrophic wildfire.

8           “(B) POST-WILDFIRE REFORESTATION.—  
9 In the case of reforestation under subsection  
10 (d)(2) and subsection (e), sums available in the  
11 Trust Fund shall not be used for post-wildfire  
12 salvage logging.

13           “(3) PRIORITY.—In carrying out reforestation  
14 under subsection (d)(2) and subsection (e), the Chief  
15 of the Forest Service and the Secretary of the Inte-  
16 rior, as applicable, shall give priority to planting—

17           “(A) on land that was subject to a mor-  
18 tality event caused by a high intensity wildfire,  
19 pest infestation, invasive species, or drought or  
20 other extreme weather;

21           “(B) that will restore and maintain resil-  
22 ient landscapes;

23           “(C) on land on which the planting pro-  
24 vides increased habitat connectivity for wildlife;  
25 and

1                   “(D) that will provide the largest potential  
2                   long-term increase in carbon sequestration.

3           “(g) MANDATORY FUNDING.—To carry out para-  
4 graphs (2) through (5) of subsection (d) and subsection  
5 (e), the Secretary of the Treasury shall transfer from the  
6 general fund of the Treasury into the Trust Fund  
7 \$4,500,000,000 for fiscal year 2021 and each fiscal year  
8 thereafter, to remain available until expended.”.

9           (b) REGULATIONS.—Not later than 180 days after  
10 the date of enactment of this Act, the Secretary of Agri-  
11 culture and the Secretary of the Interior shall issue regu-  
12 lations necessary to carry out the amendments made by  
13 this section.

14 **SEC. 202. REFOREST AMERICA GRANT PROGRAM.**

15           The Cooperative Forestry Assistance Act of 1978 is  
16 amended by inserting after section 5 (16 U.S.C. 2103a)  
17 the following:

18 **“SEC. 6. REFOREST AMERICA GRANT PROGRAM.**

19           “(a) DEFINITIONS.—In this section:

20                   “(1) COMMUNITY OF COLOR.—The term ‘com-  
21 munity of color’ means, in a State, a census block  
22 group in an urban area for which the aggregate per-  
23 centage of residents who identify as Black, African-  
24 American, Asian, Pacific Islander, Hispanic, Latino,  
25 other non-White race, or linguistically isolated is—

1 “(A) not less than 50 percent; or

2 “(B) is significantly higher than the State  
3 average.

4 “(2) ELIGIBLE COST.—The term ‘eligible cost’  
5 means, with respect to a project of an eligible entity  
6 under the Program—

7 “(A) the cost of implementing a reforest-  
8 ation project, including by—

9 “(i) planning and designing the refor-  
10 estation activity, including considering rel-  
11 evant science;

12 “(ii) establishing tree nurseries;

13 “(iii) purchasing trees; and

14 “(iv) ecologically based site prepara-  
15 tion, including the labor and cost associ-  
16 ated with the use of machinery;

17 “(B) the cost of maintaining and moni-  
18 toring planted trees for a period of up to 3  
19 years to ensure successful establishment of the  
20 trees;

21 “(C) with respect to reforestation in an  
22 urban area under subsection (e) in a low in-  
23 come community that has an existing tree can-  
24 opy cover of not more than 20 percent, not



1 more than 50 percent of the cost of the mainte-  
2 nance of any nearby tree canopy; and

3 “(D) any other relevant cost, as deter-  
4 mined by the Secretary.

5 “(3) ELIGIBLE ENTITY.—The term ‘eligible en-  
6 tity’ means—

7 “(A) a State agency;

8 “(B) a local governmental entity;

9 “(C) an Indian Tribe; and

10 “(D) a nonprofit organization.

11 “(4) ELIGIBLE LAND.—

12 “(A) IN GENERAL.—The term ‘eligible  
13 land’ means—

14 “(i) land owned in fee simple by an el-  
15 igible entity—

16 “(I)(aa) for which, at the time of  
17 application to the Program under sub-  
18 section (c), the forest stocking level of  
19 the land is less than 25 percent of re-  
20 gional norms for forest properties  
21 with comparable tree species and soil  
22 characteristics; and

23 “(bb) that is in need of active re-  
24 forestation due to events such as—

1                   “(AA) high intensity wild-  
2                   fire;

3                   “(BB) pest infestation;

4                   “(CC) invasive species; and

5                   “(DD) drought and other  
6                   extreme weather; or

7                   “(II) that was formerly forest  
8                   land and has been abandoned or in-  
9                   completely reclaimed from mining,  
10                  commercial development, clearing for  
11                  agriculture, or other nonforest use;  
12                  and

13                  “(ii) with respect to reforestation in  
14                  an urban area under subsection (e), land  
15                  in that urban area that is owned in fee  
16                  simple by an eligible entity.

17                  “(B) EXCLUSION.—The term ‘eligible land’  
18                  does not include land on which the eligible enti-  
19                  ty conducted a timber harvest—

20                         “(i) not later than 5 years before the  
21                         date on which the eligible entity submits  
22                         an application under subsection (c); and

23                         “(ii) that resulted in a forest stocking  
24                         level described in subparagraph  
25                         (A)(i)(I)(aa).

1           “(5) INDIAN TRIBE.—The term ‘Indian Tribe’  
2 has the meaning given the term ‘Indian tribe’ in sec-  
3 tion 4 of the Indian Self-Determination and Edu-  
4 cation Assistance Act (25 U.S.C. 5304).

