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(Original Signature of Member)

116TH CONGRESS
2D SESSION

H. R. _____

To reauthorize and amend the Coral Reef Conservation Act of 2000, and
for other purposes.

IN THE HOUSE OF REPRESENTATIVES

Mr. CASE introduced the following bill; which was referred to the Committee
on _____

A BILL

To reauthorize and amend the Coral Reef Conservation Act
of 2000, 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 “Coral Reef Conservation Reauthorization Act of 2020”.

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

Sec. 1. Short title; table of contents.

TITLE I—AMENDMENTS TO CORAL REEF CONSERVATION ACT OF
2000

- Sec. 101. Revisions to purposes of Coral Reef Conservation Act of 2000.
- Sec. 102. Revisions to national coral reef action strategy.
- Sec. 103. Revisions to Coral Reef Conservation Grant Program.
- Sec. 104. Coral reef public-private partnership.
- Sec. 105. Revisions to emergency assistance.
- Sec. 106. Revisions to national program.
- Sec. 107. Revisions to effectiveness reports.
- Sec. 108. Revisions to authorization of appropriations.
- Sec. 109. Revisions to definitions.
- Sec. 110. Establishment of United States Coral Reef Task Force.
- Sec. 111. Agreements.
- Sec. 112. Permits.
- Sec. 113. Regulations.
- Sec. 114. Use of recovered amounts.
- Sec. 115. Prize competitions to promote innovation in coral reef research and conservation.
- Sec. 116. Conforming and clerical amendments.

TITLE II—DEPARTMENT OF THE INTERIOR CORAL REEF
AUTHORITIES

- Sec. 201. Coral reef conservation and assistance.
- Sec. 202. United States Geological Survey Coral Reef Ecosystem Studies Program.
- Sec. 203. Use of recovered amounts.
- Sec. 204. Authorization of appropriations.
- Sec. 205. Definitions.

TITLE III—NATIONAL CORAL REEF MANAGEMENT FELLOWSHIP

- Sec. 301. Short title.
- Sec. 302. Definitions.
- Sec. 303. Fellowship program.
- Sec. 304. Fellowship awards.

TITLE IV—ASSESSING THE THREATS AND VALUES OF CORAL
REEF ECOSYSTEMS

- Sec. 401. Definitions.
- Sec. 402. Study examining the impact of ultraviolet filters on coral reef ecosystems.
- Sec. 403. Study to determine the economic, societal, and ecological value of coral reef ecosystems in the United States and territories of the United States.

TITLE V—MISCELLANEOUS PROVISIONS

- Sec. 501. Stock assessments under Magnuson-Stevens Fishery Conservation and Management Act.
- Sec. 502. Deep Sea Coral Research and Technology Program.

1 **TITLE I—AMENDMENTS TO**
2 **CORAL REEF CONSERVATION**
3 **ACT OF 2000**

4 **SEC. 101. REVISIONS TO PURPOSES OF CORAL REEF CON-**
5 **SERVATION ACT OF 2000.**

6 Section 202 of the Coral Reef Conservation Act of
7 2000 (16 U.S.C. 6401) is amended—

8 (1) in paragraph (5), by striking “and” at the
9 end;

10 (2) in paragraph (6), by striking the period at
11 the end and inserting “; and”; and

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

13 “(7) to ensure healthy and resilient coral
14 reefs for the benefit of island and coastal com-
15 munities and the United States.”.

16 **SEC. 102. REVISIONS TO NATIONAL CORAL REEF ACTION**
17 **STRATEGY.**

18 (a) **IN GENERAL.**—Section 203 of the Coral Reef
19 Conservation Act of 2000 (16 U.S.C. 6402) is amended—

20 (1) in subsection (a)—

21 (A) by inserting “Natural” before “Re-
22 sources”;

23 (B) by inserting “, in consultation with the
24 Secretary of the Interior,” before “shall periodi-
25 cally review and revise”; and

1 (C) by striking “this national strategy”
2 and inserting “the national coral reef action
3 strategy or any review or revision to such strat-
4 egy”;

5 (D) by striking “may consult” and insert-
6 ing “shall consult”;

7 (E) by striking “Executive Order 13089
8 (June 11, 1998)” and inserting “section 209”;
9 and
10 (2) in subsection (b)—

11 (A) in the matter preceding paragraph (1),
12 by striking “goals and objectives as well as an
13 implementation plan” and inserting “goals, ob-
14 jectives, and an implementation plan”;

15 (B) in paragraph (7), by striking “includ-
16 ing regional fishery management councils; and”
17 at the end;

18 (C) by amending paragraph (8) to read as
19 follows:

20 “(8) conservation, including how the use of ma-
21 rine protected areas to serve as replenishment zones
22 will be developed consistent with local practices and
23 traditions and in cooperation with, and with respect
24 for the scientific, technical, and management exper-

1 tise and responsibilities of, State fish and wildlife
2 management agencies;” and

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

4 “(9) the condition of coral reefs located within
5 maritime areas and zones subject to the jurisdiction
6 or control of the United States;

7 “(10) emerging threats to coral health, includ-
8 ing changes in ocean temperature and chemistry and
9 threats identified under section 204(d)(3);

10 “(11) adaptive management approaches with
11 clearly identifiable, measurable, and science-based
12 goals; and

13 “(12) restoration efforts, including improving
14 coral reef resiliency.”.

15 (b) DEADLINE.—Not later than 2 years after the
16 date of enactment of this Act, the Secretary shall review
17 and revise the national coral reef action strategy developed
18 under such section.

19 **SEC. 103. REVISIONS TO CORAL REEF CONSERVATION**
20 **GRANT PROGRAM.**

21 Section 204 of the Coral Reef Conservation Act of
22 2000 (16 U.S.C. 6403) is amended—

23 (1) in the heading, by inserting “**GRANT**” be-
24 fore “**PROGRAM**”;

25 (2) in subsection (d)—

1 (A) in the heading, by striking “GEO-
2 GRAPHIC AND BIOLOGICAL DIVERSITY” and in-
3 serting “DISTRIBUTION OF GRANTS”;

4 (B) in the language preceding paragraph
5 (1), by striking “subsection (b)” and inserting
6 “subsection (a)”;

7 (C) by amending paragraph (3) to read as
8 follows:

9 “(3) Remaining funds shall be awarded for
10 projects that address—

11 “(A) bleaching;

12 “(B) mortality events;

13 “(C) disease outbreaks;

14 “(D) harmful algal blooms;

15 “(E) invasive or nuisance species out-
16 breaks;

17 “(F) land-based sources of pollution;

18 “(G) overfishing;

19 “(H) ocean acidification;

20 “(I) coral reef restoration efforts;

21 “(J) regional or international priorities or
22 threats;

23 “(K) physical impacts;

24 “(L) thermal events; and

1 “(M) such other priorities or emerging
2 threats as the Secretary, in consultation with
3 the United States Coral Reef Task Force, may
4 identify.