5           “(6) LOCAL GOVERNMENTAL ENTITY.—The  
6 term ‘local governmental entity’ means any munic-  
7 ipal government or county government with jurisdic-  
8 tion over local land use decisions.

9           “(7) LOW INCOME COMMUNITY.—The term ‘low  
10 income community’ means any census block group in  
11 an urban area in which not less than 30 percent of  
12 the population lives below the poverty line (as de-  
13 fined in section 673 of the Community Services  
14 Block Grant Act (42 U.S.C. 9902)).

15           “(8) NONPROFIT ORGANIZATION.—The term  
16 ‘nonprofit organization’ means an organization  
17 that—

18                   “(A) is described in section 170(h)(3) of  
19 the Internal Revenue Code of 1986; and

20                   “(B) operates in accordance with 1 or  
21 more of the purposes described in section  
22 170(h)(4)(A) of that Code.

23           “(9) PROGRAM.—The term ‘Program’ means  
24 the Reforest America Grant Program established  
25 under subsection (b)(1).

1           “(10) SECRETARY.—The term ‘Secretary’  
2 means the Secretary of Agriculture, acting through  
3 the Chief of the Forest Service.

4           “(11) URBAN AREA.—The term ‘urban area’  
5 means an area identified by the Bureau of the Cen-  
6 sus as an ‘urban area’ in the most recent census.

7           “(b) ESTABLISHMENT.—

8           “(1) IN GENERAL.—The Secretary shall estab-  
9 lish a program, to be known as the ‘Reforest Amer-  
10 ica Grant Program’, under which the Secretary shall  
11 award grants to eligible entities to conduct projects  
12 to reforest eligible land in accordance with this sec-  
13 tion.

14           “(2) REFORESTATION.—In carrying out the  
15 Program, the Secretary shall, to the maximum ex-  
16 tent practicable, award sufficient grants each year to  
17 plant—

18           “(A) 50,000,000 trees in each of calendar  
19 years 2021 and 2022;

20           “(B) 100,000,000 trees in each of calendar  
21 years 2023 and 2024;

22           “(C) 150,000,000 trees in each of calendar  
23 years 2025 and 2026; and

24           “(D) 250,000,000 trees in calendar year  
25 2027 and each calendar year thereafter.

1 “(c) APPLICATIONS.—

2 “(1) IN GENERAL.—An eligible entity that  
3 seeks to receive a grant under the Program shall  
4 submit an application at such time, in such form,  
5 and containing such information as the Secretary  
6 may require, including the information described in  
7 paragraph (2), to—

8 “(A) the State forester or equivalent offi-  
9 cial of the State in which the eligible entity is  
10 located; or

11 “(B) in the case of an eligible entity that  
12 is an Indian Tribe, an official of the governing  
13 body of the Indian Tribe.

14 “(2) CONTENTS.—An application submitted  
15 under paragraph (1) shall include—

16 “(A) the reason that the forest stocking  
17 level of the land is less than 25 percent of re-  
18 gional norms for forest properties with com-  
19 parable tree species and soil characteristics, if  
20 applicable;

21 “(B) the natural, economic, and environ-  
22 mental benefits of returning the eligible land to  
23 forested condition;

24 “(C) an estimate of the annual carbon se-  
25 questration that will be achieved by the re-

1 planted forests, using processes determined by  
2 the Secretary;

3 “(D) a reforestation plan that includes—

4 “(i) a list of expected eligible costs;

5 “(ii) a description of the site prepara-  
6 tion and the tree species to be planted;

7 “(iii) a description of the manner in  
8 which the design of the project is informed  
9 by climate change science and will enhance  
10 forest health, resilience, and biodiversity;

11 “(iv) an explanation of the manner in  
12 which the land will be maintained for 36  
13 months after planting to ensure successful  
14 establishment; and

15 “(v) an explanation of the manner in  
16 which the land will be managed later than  
17 36 months after planting, including wheth-  
18 er that management shall include a timber  
19 harvest;

20 “(E) in the case of an application for an  
21 urban reforestation project under subsection  
22 (e)—

23 “(i) a description of the manner in  
24 which the tree planting shall address dis-

1                   parities in local environmental quality,  
2                   such as lower tree canopy cover; and

3                   “(ii) a description of the anticipated  
4                   community and stakeholder engagement in  
5                   the project; and

6                   “(F) any other relevant information re-  
7                   quired by the Secretary.

8                   “(3) APPLICATIONS TO SECRETARY.—Each offi-  
9                   cial that receives an application under paragraph (1)  
10                  shall submit the application to the Secretary with a  
11                  description of the application and any other relevant  
12                  information that the Secretary may require.

13                  “(d) PRIORITY.—

14                  “(1) DEFINITION OF CONNECTIVITY.—In this  
15                  subsection, the term ‘connectivity’ means the degree  
16                  to which the landscape facilitates native species  
17                  movement.

18                  “(2) PRIORITY.—In awarding grants under the  
19                  Program, the Secretary shall give priority—

20                  “(A) to projects that provide the largest  
21                  potential increase in carbon sequestration per  
22                  dollar;

23                  “(B) to projects that provide increased  
24                  habitat connectivity for wildlife;

1           “(C) to projects under which an eligible  
2           entity will enter into a contract or cooperative  
3           agreement with 1 or more qualified youth or  
4           conservation corps (as the term is defined in  
5           section 203 of Public Law 91–378 (commonly  
6           known as the ‘Youth Conservation Corps Act of  
7           1970’) (16 U.S.C. 1722)); and

8           “(D) in the case of urban reforestation  
9           projects under subsection (e), to projects that—

10           “(i) are located in a community of  
11           color or a low-income community;

12           “(ii) are located in a neighborhood  
13           with poor local environmental quality, in-  
14           cluding lower tree canopy cover and higher  
15           maximum daytime summer temperatures;

16           “(iii) are located in a neighborhood  
17           with high amounts of senior citizens or  
18           children;

19           “(iv) are located immediately adjacent  
20           to large numbers of residents;

21           “(v) will collaboratively engage neigh-  
22           bors and community members that will be  
23           closely affected by the tree planting in as  
24           many aspects of project development and  
25           implementation as possible; and



1           “(vi) will employ a substantial per-  
2           centage of the workforce locally, with a  
3           focus on engaging unemployed and under-  
4           employed persons in communities of color  
5           and low-income communities.

6           “(e) URBAN REFORESTATION.—

7           “(1) IN GENERAL.—In carrying out the Pro-  
8           gram, the Secretary shall award sufficient grants  
9           each year to projects carried out in urban areas to  
10          plant, to the maximum extent practicable—

11           “(A) 5,000,000 trees in each of calendar  
12          years 2021 through 2023;

13           “(B) 10,000,000 trees in each of calendar  
14          years 2024 through 2027; and

15           “(C) 15,000,000 trees in calendar year  
16          2028 and each calendar year thereafter.

17           “(2) FEDERAL SHARE.—The Secretary shall  
18          award a grant to an eligible entity under the Pro-  
19          gram to conduct a reforestation project in an urban  
20          area in an amount equal to not more than 90 per-  
21          cent of the cost of reforesting the eligible land, as  
22          determined by the Secretary.

23           “(3) MATCHING REQUIREMENT.—As a condi-  
24          tion of receiving a grant described in paragraph (2),  
25          an eligible entity shall provide, in cash or through

1 in-kind contributions from non-Federal sources,  
2 matching funds in an amount equal to not less than  
3 10 percent of the cost of reforesting the eligible  
4 land, as determined by the Secretary.

5 “(f) PROHIBITED CONVERSION TO NONFOREST  
6 USE.—

7 “(1) IN GENERAL.—Subject to paragraphs (2)  
8 and (3), an eligible entity that receives a grant  
9 under the Program shall not sell or convert land  
10 that was reforested under the Program to nonforest  
11 use.

12 “(2) REIMBURSEMENT OF FUNDS.—An eligible  
13 entity that receives a grant under this Program and  
14 sells or converts land that was reforested under the  
15 Program to nonforest use shall pay to the Federal  
16 Government an amount equal to the greater of—

17 “(A) the amount of the grant; and

18 “(B) the current appraised value of timber  
19 stocks on that land.

20 “(3) LOSS OF ELIGIBILITY.—An eligible entity  
21 that receives a grant under this Program and sells  
22 or converts land that was reforested under the Pro-  
23 gram to nonforest use shall not be eligible for addi-  
24 tional grants under the Program.

25 “(g) COSTS.—

1           “(1) FEDERAL SHARE.—Unless otherwise pro-  
2           vided under this section, the Secretary shall award  
3           a grant to an eligible entity under the Program in  
4           an amount equal to not more than 75 percent of the  
5           cost of reforesting the eligible land, as determined by  
6           the Secretary.

7           “(2) MATCHING REQUIREMENT.—Unless other-  
8           wise provided under this section, as a condition of  
9           receiving a grant under the Program, an eligible en-  
10          tity shall provide, in cash or through in-kind con-  
11          tributions from non-Federal sources, matching funds  
12          in an amount equal to not less than 25 percent of  
13          the cost of reforesting the eligible land, as deter-  
14          mined by the Secretary.

15          “(h) PLANTING SURVIVAL.—An eligible entity that  
16          receives a grant under the Program shall—

17                 “(1) not later than 36 months after planting  
18                 has been completed using the grant funds, submit to  
19                 the responsible State or Tribal official, as applicable,  
20                 a monitoring report that describes project implemen-  
21                 tation, including the survival rate of all plantings  
22                 made under the grant; and

23                 “(2) if the survival rate reported in the moni-  
24                 toring report under paragraph (1) is, after 36  
25                 months, less than the required minimum survival

1 rate for the geographic area in which the planting  
2 is located, as determined by a State forester or  
3 equivalent State or Tribal official, as applicable, re-  
4 plant tree seedlings in a quantity equivalent to half  
5 of the original planting, using comparable means to  
6 the original planting.

7 “(i) PREVAILING WAGE REQUIREMENT.—Any con-  
8 tractor or subcontractor entering into a service contract  
9 in connection with a project under the Program shall—

10 “(1) be treated as a Federal contractor or sub-  
11 contractor for purposes of chapter 67 of title 41,  
12 United States Code (commonly known as the  
13 ‘McNamara-O’Hara Service Contract Act of 1965’);  
14 and

15 “(2) pay each class of employee employed by  
16 the contractor or subcontractor wages and fringe  
17 benefits at rates in accordance with prevailing rates  
18 for the class in the locality, or, where a collective-  
19 bargaining agreement covers the employee, in ac-  
20 cordance with the rates provided for in the agree-  
21 ment, including prospective wage increases provided  
22 for in the agreement.