5 “(4) To the extent practicable, the Secretary
6 shall prioritize grants to a natural resource manage-
7 ment authority of a State that is represented on the
8 United States Coral Reef Task Force.”;

9 (3) in subsection (f), by adding at the end the
10 following:

11 “(3) APPLICANTS SEEKING EMERGENCY CON-
12 SIDERATION.—

13 “(A) REQUEST.—An applicant for assist-
14 ance under this section may request emergency
15 consideration of such applicant’s proposal under
16 this subsection.

17 “(B) CONSIDERATION.—The Secretary
18 shall, not later than 15 days after the date of
19 receipt of a request under subparagraph (A),
20 conduct a preliminary review of the proposed
21 project. The Secretary may issue not more than
22 50 percent of the total amount of assistance for
23 which the Secretary estimates the project will
24 qualify.”;

25 (4) in subsection (g)—

1 (A) in paragraph (1), by inserting “and re-
2 silient coral reef ecosystems” after “coral
3 reefs”; and

4 (B) by amending paragraph (4) to read as
5 follows:

6 “(4) developing sound scientific information on
7 the condition of coral reef ecosystems, threats to
8 such ecosystems or the biodiversity of such eco-
9 systems, the impacts of such threats, and potential
10 interventions to address such threats;”.

11 (C) in paragraph (5), by striking “to im-
12 plement” and inserting “the implementation
13 of”;

14 (D) in paragraph (6), by inserting “, in-
15 cluding how coral reefs function to protect is-
16 land and coastal communities” after “conserva-
17 tion”;

18 (E) by amending paragraph (7) to read as
19 follows:

20 “(7) mapping the location, distribution, and
21 biodiversity, including taxonomic classification and
22 related research, of coral reefs and coral reef eco-
23 systems;”;

24 (F) in paragraph (8), by inserting “and
25 coral reef ecosystems” after “reefs”;

1 (G) in paragraph (9), by striking “or”;

2 (H) by amending paragraph (10) to read
3 as follows:

4 “(10) preventing or minimizing the likelihood of
5 vessel impacts on coral reefs, particularly those
6 areas and any at-risk reefs identified under section
7 207(d), including by promoting ecologically sound
8 navigation and anchorages near coral reefs;” and

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

10 “(11) responding to, or taking action to miti-
11 gate the effects of, coral bleaching, disease, harmful
12 algal blooms, ocean acidification, or other changes in
13 ocean temperature and chemistry;

14 “(12) developing and implementing innovative
15 ecological interventions to build or maintain coral
16 reef resistance and resilience to stressors;

17 “(13) developing and implementing innovative
18 invasive or nuisance species capture, collection, re-
19 moval, or trapping methods for use around coral
20 reefs;

21 “(14) developing and implementing cost-effec-
22 tive methods to restore degraded native coral reef
23 ecosystems with an emphasis on techniques to ad-
24 vance coral recovery, growth, or resiliency;

1 “(15) research on coral diseases, including the
2 prevention and treatment of such diseases;

3 “(16) understanding and cataloging coral ge-
4 netic diversity, including research into traits that
5 promote resilience and applying such research to
6 coral reef restoration efforts;

7 “(17) developing in situ native coral propaga-
8 tion sites for use in coral reef restoration projects;

9 “(18) developing networks of ex situ coral prop-
10 agation nurseries for conservation, including holding
11 coral in aquarium systems and genetic banking, cap-
12 tive breeding of rare species, and captive breeding of
13 resilient coral populations for use in coral reef res-
14 toration projects;

15 “(19) developing networks of improved, real-
16 time water quality monitoring along coral reefs, es-
17 pecially reefs impacted by land-based sources of pol-
18 lution including coastal runoff, sediment erosion and
19 turbidity, and harmful algal blooms;

20 “(20) implementing research and restoration
21 projects that help ensure the population viability of
22 coral species listed pursuant to the Endangered Spe-
23 cies Act of 1973 (16 15 U.S.C. 1531 et seq.) in
24 United States waters as detailed in the population-
25 based recovery criteria included in species-specific

1 recovery plans developed under the Endangered Spe-
2 cies Act of 1973 (16 U.S.C. 1531 et seq.); or

3 “(21) supporting community-based planning
4 and management initiatives for the protection of
5 coral reef ecosystems identified by the States, sci-
6 entific experts, or the United States Coral Reef Task
7 Force as a high priority that—

8 “(A) support attainment of criteria de-
9 scribed in paragraphs (1) through (20);

10 “(B) use, where applicable, watershed-
11 based or ecosystem-based approaches;

12 “(C) provide for coordination with Federal
13 and State experts and managers;

14 “(D) build upon local approaches or mod-
15 els, including traditional resource management
16 concepts; and

17 “(E) complement local action strategies or
18 regional plans for coral reef conservation ef-
19 forts, as applicable.”; and

20 (5) in subsection (j), by striking “this Act” and
21 inserting “Coral Reef Conservation Reauthorization
22 Act of 2020”.

23 **SEC. 104. CORAL REEF PUBLIC-PRIVATE PARTNERSHIP.**

24 Section 205 of the Coral Reef Conservation Act of
25 2000 (16 U.S.C. 6404) is amended—

1 (1) in the heading, by striking “**CORAL REEF**
2 **CONSERVATION FUND**” and inserting “**CORAL**
3 **REEF PUBLIC-PRIVATE PARTNERSHIP**”;

4 (2) in subsection (a)—

5 (A) by striking “FUND” and inserting
6 “PUBLIC-PRIVATE PARTNERSHIP”;

7 (B) by striking “, hereafter referred to as
8 the Fund,”; and

9 (C) by striking “organization solely” and
10 all that follows and inserting “organization—

11 “(A) to support public-private partnerships
12 that further the purposes of this title and are
13 consistent with the national coral reef action
14 strategy under section 203;

15 “(B) to address emergency response ac-
16 tions undertaken or authorized under section
17 206; and

18 “(C) to support activities that prevent
19 damage to coral reefs, including any at-risk
20 reefs identified under section 207(d).”; and

21 (3) in subsection (b);

22 (A) by striking “Fund” and inserting
23 “separate interest bearing account”; and

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

25 “The organization is encouraged to solicit dona-

1 tions, funding, and in-kind services from the
2 private sector, including nongovernmental orga-
3 nizations, for emergency response actions under
4 section 206 and for activities to prevent damage
5 to coral reefs, including any at-risk reefs identi-
6 fied under section 207(d).”.