23 “(j) REPORT.—The Secretary shall annually submit  
24 to the relevant committees of Congress a report that de-  
25 scribes the activities of the Program, including the total

1 amount of carbon sequestered by replanted forests during  
2 the year covered by the report.

3 “(k) FUNDING.—

4 “(1) IN GENERAL.—Of the funds of the Refor-  
5 estation Trust Fund established under section 303  
6 of Public Law 96–451 (16 U.S.C. 1606a), the Sec-  
7 retary shall use such sums as are necessary to carry  
8 out the Program.

9 “(2) ADMINISTRATIVE COSTS AND TECHNICAL  
10 ASSISTANCE.—Of the funds used under paragraph  
11 (1), the Secretary shall allocate not more than 10  
12 percent for each fiscal year to State foresters or  
13 equivalent officials, including equivalent officials of  
14 Indian Tribes, for administrative costs and technical  
15 assistance under the Program.”.

16 **SEC. 203. URBAN WOOD PROGRAMS.**

17 (a) IN GENERAL.—The Cooperative Forestry Assist-  
18 ance Act of 1978 (16 U.S.C. 2101 et seq.) is amended  
19 by adding at the end the following:

20 **“SEC. 21. URBAN WOOD PROGRAMS.**

21 “(a) DEFINITIONS.—In this section:

22 “(1) INNOVATIVE URBAN WOOD PRODUCT.—  
23 The term ‘innovative urban wood product’ means a  
24 wood product that uses wood residues and byprod-  
25 ucts from urban forest management, building

1 deconstruction, and other related sources of wood  
2 generated in urban areas.

3 “(2) SECRETARY.—The term ‘Secretary’ means  
4 the Secretary, acting through the Research and De-  
5 velopment Deputy Area and the State and Private  
6 Forestry Deputy Area of the Forest Service.

7 “(3) WOOD PRODUCT.—The term ‘wood prod-  
8 uct’ includes—

9 “(A) building material made of wood;

10 “(B) a durable home product made of  
11 wood; and

12 “(C) a woody residue used for bioenergy.

13 “(b) URBAN WOOD RESEARCH AND DEVELOPMENT  
14 PROGRAM.—

15 “(1) DEFINITION OF ELIGIBLE ENTITY.—In  
16 this subsection, the term ‘eligible entity’ means—

17 “(A) a unit of State, Tribal, or local gov-  
18 ernment;

19 “(B) a land-grant college or university (as  
20 defined in section 1404 of the National Agricul-  
21 tural Research, Extension, and Teaching Policy  
22 Act of 1977 (7 U.S.C. 3103)) or other institu-  
23 tion of higher education;

24 “(C) a nonprofit organization; and

1           “(D) any other entity, as determined by  
2           the Secretary.

3           “(2) ESTABLISHMENT.—The Secretary shall es-  
4           tablish a program to facilitate the use of innovative  
5           urban wood products in incorporated cities and  
6           towns in the United States by—

7           “(A) conducting performance-driven re-  
8           search and development relating to the potential  
9           sources and uses of urban wood products;

10           “(B) providing education and technical as-  
11           sistance to eligible entities relating to the poten-  
12           tial sources and uses of urban wood products;  
13           and

14           “(C) awarding grants under paragraph  
15           (5).

16           “(3) COLLABORATION.—In carrying out the  
17           program established under paragraph (2), the Sec-  
18           retary shall obtain input and guidance from, and  
19           collaborate with—

20           “(A) the wood products industry;

21           “(B) conservation organizations;

22           “(C) community organizations; and

23           “(D) institutions of higher education.

24           “(4) RESEARCH AND DEVELOPMENT, EDU-  
25           CATION, AND TECHNICAL ASSISTANCE.—The Sec-

1       retary shall carry out subparagraphs (A) and (B) of  
2       paragraph (2) at the Forest Products Laboratory of  
3       the Department of Agriculture or through the State  
4       and Private Forestry Deputy Area in a manner that  
5       meets the needs of municipalities, private companies,  
6       trade and technical schools, and other entities that  
7       work with urban wood.

8               “(5) GRANTS.—After obtaining input and guid-  
9       ance from the entities described in paragraph (3),  
10       the Secretary shall award grants on a competitive  
11       basis to eligible entities to conduct research and de-  
12       velopment and provide education and technical as-  
13       sistance that—

14                       “(A) increases the use of urban wood; and

15                       “(B) provides increased employment oppor-  
16       tunities in the urban wood industry and related  
17       fields.

18               “(6) PRIORITIES.—In carrying out the program  
19       established under paragraph (2), the Secretary shall  
20       give priority to projects and activities that—

21                       “(A)(i) identify new products that can be  
22       created from urban wood; or

23                       “(ii) improve on existing processes to  
24       produce innovative urban wood products with  
25       greater efficiency and quality;



1           “(B) facilitate improved commercialization  
2 of innovative urban wood products;

3           “(C) engage unemployed and under-  
4 employed persons in disadvantaged communities  
5 in worker training, full-time employment, and  
6 incubation of new commercial enterprises; and

7           “(D) increase the carbon mitigation benefit  
8 of the management of urban wood, as measured  
9 by the lifecycle environmental footprint of a  
10 wood product or production process, beginning  
11 with the collection of raw urban wood materials  
12 and ending with the manufacturing process.

13           “(7) TIMEFRAME.—To the maximum extent  
14 practicable, the measurable performance goals for  
15 the research and development, education, and tech-  
16 nical assistance conducted under the program estab-  
17 lished under paragraph (2) shall be achievable with-  
18 in a 10-year timeframe beginning on the date of es-  
19 tablishment of the program.

20           “(c) URBAN WOOD BUILDING COMPETITION.—Be-  
21 ginning in fiscal year 2021, the Secretary shall carry out  
22 an annual competition, in accordance with section 24 of  
23 the Stevenson-Wydler Technology Innovation Act of 1980  
24 (15 U.S.C. 3719), for—

1           “(1) innovative urban wood products and manu-  
2           facturing processes; or

3           “(2) other innovative wood product demonstra-  
4           tions.

5           “(d) FUNDING.—Of the funds of the Reforestation  
6           Trust Fund established under section 303 of Public Law  
7           96–451 (16 U.S.C. 1606a), the Secretary shall use  
8           \$35,000,000 each fiscal year to carry out this section.”.

9           (b) URBAN WOOD INNOVATION GRANTS.—Section  
10          8643 of the Agriculture Improvement Act of 2018 (7  
11          U.S.C. 7655d) is amended—

12           (1) in subsection (a)—

13                   (A) by redesignating paragraph (2) as  
14                   paragraph (3); and

15                   (B) by inserting after paragraph (1) the  
16                   following:

17           “(2) INNOVATIVE URBAN WOOD PRODUCT.—

18           The term ‘innovative urban wood product’ means a  
19           wood product that uses wood residues and byprod-  
20           ucts from urban forest management, building  
21           deconstruction, and other related sources of wood  
22           generated in urban areas.”;

23           (2) in subsection (b)—

1 (A) in paragraph (1), by striking “(Octo-  
2 ber 20, 2015)), may” and inserting the fol-  
3 lowing: “(October 20, 2015)—

4 “(A) may”;

5 (B) in subparagraph (A) (as so des-  
6 ignated), by striking the period at the end and  
7 inserting “; and”; and

8 (C) by adding at the end the following:

9 “(B) shall, to the maximum extent prac-  
10 ticable, award 1 or more wood innovation  
11 grants each year to eligible entities for the pur-  
12 pose of advancing the use of innovative urban  
13 wood products.”; and

14 (3) in subsection (e), by striking “under sub-  
15 section (b)(2)” and inserting “for grants under sub-  
16 section (b)(1)(A)”.

17 **SEC. 204. STEWARDSHIP CORPS.**

18 (a) IN GENERAL.—The Secretary of Agriculture (re-  
19 ferred to in this section as the “Secretary”), in consulta-  
20 tion with the Secretary of the Interior, shall establish a  
21 civilian conservation corps, to be known as the “Steward-  
22 ship Corps” (referred to in this section as the “Steward-  
23 ship Corps”), to provide youth from low-income commu-  
24 nities, indigenous communities, and communities of color  
25 with the academic, vocational, and social skills necessary

1 to pursue long term, productive careers in the forest sector  
2 and the wetland restoration sector.

3 (b) REFORESTATION AND RESTORATION ON FED-  
4 ERAL LAND.—To the maximum extent practicable, mem-  
5 bers of the Stewardship Corps shall perform—

6 (1)(A) in each of calendar years 2021 through  
7 2025, not less than 20 percent of the reforestation  
8 required under subsections (d)(2) and (e) of section  
9 303 of Public Law 96–451 (16 U.S.C. 1606a); and

10 (B) in calendar years 2026 and each calendar  
11 year thereafter, not less than 40 percent of the re-  
12 forestation described in subparagraph (A); and

13 (2)(A) in each of calendar years 2021 through  
14 2025, not less than 20 percent of the wetlands res-  
15 toration required under section 307; and

16 (B) in calendar year 2026 and each calendar  
17 year thereafter, not less than 40 percent of the wet-  
18 lands restoration described in subparagraph (A).

19 (c) DURATION OF PARTICIPATION.—An individual  
20 shall serve in the Stewardship Corps for not more than  
21 2 years.

22 (d) HOUSING AND CARE.—The Secretary shall pro-  
23 vide to each member of the Stewardship Corps housing,  
24 subsistence, clothing, medical attention (including hos-

1 pitalization), transportation, and a cash allowance, as de-  
2 termined necessary by the Secretary.

3 (e) COMPENSATION.—Members of the Stewardship  
4 Corps shall be paid at a rate in accordance with the pre-  
5 vailing rate for a similar class of Federal employees in the  
6 locality.

7 (f) JOB PLACEMENT.—The Secretary shall assist  
8 members of the Stewardship Corps with obtaining employ-  
9 ment in the forest sector and the wetlands restoration sec-  
10 tor on the completion of service under the Stewardship  
11 Corps.

## 12 **TITLE III—COASTAL WETLAND**

### 13 **SEC. 301. DEFINITIONS.**

14 In this title:

15 (1) ADMINISTRATOR.—The term “Adminis-  
16 trator” means the Under Secretary of Commerce for  
17 Oceans and Atmosphere and Administrator of the  
18 National Oceanic and Atmospheric Administration.