7 **SEC. 105. REVISIONS TO EMERGENCY ASSISTANCE.**

8 Section 206 of the Coral Reef Conservation Act of
9 2000 (16 U.S.C. 6405) is amended to read as follows:

10 **“SEC. 206. CORAL EVENT OF NATIONAL SIGNIFICANCE.**

11 “(a) RELIEF.—

12 “(1) IN GENERAL.—Upon a determination
13 under subsection (b) that there is an event of na-
14 tional significance, the appropriate Federal official is
15 authorized to provide support, including emergency
16 grants and contracts, equipment, and technical as-
17 sistance, to any State, or local government agency
18 with jurisdiction over a coral reef, or any entity con-
19 tracted to act on behalf of a State or local govern-
20 ment agency, for the purposes of—

21 “(A) assessing and mitigating the detri-
22 mental environmental, economic, subsistence
23 use, and public health effects of the event;

24 “(B) respond rapidly to assess, stabilize,
25 repair, recover, or restore a coral reef that is

1 damaged, or that has lost the ability to function
2 as an independent ecosystem;

3 “(C) remove or stabilize a vessel grounded
4 on or in the vicinity of a coral reef; and

5 “(D) otherwise provide for rapid response
6 to, assessment of, or monitoring of an event of
7 national significance pertaining to a coral reef
8 or coral reef ecosystem.

9 “(2) MATCHING REQUIREMENT.—

10 “(A) IN GENERAL.—Except as provided in
11 subparagraph (C), the Federal share of the
12 costs of an activity conducted under this section
13 shall not exceed 75 percent of the costs for such
14 activity.

15 “(B) IN-KIND CONTRIBUTIONS.—In mak-
16 ing a calculation of the non-Federal share of
17 the costs of an activity under subparagraph
18 (A), the Secretary shall include in such calcula-
19 tion the fair market value of property and serv-
20 ices used for the activity.

21 “(C) WAIVER OF REQUIREMENTS.—The
22 Secretary may waive the application of subpara-
23 graph (A) if the Secretary finds that such waiv-
24 er is necessary to support a project that the
25 Secretary has identified as high priority.

1 “(3) WRITTEN AGREEMENTS.—The Secretary
2 may enter into written agreements with any State in
3 which a coral reef is located regarding the manner
4 in which the activities authorized under this section
5 shall be conducted within the affected State’s
6 waters.

7 “(4) COOPERATIVE ENFORCEMENT AGREE-
8 MENTS.—All cooperative enforcement agreements in
9 place between the Secretary and a State affected by
10 this title shall be updated to include enforcement of
11 this title where appropriate.

12 “(5) DAMAGE AND COST ASSESSMENT.—In car-
13 rying out this section, the Secretary shall assess
14 damages to coral reefs and applicable response and
15 restoration costs in consultation with State officials
16 regarding response and damage assessment actions
17 undertaken for coral reefs within State waters. The
18 Secretary shall make such assessments, including
19 any related data and information, readily available
20 to the public on a public website upon completion of
21 such assessments.

22 “(6) DETERMINATIONS.—

23 “(A) IN GENERAL.—At the discretion of
24 the Secretary, or at the request of the Governor
25 of an affected State, an appropriate Federal of-

1 ficial shall determine whether a coral event is
2 an event of national significance.

3 “(B) CONSIDERATIONS.—In making a de-
4 termination under paragraph (1), the appro-
5 priate Federal official shall consider the severity
6 of the event or disease outbreak or bleaching,
7 its potential to spread, the economic impact,
8 and the geographic scope, including the poten-
9 tial to affect several municipalities, to affect
10 more than one State, or to cross an inter-
11 national boundary.

12 “(b) DEFINITIONS.—In this section:

13 “(1) EVENT OF NATIONAL SIGNIFICANCE.—The
14 term ‘event of national significance’ means—

15 “(A) a coral disease outbreak or coral
16 bleaching event that has had or will likely have
17 a significant detrimental environmental, eco-
18 nomic, subsistence use, or public health impact
19 on an affected State;

20 “(B) a vessel collision that severely nega-
21 tively impacts a coral reef ecosystem;

22 “(C) an unforeseen or disaster-related cir-
23 cumstance that negatively impacts a coral reef
24 ecosystem, including as a result of human ac-
25 tivities;

1 “(D) a harmful algal bloom or invasive or
2 nuisance species outbreak that negatively im-
3 pacts a coral reef ecosystem; or

4 “(E) the presence of an unexploded ord-
5 nance or similar underwater munitions that
6 harms a coral reef ecosystem.

7 “(2) CORAL DISEASE OUTBREAK OR CORAL
8 BLEACHING EVENT.—The term ‘coral disease out-
9 break or coral bleaching event’ means the occurrence
10 of a coral disease outbreak or coral bleaching as a
11 result of a natural, anthropogenic, or undetermined
12 cause.”.

13 **SEC. 106. REVISIONS TO NATIONAL PROGRAM.**

14 Section 207 of the Coral Reef Conservation Act of
15 2000 (16 U.S.C. 6406) is amended—

16 (1) in subsection (b)—

17 (A) by amending paragraph (2) to read as
18 follows:

19 “(2) enhancing public awareness, education, un-
20 derstanding, and appreciation of coral reefs and
21 coral reef ecosystems, including the benefits healthy
22 and resilient coral reefs provide to island and coastal
23 communities and to the United States;”;

24 (B) by amending paragraph (3) to read as
25 follows:

1 “(3) removing or otherwise addressing, and pro-
2 viding assistance to States in removing or otherwise
3 addressing, derelict fishing gear, marine debris, and
4 abandoned vessels from coral reef ecosystems to con-
5 serve living marine resources;”;

6 (C) by amending paragraph (4) to read as
7 follows:

8 “(4) cooperative conservation, research, restora-
9 tion, and management of coral reefs and coral reef
10 ecosystems with local, regional, or international pro-
11 grams and partners, including research institutions
12 located in a State;”;

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

14 “(5) improving and promoting the resilience of
15 corals, coral reefs, and coral reef ecosystems;

16 “(6) activities designed to prevent or minimize
17 the likelihood of vessel impacts or other physical
18 damage to coral reefs, including any at-risk reefs
19 identified under section 207(d); and

20 “(7) centrally archiving, managing, and distrib-
21 uting data sets and coral reef ecosystem assessments
22 and making such information readily available on
23 public websites, including, at the discretion of the
24 Administrator, on the public websites of local, re-

1 regional, or international programs and partners.”;

2 and

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

4 “(c) VESSEL GROUNDING INVENTORY.—The Sec-
5 retary, in coordination with other Federal agencies, shall
6 establish and maintain an inventory of all vessel grounding
7 incidents involving coral reefs, including a description of—

8 “(1) the impacts to such coral reefs and related
9 natural resources;

10 “(2) vessel and ownership information;

11 “(3) an estimate of the costs for—

12 “(A) removal of the vessel; or

13 “(B) restoration of the impacted reef;

14 “(4) to the extent practicable, the actual costs,
15 including costs estimated under section 206(e), that
16 were incurred by each party that participated in
17 any—

18 “(A) removal of the vessel; or

19 “(B) restoration of the impacted reef;

20 “(5) the response action taken by the vessel
21 owner, the Secretary, the Commandant of the Coast
22 Guard, or other Federal or State agencies;

23 “(6) the status of the response action, including
24 the dates of vessel removal and coral reef restora-

1 tion, and any actions taken to prevent future
2 grounding incidents; and

3 “(7) any other pertinent information the Sec-
4 retary determines appropriate.

5 “(d) AT-RISK REEFS.—

6 “(1) INVENTORY.—The Secretary shall estab-
7 lish and maintain a nationwide inventory of at-risk
8 reefs, including proposed remediation to address
9 threats or damage to at-risk reefs identified under
10 this subsection.

11 “(2) IDENTIFICATION.—The Secretary shall use
12 data and information collected or compiled under
13 this title or any other available information source to
14 identify at-risk reefs to be included in the inventory
15 under paragraph (1).

16 “(3) REMEDIATION.—The Secretary shall iden-
17 tify appropriate measures, including measures taken
18 by other agencies, to remediate at-risk reefs, includ-
19 ing—

20 “(A) recommendations to prevent, reduce
21 the likelihood, or otherwise address negative im-
22 pacts and incidents;

23 “(B) cooperative actions with other Fed-
24 eral, State, and local agencies and nongovern-
25 mental partners; and

1 “(C) a strategy and timetable to imple-
2 ment such measures and recommendations.

3 “(4) MEASURES TAKEN.—To the extent prac-
4 ticable, the Secretary shall track any measures taken
5 to remediate at-risk reefs identified under paragraph
6 (2), including any measures identified and taken
7 under paragraph (3).

8 “(5) PUBLICATION.—The Secretary shall make
9 any inventory established and maintained under this
10 subsection, a description of the remediation meas-
11 ures identified under paragraph (3), and a descrip-
12 tion of any actions tracked under paragraph (4),
13 readily available to the public on a government
14 website.

15 “(e) DATA STEWARDSHIP AND ACCESSIBILITY.—

16 “(1) IN GENERAL.—The Secretary, in coordina-
17 tion with similar efforts at other Departments and
18 agencies, shall provide for the long-term stewardship
19 and public accessibility of all environmental data and
20 information collected under this title.

21 “(2) ACTIVITIES.—The Secretary shall—

22 “(A) archive environmental data, research,
23 and similar information collected under this
24 title with the use of Federal funds;

1 “(B) to the greatest extent practicable,
2 make such environmental data and information
3 readily available to the public on a government
4 website;

5 “(C) develop standards, protocols, and pro-
6 cedures for sharing Federal data with non-Fed-
7 eral partner agencies and the private sector or
8 academia; and

9 “(D) develop metadata standards for coral
10 reef ecosystems in accordance with Federal Ge-
11 ographic Data Committee guidelines.”.

12 **SEC. 107. REVISIONS TO EFFECTIVENESS REPORTS.**

13 Section 208 of the of the Coral Reef Conservation
14 Act of 2000 (16 U.S.C. 6407) is amended to read as fol-
15 lows:

16 **“SEC. 208. EFFECTIVENESS REPORTS.**

17 “Not less than once every 5 years, the Secretary, in
18 cooperation with the United States Coral Reef Task
19 Force, shall submit to the Committee on Commerce,
20 Science, and Transportation of the Senate and the Com-
21 mittee on Natural Resources of the House of Representa-
22 tives a report, with respect to the 5 fiscal years preceding
23 the year in which the report is submitted, that—

1 “(1) describes the funds obligated by each Fed-
2 eral agency to implement the national coral reef ac-
3 tion strategy;

4 “(2) summarizes all actions taken by Federal
5 and non-Federal entities under the national coral
6 reef action strategy;

7 “(3) provides a State-by-State summary of Fed-
8 eral and non-Federal contributions toward the costs
9 of each project for which a grant was awarded under
10 the coral reef conservation grant program under sec-
11 tion 204;

12 “(4) provides an accounting of Federal funds
13 transferred to a nonprofit organization and non-Fed-
14 eral matching funds provided by such nonprofit or-
15 ganization under the coral reef public-private part-
16 nership under section 205;

17 “(5) summarizes emergency response actions
18 undertaken or authorized under section 206;

19 “(6) summarizes the information contained in
20 any vessel grounding inventory under section 207(c)
21 and any additional authorization or funding needed
22 for response and removal of vessels listed in such in-
23 ventory;

24 “(7) provides a summary of any at-risk reefs
25 identified under section 207(d) and any remediation

1 actions recommended, underway, or taken under
2 such section;

3 “(8) assesses the conditions of coral reefs in the
4 United States, accomplishments under this title, and
5 the effectiveness of management actions to address
6 threats to coral reefs and coral reef ecosystems; and

7 “(9) any other pertinent information the Sec-
8 retary determines appropriate.”.

9 **SEC. 108. REVISIONS TO AUTHORIZATION OF APPROPRIA-**
10 **TIONS.**

11 Section 209 of the of the Coral Reef Conservation
12 Act of 2000 (16 U.S.C. 6408) is amended—

13 (1) by amending subsection (a) to read as fol-
14 lows:

15 “(a) IN GENERAL.—There are authorized to be ap-
16 propriated to the Secretary of Commerce to carry out this
17 title the following amounts, which shall remain available
18 until expended:

19 “(1) \$38,000,000 for fiscal year 2021.

20 “(2) \$40,000,000 for fiscal year 2022.

21 “(3) \$42,000,000 for fiscal year 2023.

22 “(4) \$44,000,000 for fiscal year 2024.

23 “(5) \$45,000,000 for fiscal year 2025.”;

24 (2) in subsection (b), by striking “\$1,000,000”
25 and inserting “\$2,000,000”;

1 (3) by amending subsection (c) to read as fol-
2 lows:

3 “(c) CORAL REEF CONSERVATION GRANT PRO-
4 GRAM.—From the amounts appropriated under subsection
5 (a) for a fiscal year, there shall be made available to the
6 Secretary of Commerce not less than \$14,000,000 for the
7 coral reef conservation grant program under section
8 204.”; and

9 (4) by amending subsection (d) to read as fol-
10 lows:

11 “(d) NATIONAL PROGRAM.—From the amounts ap-
12 propriated under subsection (a) for a fiscal year, there
13 shall be made available to the Secretary of Commerce not
14 less than \$16,000,000 for activities conducted under sec-
15 tion 207.”.

16 **SEC. 109. REVISIONS TO DEFINITIONS.**

17 Section 210 of the of the Coral Reef Conservation
18 Act of 2000 (16 U.S.C. 6409) is amended to read as fol-
19 lows:

20 **“SEC. 210 DEFINITIONS.**

21 “In this Act:

22 “(1) ADMINISTRATOR.—The term ‘Adminis-
23 trator’ means the Administrator of the National
24 Oceanic and Atmospheric Administration, unless
25 otherwise specified.

1 “(2) AT-RISK REEF.—The term ‘at-risk reef’
2 means a coral reef that has a high exposure to vessel
3 impacts, marine debris, harmful algal blooms, over-
4 fishing, land-based or marine-based pollution, coast-
5 al development, and changes in ocean temperature
6 and chemistry.