19 (2) COASTAL WETLAND.—The term “coastal  
20 wetland” means estuarine vegetated coastal habitat,  
21 including salt marsh, seagrass, mangrove, and other  
22 vegetated marine habitats.

23 (3) INDIAN TRIBE.—The term “Indian Tribe”  
24 has the meaning given the term “Indian tribe” in

1 section 4 of the Indian Self-Determination and Edu-  
2 cation Assistance Act (25 U.S.C. 5304).

3 (4) INSTITUTION OF HIGHER EDUCATION.—The  
4 term “institution of higher education” has the  
5 meaning given that term in section 101 of the High-  
6 er Education Act of 1965 (20 U.S.C. 1001).

7 (5) NATURAL INFRASTRUCTURE.—The term  
8 “natural infrastructure” means infrastructure  
9 that—

10 (A) uses, restores, or emulates natural eco-  
11 logical processes; and

12 (B)(i) is created through the action of nat-  
13 ural physical, geological, biological, and chem-  
14 ical processes over time;

15 (ii) is created by human design, engineer-  
16 ing, and construction to emulate or act in con-  
17 cert with natural processes; or

18 (iii) involves the use of plants, soils, and  
19 other natural features, including through the  
20 creation, restoration, or preservation of vege-  
21 tated areas using materials appropriate to the  
22 area.

23 (6) NONPROFIT ORGANIZATION.—The term  
24 “nonprofit organization” means an organization that  
25 is described in section 501(c) of the Internal Rev-

1        enue Code of 1986 and exempt from tax under sec-  
2        tion 501(a) of such Code.

3            (7) PROGRAM.—The term “Program” means  
4        the Coastal and Estuary Resilience Grant Program  
5        as established by section 302.

6            (8) RESTORATION.—The term “restoration”  
7        means renewing, enhancing, or replacing degraded,  
8        damaged, vulnerable, or destroyed wetlands to im-  
9        prove the ecosystem function and resilience through  
10       active human intervention and action, such as—

11            (A) improving hydrological conditions  
12            (such as by removing tidal barriers, improving  
13            connectivity, or changing water levels);

14            (B) altering sediment supply (such as  
15            through the beneficial use of dredge material,  
16            thin-layer spraying, or reconnecting river sedi-  
17            ment);

18            (C) changing salinity characteristics;

19            (D) improving water quality (such as by  
20            reducing excess nutrients, sedimentation, or  
21            contaminants);

22            (E) planting of native plants, removal of  
23            invasive species, and other improved manage-  
24            ment practices;

1 (F) controlling erosion of wetland edges;

2 and

3 (G) enabling future inland migration as

4 sea levels rise, including through the enhance-

5 ment of adjacent fresh water wetlands.

6 (9) STATE.—The term “State” means a State,

7 the District of Columbia, or any territory or posses-

8 sion of the United States.

9 **SEC. 302. COASTAL AND ESTUARY RESILIENCE GRANT PRO-**  
10 **GRAM.**

11 (a) ESTABLISHMENT.—The Secretary of Commerce

12 shall establish a program, to be known as the “Coastal

13 and Estuary Resilience Grant Program”, under which the

14 Secretary awards grants to entities that are eligible under

15 subsection (b) to fund coastal wetland restoration projects

16 that are eligible under subsection (c).

17 (b) ELIGIBLE ENTITIES.—An entity is eligible to

18 apply for a grant under the Program if the entity is an

19 institution of higher education, a nonprofit organization,

20 a State or local government, or an Indian Tribe.

21 (c) ELIGIBLE PROJECTS.—A project is eligible for a

22 grant under the Program if the project is designed to re-

23 duce net greenhouse gases through one of the following:

24 (1) The sequestration of additional carbon diox-

25 ide through—



1 (A) the active restoration of degraded  
2 coastal wetland; and

3 (B) the protection of threatened coastal  
4 wetland.

5 (2) The halting of ongoing carbon dioxide emis-  
6 sions, and the resumption of the natural rate of car-  
7 bon capture, through the restoration of drained  
8 coastal wetland.

9 (3) The halting of ongoing methane emissions,  
10 and the resumption of the natural rate of carbon  
11 storage, through the restoration of formerly tidal  
12 wetland that has lost tidal connectivity and become  
13 fresh wetland (commonly known as “impounded wet-  
14 land”).

15 (d) GRANT EVALUATION CRITERIA.—In reviewing  
16 applications for grants under the Program, the Secretary  
17 shall give priority to projects that exhibit the highest po-  
18 tential to—

19 (1) mitigate greenhouse gas emissions by—

20 (A) reducing greenhouse gas emissions; or

21 (B) capturing and storing greenhouse  
22 gases;

23 (2) reinforce ecosystem resilience and adapta-  
24 tion by—

1 (A) preparing for sea level rise in order to  
2 reduce vulnerability to sea level rise and ero-  
3 sion;

4 (B) supporting resilience against flooding  
5 and sea level rise; or

6 (C) restoring or enhancing ecosystem func-  
7 tion; or

8 (3) provide economic and social co-benefits by—

9 (A) reducing the potential impact and  
10 damage of storms on the built environment;

11 (B) advancing environmental justice by re-  
12 ducing the disproportionate impacts of environ-  
13 mental hazards on communities of color, indige-  
14 nous communities, and low-income commu-  
15 nities;

16 (C) providing jobs in coastal communities;

17 (D) including elements of natural infra-  
18 structure;

19 (E) incorporating collaborative partner-  
20 ships; or

21 (F) involving local communities in project  
22 planning and implementation.