7 “(3) BONA FIDE RESEARCH.—The term ‘bona
8 fide research’ means scientific research on corals or
9 coral reefs, the results of which are likely—

10 “(A) to be eligible for publication in a
11 peer-reviewed scientific journal;

12 “(B) to contribute to the basic knowledge
13 of coral biology or coral reef ecology;

14 “(C) to improve management of coral reefs
15 and coral reef ecosystems; or

16 “(D) to identify, evaluate, or resolve con-
17 servation issues or decisions.

18 “(4) CONSERVATION.—The term ‘conservation’
19 means the use of any methods and procedures nec-
20 essary to preserve, restore, or sustain corals, coral
21 reefs, and associated marine species as resilient, di-
22 verse, viable, and self-perpetuating coral reef eco-
23 systems, including—

24 “(A) all activities associated with resource
25 management, such as assessment, research,

1 protection, restoration, sustainable use, and
2 management of habitat;

3 “(B) mapping, observation, or monitoring
4 of coral reef ecosystems;

5 “(C) scientific expertise and technical as-
6 sistance in the development and implementation
7 of management strategies for marine protected
8 areas and marine resources consistent with the
9 National Marine Sanctuaries Act (16 U.S.C.
10 1431 et seq.) and the Magnuson-Stevens Fish-
11 ery Conservation and Management Act (16
12 U.S.C. 1801 et seq.), and with respect for the
13 scientific, technical, and management expertise
14 and responsibilities of State fish and wildlife
15 management agencies;

16 “(D) law enforcement;

17 “(E) conflict resolution initiatives;

18 “(F) community outreach and education;

19 and

20 “(G) activities that promote safe and eco-
21 logically sound navigation.

22 “(5) CORAL.—The term ‘coral’ means species
23 of the phylum Cnidaria, including—

24 “(A) all species of the orders Antipatharia
25 (black corals), Scleractinia (stony corals),

1 Gorgonacea (horny corals), Stolonifera
2 (organpipe corals and others), Alcyonacea (soft
3 corals), and Coenothecalia (blue coral), of the
4 class Anthozoa; and

5 “(B) all species of the families Milleporidae
6 (fire corals) and Stylasteridae (stylasterid
7 hydrocorals), of the class Hydrozoa.

8 “(6) CORAL REEF.—The term ‘coral reef’
9 means limestone structures in the form of a reef or
10 shoal, comprised in whole or in part by living coral,
11 skeletal remains of coral, and other associated sessile
12 invertebrates and marine plants.

13 “(7) CORAL REEF COMPONENT.—The term
14 ‘coral reef component’ means any part of a coral
15 reef, including individual living coral, skeletal re-
16 mains of coral, and other associated sessile inverte-
17 brates or marine plants.

18 “(8) CORAL REEF ECOSYSTEM.—The term
19 ‘coral reef ecosystem’ means the system of coral and
20 other geographically and ecologically associated ma-
21 rine species, habitats, and environment and the
22 processes that control its dynamics.

23 “(9) CORAL PRODUCTS.—The term ‘coral prod-
24 ucts’ means any living or dead specimens, parts, or
25 derivatives, or any product containing specimens,

1 parts, or derivatives, of any species referred to in
2 paragraph (5).

3 “(10) DAMAGES.—The term ‘damages’ in-
4 cludes—

5 “(A) compensation for—

6 “(i)(I) the cost of replacement, res-
7 toration, remediation, or acquisition of the
8 equivalent of a coral or coral reef resource;
9 and

10 “(II) the value of the lost use or
11 services of a coral or coral reef re-
12 source pending the replacement, res-
13 toration, remediation, or acquisition of
14 the equivalent coral or coral reef re-
15 source; or

16 “(ii) the value of a coral or coral reef
17 resource if the coral or coral reef resource
18 cannot be replaced, restored, or remediated
19 or if the equivalent of such resource cannot
20 be acquired; and

21 “(B) the reasonable cost of monitoring ap-
22 propriate to the injured, replaced, restored, or
23 remediated coral or coral reef resource.

1 “(11) NATIONAL CORAL REEF ACTION STRAT-
2 EGY.—The term ‘national coral reef action strategy’
3 means the strategy developed under section 203.

4 “(12) RESILIENCE.—The term ‘resilience’
5 means the capacity for corals, coral reefs, or coral
6 reef ecosystems to resist and recover from natural
7 and human disturbance and maintain structure and
8 function to allow the continued provision of eco-
9 system goods and services, as determined by clearly
10 identifiable, measurable, and science-based stand-
11 ards.

12 “(13) RESPONSE COSTS.—The term ‘response
13 costs’ means the costs of actions that would be nec-
14 essary to—

15 “(A) minimize destruction, loss, or taking
16 of, or injury to a coral reef or component there-
17 of;

18 “(B) prevent or minimize the imminent
19 risks of such destruction, loss, or taking of, or
20 injury to;

21 “(C) assess the reasonable costs of damage
22 as determined under section 206(e); and

23 “(D) respond to or otherwise address an
24 emergency pertaining a coral reef or coral reef
25 ecosystem.

1 “(14) RESTORATION.—The term ‘restoration’
2 means the use of methods and procedures necessary
3 to enhance, rescue, hold in aquarium systems, reha-
4 bilitate, recreate, or create a functioning coral reef
5 or coral reef ecosystem, in whole or in part, within
6 suitable waters of the historical range of such eco-
7 systems, to benefit native populations of coral reef
8 organisms.

9 “(17) UNITED STATES CORAL REEF TASK
10 FORCE.—The term ‘United States Coral Reef Task
11 Force’ means the task force established under sec-
12 tion 209.”.

13 **SEC. 110. ESTABLISHMENT OF UNITED STATES CORAL**
14 **REEF TASK FORCE.**

15 (a) IN GENERAL.—The Coral Reef Conservation Act
16 of 2000 (16 U.S.C. 6401 et seq.) is amended—

17 (1) by redesignating sections 209 and 210, as
18 amended by this Act, as sections 215 and 216, re-
19 spectively; and

20 (2) by inserting after section 208 the following:

21 **“SEC. 209. UNITED STATES CORAL REEF TASK FORCE.**

22 “(a) ESTABLISHMENT.—There is hereby established
23 the United States Coral Reef Task Force.

24 “(b) DUTIES.—The duties of the United States Coral
25 Reef Task Force shall be to coordinate and strengthen

1 Federal, State, international, and local actions to conserve
2 and restore coral reef ecosystems by—

3 “(1) supporting, in cooperation with non-Fed-
4 eral partners as appropriate, activities regarding the
5 mapping, monitoring, research, conservation, mitiga-
6 tion, and restoration of coral reefs and coral reef
7 ecosystems;

8 “(2) implementing the policy and Federal agen-
9 cy responsibilities set forth in Executive Order
10 13089 (63 Fed. Reg. 32701; relating to coral reef
11 protection) (as in effect on June 11, 1998), the na-
12 tional coral reef action strategy, and activities au-
13 thORIZED by this title;

14 “(3) analyzing the United States role in inter-
15 national trade and protection of coral species;

16 “(4) enhancing public awareness, education, un-
17 derstanding, and appreciation of coral reefs and
18 coral reef ecosystems, including the benefits healthy
19 and resilient coral reefs provide to island and coastal
20 communities and the United States;

21 “(5) supporting coral reef ecosystem research,
22 including on the ecological and economic benefits of
23 coral reefs, both extramurally and across govern-
24 ment agencies; and

1 “(6) encouraging implementation of strategies
2 and actions for the conservation and sustainable use
3 of coral reef resources worldwide.

4 “(c) LEADERSHIP.—The Secretary of Commerce,
5 represented ex officio by the Administrator of the National
6 Oceanic and Atmospheric Administration, and the Sec-
7 retary of the Interior shall lead the United States Coral
8 Reef Task Force as co-chairs.

9 “(d) VOTING MEMBERSHIP.—The voting members of
10 the United States Coral Reef Task Force shall be com-
11 prised of—

12 “(1) the co-chairs designated under subsection
13 (c);

14 “(2) the Federal agency members specified by
15 Executive Order 13089 (63 Fed. Reg. 32701; relat-
16 ing to coral reef protection) (as in effect on June 11,
17 1998);

18 “(3) the Secretary of the Army, represented ex
19 officio by the Assistant Secretary of the Army for
20 Civil Works of the Corps of Engineers;

21 “(4) the Secretary of Homeland Security rep-
22 resented by the United States Coast Guard and the
23 Federal Emergency Management Agency; and

1 “(5) the Governor, if such Governor elects to
2 participate in the United States Coral Reef Task
3 Force, of—

4 “(A) the State of Florida;

5 “(B) the State of Hawaii;

6 “(C) American Samoa;

7 “(D) Guam;

8 “(E) the Commonwealth of the Northern
9 Mariana Islands;

10 “(F) Puerto Rico; and

11 “(G) the Virgin Islands of the United
12 States.

13 “(e) NON-VOTING MEMBERSHIP.—The nonvoting
14 members of the United States Coral Reef Task Force shall
15 be comprised of the President or a representative of the
16 President, if such President elects to participate, of each
17 of the Freely Associated States of—

18 “(1) the Federated States of Micronesia;

19 “(2) the Republic of the Marshall Islands; and

20 “(3) the Republic of Palau.

21 “(f) RESPONSIBILITIES OF FEDERAL AGENCY MEM-
22 BERS.—The Federal members of the United States Coral
23 Reef Task Force shall—

24 “(1) identify actions by their agencies that may
25 affect coral reef ecosystems;

1 “(2) use the authorities and programs of their
2 agencies to carry out the duties of the United States
3 Coral Reef Task Force as defined by subsection (b);
4 and

5 “(3) implement the national coral reef action
6 strategy and any other coordinated efforts approved
7 by the United States Coral Reef Task Force.

8 “(g) WORKING GROUPS.—The co-chairs of the
9 United States Coral Reef Task Force may establish work-
10 ing groups as necessary to advance the purposes of this
11 title, including—

12 “(1) at the request of members of the United
13 States Coral Reef Task Force; and

14 “(2) working groups for which vested stake-
15 holders, including nongovernmental organizations
16 and research institutions, such as marine labora-
17 tories and coral reef institutes, are participants.

18 “(h) NONAPPLICATION OF FACCA.—The Federal Ad-
19 visory Committee Act (5 U.S.C. App.) shall not apply to
20 the United States Coral Reef Task Force or working
21 groups established by the United States Coral Reef Task
22 Force.”.

23 (b) CONFORMING AMENDMENT.—The Coral Reef
24 Conservation Act of 2000 (16 U.S.C. 6401 et seq.) is
25 amended by inserting “United States” before “Coral Reef

1 Task Force” each place it appears where “United States”
2 does not precede “Coral Reef Task Force”.

3 **SEC. 111. AGREEMENTS.**

4 (a) IN GENERAL.—The Coral Reef Conservation Act
5 of 2000 (16 U.S.C. 6401 et seq.) is further amended by
6 inserting after section 209, as added by this Act, the fol-
7 lowing:

8 **“SEC. 210. AGREEMENTS.**

9 “(a) IN GENERAL.—The Secretary may execute and
10 perform such contracts, leases, grants, cooperative agree-
11 ments, or other transactions as may be necessary to carry
12 out the purposes of this title.

13 “(b) FUNDING.—Under an agreement entered into
14 under subsection (a), the Secretary may fulfill the terms
15 of the agreement by reimbursing or providing appro-
16 priated funds to, and may receive funds or reimburse-
17 ments from—

18 “(1) Federal agencies, instrumentalities and
19 laboratories;

20 “(2) State and local governments;

21 “(3) Federally recognized Indian Tribes and In-
22 dian Tribal organizations;

23 “(4) international organizations;

24 “(5) foreign governments;

1 “(6) research institutions, including marine lab-
2 oratories and coral reef institutes;

3 “(7) nongovernmental organizations;

4 “(8) nonprofit organizations;

5 “(9) commercial organizations; and

6 “(10) other public and private persons or enti-
7 ties, as necessary for purposes identified in section
8 202 and actions taken under section 206.

9 “(c) COOPERATIVE INSTITUTE.—

10 “(1) ESTABLISHMENT.—Subject to paragraph
11 (2), the Secretary shall establish a cooperative insti-
12 tute or cooperative institutes for the purpose of ad-
13 vancing and sustaining essential capability in coral
14 reef research.

15 “(2) MEMBERSHIP.—To be eligible to designed
16 as a cooperative institute under paragraph (1), an
17 institution shall include a coral research center, des-
18 ignated by the administrator, that—

19 “(A) is operated by an institution of higher
20 education (as such term is defined in section
21 101(a) of the Higher Education Act of 1965
22 (20 U.S.C. 1001(a)).;

23 “(B) has established management-driven
24 national or regional coral reef research or res-
25 toration programs;

1 “(C) is located in a State;

2 “(D) has demonstrated the ability to co-
3 ordinate closely with appropriate Federal and
4 State agencies, as well as other academic and
5 non-profit organizations; and

6 “(E) maintains significant local community
7 engagement and outreach programs related to
8 coral reef ecosystems.

9 “(3) FUNCTIONS.—The cooperative institute or
10 institutes established under this section shall—

11 “(A) conduct bona fide research, observa-
12 tion, and monitoring of coral reef ecosystems
13 aimed at building capacity for more effective re-
14 source management and coral reef restoration;
15 and

16 “(B) through agreements with centers re-
17 ferred to in paragraph (1)—

18 “(i) collaborate directly with govern-
19 mental resource management agencies,
20 nonprofit organizations, academic research
21 institutions, and other research organiza-
22 tions;

23 “(ii) build capacity within resource
24 management agencies to establish research
25 priorities, plan interdisciplinary research

1 projects, and make effective use of re-
2 search results; and

3 “(iii) conduct public education and
4 awareness programs for policymakers, re-
5 source managers, and the general public on
6 coral reef ecosystems, best practices for
7 coral reef and ecosystem management, con-
8 servation, and restoration, their value, and
9 threats to their sustainability.