23 (e) MATCHING FUNDS.—

24 (1) INCLUSION IN APPLICATIONS.—An eligible  
25 entity under subsection (b) may include in an appli-

1 cation for a grant under the Program a commitment  
2 to provide non-Federal resources (including in-kind  
3 contributions and volunteer hours) to match the  
4 amount of grant.

5 (2) CONSIDERATION.—In reviewing an applica-  
6 tion for a grant under the Program, the Secretary  
7 may consider the inclusion of a commitment under  
8 paragraph (1) but may not require such a commit-  
9 ment as a condition of receiving a grant.

10 (f) ELIGIBLE COSTS.—A grant awarded under the  
11 Program shall be available for all phases of the develop-  
12 ment, implementation, and monitoring of projects that are  
13 eligible under subsection (c), including—

14 (1) preliminary community engagement, plan-  
15 ning, and prioritization;

16 (2) preliminary design and site assessment, in-  
17 cluding—

18 (A) assessments of feasibility;

19 (B) planning; and

20 (C) community engagement;

21 (3) final design and permitting;

22 (4) restoration and project implementation; and

23 (5) monitoring, reporting, and stewardship.

24 (g) REPORTING.—

1           (1) IN GENERAL.—An entity that receives a  
2 grant under the Program for a project shall—

3           (A) collect data on the development and  
4 implementation of the project and stewardship  
5 following completion of the project; and

6           (B) submit that data to the Administrator  
7 for inclusion in the database required by section  
8 303(a).

9           (2) REPORT AFTER PROJECT COMPLETION.—

10 Not later than 1 year after the completion of a  
11 project for which a grant is provided under the Pro-  
12 gram, the entity that received the grant shall submit  
13 to the Administrator a report on the outputs, out-  
14 comes, and impacts of the project, including with re-  
15 spect to—

16           (A) the amount of area restored;

17           (B) the estimated net climate benefit;

18           (C) benefits to nearby communities; and

19           (D) involvement of partners and commu-  
20 nities.

21           (h) MONITORING.—The Secretary shall establish  
22 guidelines providing for monitoring a project for which a  
23 grant is provided under the Program for the 10-year pe-  
24 riod after the grant is awarded.

1 (i) ROLE OF NATIONAL FISH AND WILDLIFE FOUN-  
2 DATION.—In carrying out the Program, the Secretary may  
3 consult, partner, or otherwise coordinate with the National  
4 Fish and Wildlife Foundation established by section 2(a)  
5 of the National Fish and Wildlife Foundation Establish-  
6 ment Act (16 U.S.C. 3701(a)).

7 **SEC. 303. DATA COLLECTION.**

8 (a) DATABASE.—

9 (1) IN GENERAL.—The Administrator shall  
10 maintain a coastal wetland restoration database to  
11 collect information about projects that receive grants  
12 under the Program.

13 (2) DESIGN.—The Administrator shall design  
14 the database required by paragraph (1) to collect  
15 performance metrics on the development and imple-  
16 mentation of projects that receive grants under the  
17 Program and stewardship following completion of  
18 such projects to evaluate the success of those  
19 projects and inform the design of future projects in  
20 an adaptive manner.

21 (3) INCLUDED METRICS.—The database re-  
22 quired by paragraph (1) shall include standardized  
23 metrics for reporting such as—

24 (A) acres restored, protected, or created;

25 (B) habitat type;

- 1 (C) restoration technique;
- 2 (D) estimated net greenhouse gas reduc-
- 3 tion effect;
- 4 (E) jobs created;
- 5 (F) quantified ecosystem services; and
- 6 (G) other metrics selected by the Adminis-
- 7 trator.

8 (4) PUBLIC AVAILABILITY.—The Administrator  
9 shall make products of the database publicly avail-  
10 able and disseminate important findings to the pub-  
11 lic.

12 (b) INVENTORY OF COASTAL WETLAND.—The Ad-  
13 ministrator shall compile an inventory of coastal wetland.

14 **SEC. 304. OUTREACH AND TECHNICAL ASSISTANCE.**

15 The Administrator shall establish a technical assist-  
16 ance program to help entities outside of the National Oce-  
17 anic and Atmospheric Administration in all phases of  
18 coastal wetland restoration project work, including out-  
19 reach to potential applicants for grants under section 302.

20 **SEC. 305. ANNUAL RESTORATION AND FUNDING.**

21 (a) ACREAGE REQUIREMENTS.—To the maximum ex-  
22 tent practicable, the Secretary of Commerce shall award  
23 grants under the Program to conduct coastal wetland res-  
24 toration on 1,500,000 acres over 10 years, as follows:

1           (1) On 50,000 acres in each of fiscal years  
2           2021 and 2022.

3           (2) On 100,000 acres in each of fiscal years  
4           2023 and 2024.

5           (3) On 150,000 acres in each of fiscal years  
6           2025 and 2026.

7           (4) On 225,000 acres in fiscal year 2027 and  
8           each fiscal year thereafter.