10 “(d) MULTIYEAR COOPERATIVE AGREEMENTS.—The
11 Secretary may enter into, extend, or renegotiate multiyear
12 cooperative agreements with the heads of other Federal,
13 State, and local government agencies and other vested
14 stakeholders, including nongovernmental organizations
15 and research institutions, such as marine laboratories and
16 coral reef institutes, to further the purposes of this title
17 consistent with the national coral reef action strategy de-
18 veloped under section 203.

19 “(e) OTHER USE OF AGENCIES’ RESOURCES.—For
20 purposes related to the conservation, preservation, protec-
21 tion, restoration, or replacement of coral reefs or coral reef
22 ecosystems and the enforcement of this title, the Secretary
23 is authorized to use, with their consent and with or with-
24 out reimbursement, the land, services, equipment, per-
25 sonnel, and facilities of any Department, agency, or in-

1 strumentality of the United States, or of any State, local
2 government, or Indian tribal government, or of any polit-
3 ical subdivision thereof, or of any foreign government or
4 international organization.”.

5 **SEC. 112. PERMITS.**

6 The Coral Reef Conservation Act of 2000 (16 U.S.C.
7 6401 et seq.) is further amended by inserting after section
8 210, as added by this Act, the following:

9 **“SEC. 211. PERMITS.**

10 “(a) IN GENERAL.—The Secretary may, in accord-
11 ance with this section and regulations promulgated under
12 this title, issue a permit authorizing the conduct of bona
13 fide research or other activities compatible with one or
14 more of the purposes in section 202 of this title.

15 “(b) TERMS AND CONDITIONS.—The Secretary may
16 place any terms and conditions on a permit issued under
17 this section that the Secretary deems reasonable.

18 “(c) FEES.—

19 “(1) ASSESSMENT AND COLLECTION.—Subject
20 to regulations promulgated under this title, the Sec-
21 retary may assess and collect fees as specified in this
22 subsection.

23 “(2) AMOUNT.—Any fee assessed shall be equal
24 to the sum of—

1 “(A) all costs incurred, or expected to be
2 incurred, by the Secretary in processing the
3 permit application, including indirect costs; and

4 “(B) if the permit is approved, all costs in-
5 curred, or expected to be incurred, by the Sec-
6 retary as a direct result of the conduct of the
7 activity for which the permit is issued.

8 “(3) USE OF FEES.—Amounts collected by the
9 Secretary in the form of fees under this section may
10 be used by the Secretary for issuing and admin-
11 istering permits under this section.

12 “(4) WAIVER OR REDUCTION OF FEES.—For
13 any fee assessed under paragraph (2) of this sub-
14 section, the Secretary may—

15 “(A) accept in-kind contributions in lieu of
16 a fee; or

17 “(B) waive or reduce the fee.

18 “(d) FISHING.—Nothing in this section shall be con-
19 sidered to require a person to obtain a permit under this
20 section for the conduct of any fishing activities not prohib-
21 ited by this title or regulations promulgated thereunder.”.

22 **SEC. 113. REGULATIONS.**

23 The Coral Reef Conservation Act of 2000 (16 U.S.C.
24 6401 et seq.) is further amended by inserting after section
25 211, as added by this Act, the following:

1 **“SEC. 212. REGULATIONS.**

2 “The Secretary may issue such regulations as are
3 necessary and appropriate to carry out the purposes of
4 this title. This title and any regulations promulgated
5 thereunder shall be applied in accordance with inter-
6 national law. No restrictions shall apply to or be enforced
7 against a person who is not a citizen, national, or resident
8 alien of the United States (including foreign-flag vessels)
9 unless in accordance with international law.”.

10 **SEC. 114. USE OF RECOVERED AMOUNTS.**

11 The Coral Reef Conservation Act of 2000 (16 U.S.C.
12 6401 et seq.) is further amended by inserting after section
13 212, as added by this Act, the following:

14 **“SEC. 213. USE OF RECOVERED AMOUNTS.**

15 “Any amounts available to the Secretary of Com-
16 merce that are attributable to fines, penalties, or forfeit-
17 ures of property (including proceeds from the sale of such
18 forfeited property) imposed for violations of any marine
19 resource law enforced by such Secretary, or regulations
20 implementing such law, for damages to corals, coral reefs,
21 or coral reef ecosystems shall be used by such Secretary—

22 “(1) for the benefit of the coral reef ecosystem
23 impacted by the applicable violation, to the extent
24 practicable;

25 “(2) to carry out emergency response activities
26 authorized under section 206, including to reimburse

1 any Federal, State or local government agency for
2 response costs incurred; or

3 “(3) to carry out the purposes of this title, in-
4 cluding grants of financial assistance for coral reef
5 conservation projects.”.

6 **SEC. 115. PRIZE COMPETITIONS TO PROMOTE INNOVATION**
7 **IN CORAL REEF RESEARCH AND CONSERVA-**
8 **TION.**

9 The Coral Reef Conservation Act of 2000 (16 U.S.C.
10 6401 et seq.) is further amended by inserting after section
11 213, as added by this Act, the following:

12 **“SEC. 214. CORAL REEF PRIZE COMPETITIONS.**

13 “(a) IN GENERAL.—The head of any Federal agency
14 with a representative serving on the U.S. Coral Reef Task
15 Force established under Executive Order 13089 issued on
16 June 11, 1998 (16 U.S.C. 6401 note), may, either individ-
17 ually or in cooperation with one or more agencies, carry
18 out a program to award prizes competitively under section
19 24 of the Stevenson-Wydler Technology Innovation Act of
20 1980 (15 U.S.C. 3719).

21 “(b) PURPOSES.—Any program carried out under
22 this section shall be for the purpose of stimulating innova-
23 tion to advance the ability of the United States to under-
24 stand, research, or monitor coral reef ecosystems, or to

1 develop management or adaptation options to preserve,
2 sustain, and restore coral reef ecosystems.

3 “(c) PRIORITY PROGRAMS.—Priority shall be given to
4 establish programs under this section that address com-
5 munities, environments, or industries that are in distress
6 due to the decline or degradation of coral reef ecosystems,
7 including—

8 “(1) scientific research and monitoring that
9 furthers the understanding of causes behind coral
10 reef decline and degradation and the generally slow
11 recovery following disturbances, including ocean
12 acidification and its impacts on coral reproduction;

13 “(2) the development of monitoring or manage-
14 ment options for communities or industries that are
15 experiencing significant financial hardship;

16 “(3) the development of adaptation options to
17 alleviate economic harm and job loss caused by dam-
18 age to coral reef ecosystems;

19 “(4) the development of measures to help vul-
20 nerable communities or industries, with an emphasis
21 on rural communities and businesses; and

22 “(5) the development of adaptation and man-
23 agement options for impacted tourism industries.”.