9           (b) FUNDING.—

10           (1) IN GENERAL.—On October 1 of each fiscal  
11           year, out of any funds in the Treasury not otherwise  
12           appropriated, the Secretary of the Treasury shall  
13           transfer to the Secretary of Commerce to provide  
14           grants under the Program, to remain available until  
15           expended—

16                   (A) \$1,250,000,000 for each of fiscal years  
17                   2021 and 2022;

18                   (B) \$2,500,000,000 for each of fiscal years  
19                   2023 and 2024;

20                   (C) \$3,750,000,000 for each of fiscal years  
21                   2025 and 2026; and

22                   (D) \$5,625,000,000 for each of fiscal years  
23                   2027 through 2030.

24           (2) RECEIPT AND ACCEPTANCE.—The Sec-  
25           retary of Commerce shall be entitled to receive, shall

1 accept, and shall use to provide grants under the  
2 Program in accordance with paragraph (1) the funds  
3 transferred under that paragraph, without further  
4 appropriation.

5 (c) SUPPLEMENT NOT SUPPLANT.—The amount au-  
6 thorized to be appropriated by subsection (a) shall supple-  
7 ment and not supplant other amounts available to the Sec-  
8 retary of Commerce.

9 **SEC. 306. PREVAILING WAGE REQUIREMENT.**

10 Any contractor or subcontractor entering into a serv-  
11 ice contract in connection with a project under the Pro-  
12 gram shall—

13 (1) be treated as a Federal contractor or sub-  
14 contractor for purposes of chapter 67 of title 41,  
15 United States Code (commonly known as the  
16 “McNamara-O’Hara Service Contract Act of  
17 1965”); and

18 (2) pay each class of employee employed by the  
19 contractor or subcontractor wages and fringe bene-  
20 fits at rates in accordance with prevailing rates for  
21 the class in the locality, or, where a collective-bar-  
22 gaining agreement covers the employee, in accord-  
23 ance with the rates provided for in the agreement,  
24 including prospective wage increases provided for in  
25 the agreement.



1 **SEC. 307. DEPARTMENT OF THE INTERIOR COASTAL WET-**  
2 **LAND RESTORATION; FUNDING.**

3 (a) IN GENERAL.—The Secretary of the Interior shall  
4 conduct coastal wetland restoration on land managed by  
5 the Secretary of the Interior to achieve at least 1 of the  
6 following:

7 (1) The sequestration of additional carbon diox-  
8 ide through—

9 (A) the active restoration of degraded  
10 coastal wetland; and

11 (B) the protection of threatened coastal  
12 wetland.

13 (2) The halting of ongoing carbon dioxide emis-  
14 sions, and the resumption of the natural rate of car-  
15 bon capture, through the restoration of drained  
16 coastal wetland.

17 (3) The halting of ongoing methane emissions,  
18 and the resumption of the natural rate of carbon  
19 storage, through the restoration of formerly tidal  
20 wetland that has lost tidal connectivity and become  
21 fresh wetland (commonly known as “impounded wet-  
22 land”).

23 (b) ACREAGE REQUIREMENTS.—To the maximum ex-  
24 tent practicable, the Secretary of the Interior shall con-  
25 duct coastal wetland restoration under subsection (a)—

1           (1) on land managed by the Director of the  
2 United States Fish and Wildlife Service—

3           (A) on 10,000 acres in each of fiscal years  
4 2021 and 2022;

5           (B) on 20,000 acres in each of fiscal years  
6 2023 and 2024; and

7           (C) on 30,000 acres in fiscal year 2025  
8 and each fiscal year thereafter; and

9           (2) on land managed by the Director of the Na-  
10 tional Park Service—

11           (A) on 10,000 acres in each of fiscal years  
12 2021 and 2022;

13           (B) on 20,000 acres in each of fiscal years  
14 2023 and 2024;

15           (C) on 40,000 acres in each of fiscal years  
16 2025 and 2026;

17           (D) on 80,000 acres in each of fiscal years  
18 2027 and 2028; and

19           (E) on 160,000 acres in fiscal year 2029  
20 and each fiscal year thereafter.

21 (c) FUNDING.—

22           (1) IN GENERAL.—On October 1 of each fiscal  
23 year, out of any funds in the Treasury not otherwise  
24 appropriated, the Secretary of the Treasury shall

1 transfer to the Secretary of the Interior to carry out  
2 this section, to remain available until expended—

3 (A) for coastal wetland restoration on land  
4 managed by the Director of the United States  
5 Fish and Wildlife Service—

6 (i) \$250,000,000 for each of fiscal  
7 years 2021 and 2022;

8 (ii) \$500,000,000 for each of fiscal  
9 years 2023 and 2024; and

10 (iii) \$750,000,000 for each of fiscal  
11 years 2025 through 2030; and

12 (B) for coastal wetland restoration on land  
13 managed by the Director of the National Park  
14 Service—

15 (i) \$250,000,000 for each of fiscal  
16 years 2021 and 2022;

17 (ii) \$500,000,000 for each of fiscal  
18 years 2023 and 2024;

19 (iii) \$1,000,000,000 for each of fiscal  
20 years 2025 and 2026;

21 (iv) \$2,000,000,000 for each of fiscal  
22 years 2027 and 2028; and

23 (v) \$4,000,000,000 for each of fiscal  
24 years 2029 and 2030.

1           (2) RECEIPT AND ACCEPTANCE.—The Sec-  
2       retary of the Interior shall be entitled to receive,  
3       shall accept, and shall use to carry out this section  
4       in accordance with paragraph (1) the funds trans-  
5       ferred under that paragraph, without further appro-  
6       priation.

○