1 **SEC. 116. CONFORMING AND CLERICAL AMENDMENTS.**

2 (a) CONFORMING AMENDMENTS.—The Coral Reef
3 Conservation Act of 2000 (16 U.S.C. 6401 et seq.) is
4 amended by striking “Administrator” each place it ap-
5 pears and inserting “Secretary” in the following sub-
6 sections.

7 (b) CLERICAL AMENDMENT.—Section 201 of the
8 Coral Reef Conservation Act of 2000 (16 U.S.C. 6401 et
9 seq.) is amended to read as follows:

10 **“SEC. 201. SHORT TITLE; TABLE OF CONTENTS.**

11 “(a) SHORT TITLE.—This title may be cited as the
12 ‘Coral Reef Conservation Act of 2000’.

13 “(b) TABLE OF CONTENTS.—The table of contents
14 for this title is as follows:

- “Sec. 201. Short title.
- “Sec. 202. Purposes.
- “Sec. 203. national coral reef action strategy.
- “Sec. 204. National Coral Reef Conservation Grant Program.
- “Sec. 205. Coral Reef Conservation Grant Program.
- “Sec. 206. Coral Reef Public-Private Partnership.
- “Sec. 207. National Program.
- “Sec. 208. Effectiveness reports.
- “Sec. 209. United States Coral Reef Task Force.
- “Sec. 210. Agreements.
- “Sec. 211. Permits.
- “Sec. 212. Regulations.
- “Sec. 213. Use of recovered amounts.
- “Sec. 214. Coral Reef Prize Competitions
- “Sec. 215. Authorization of appropriations.
- “Sec. 216. Definitions.”.

1 **TITLE II—DEPARTMENT OF THE**
2 **INTERIOR CORAL REEF AU-**
3 **THORITIES**

4 **SEC. 201. CORAL REEF CONSERVATION AND ASSISTANCE.**

5 (a) IN GENERAL.—The Secretary of the Interior may
6 conduct activities to conserve coral reefs and coral reef
7 ecosystems within—

8 (1) any unit of the National Park System;

9 (2) any unit of the National Wildlife Refuge
10 System;

11 (3) any National Monument or Marine National
12 Monument designated by an Act of Congress or
13 under section 320301 of title 54, United States
14 Code under the administrative jurisdiction of the
15 Secretary; or

16 (4) any other Federal land unit or any terri-
17 torial waters under the administration of the Sec-
18 retary.

19 (b) ASSISTANCE.—The Secretary may provide tech-
20 nical assistance, scientific expertise, and financial assist-
21 ance grants for the conservation of coral reefs in proximity
22 to the Federal land and waters described in paragraph (a)
23 to—

1 (1) entities eligible to receive a grant under sec-
2 tion 204 of the Coral Reef Conservation Act of 2000
3 (16 U.S.C. 6403);

4 (2) territories of the United States; and

5 (3) Federally recognized Indian Tribes.

6 (c) REQUIREMENT.—The Secretary shall ensure that
7 any action taken by the Secretary under this title is con-
8 sistent with the Coral Reef Conservation Act of 2000 (16
9 U.S.C. 6401), as amended by this Act, including the na-
10 tional coral reef action strategy developed under section
11 203 of such Act (16 U.S.C. 6402).

12 (d) OFFICE OF INSULAR AFFAIRS CORAL REEF INI-
13 TIATIVE.—The Secretary shall establish within the Office
14 of Insular Affairs a Coral Reef Initiative Program to—

15 (1) provide grant funding to support local man-
16 agement, conservation, and protection of coral reef
17 ecosystems in—

18 (A) insular areas; and

19 (B) freely associated states;

20 (2) complement the other conservation and as-
21 sistance activities conducted under this title; and

22 (3) provide other technical, scientific, and fi-
23 nancial assistance and conduct conservation activi-
24 ties that advance the purposes of this title.

1 **SEC. 202. UNITED STATES GEOLOGICAL SURVEY CORAL**
2 **REEF ECOSYSTEM STUDIES PROGRAM.**

3 The Secretary shall establish within the United
4 States Geological Survey a program to be known at the
5 Coral Reef Ecosystem Studies Program to—

6 (1) research, monitor, and map coral reef eco-
7 systems to understand coral reef processes and as-
8 sess coral reef health, including the effects of
9 changes in ocean temperature and chemistry, ocean
10 acidification, land-based sources of pollution includ-
11 ing coastal runoff, sediment erosion and turbidity,
12 and harmful algal blooms;

13 (2) develop science and tools to assess and help
14 address the consequences of changing coral reef
15 structure on tourism, recreation, community vulner-
16 ability and resilience to storms, erosion, and inunda-
17 tion, and to inform the management of coral reefs
18 and coral reef ecosystems;

19 (3) complement the other conservation and as-
20 sistance activities conducted under this title;

21 (4) provide technical assistance, subject to the
22 availability of appropriations, for research on coral
23 reefs and coral reef ecosystems to—

24 (A) entities eligible to receive a grant
25 under section 204 of the Coral Reef Conserva-
26 tion Act of 2000 (16 U.S.C. 6403); and

1 (B) territories of the United States;

2 (5) coordinate United States Geological Survey
3 activities relating to coral reefs, including the Na-
4 tional Wildlife Health Center; and

5 (6) carry out other scientific and conservation
6 activities that advance the purposes of this title, as
7 considered appropriate by the Secretary.

8 **SEC. 203. USE OF RECOVERED AMOUNTS.**

9 All amounts available to the Secretary of the Interior
10 that are attributable to fines, penalties, and forfeitures of
11 property (or proceeds from the sale of such forfeited prop-
12 erty) imposed for violations of any law for which the Sec-
13 retary of the Interior is an enforcement agency, including
14 the Endangered Species Act of 1973 (16 U.S.C. 1531 et
15 seq.) and the Lacey Act Amendments of 1981 (16 U.S.C.
16 3371 et seq.), and regulations implementing such law, for
17 damages to corals, coral reefs, or coral reef ecosystems,
18 shall be used by the Secretary of the Interior—

19 (1) for the benefit of the coral reef ecosystem
20 impacted by the applicable violation, to the extent
21 practicable;

22 (2) to carry out emergency response activities
23 authorized under section 206 of the Coral Reef Con-
24 servation Act of 2000 (16 U.S.C. 6405), including

1 to reimburse any Federal, State or local government
2 agency for response costs incurred; or

3 (3) to carry out the purposes of this title, in-
4 cluding grants of financial assistance for coral reef
5 conservation projects.

6 **SEC. 204. AUTHORIZATION OF APPROPRIATIONS.**

7 (a) IN GENERAL.—There is authorized to be appro-
8 priated to the Secretary of the Interior to carry out this
9 title \$12,000,000 for each of fiscal years 2021 through
10 2025, which may remain available until expended.

11 (b) OFFICE OF INSULAR AFFAIRS CORAL REEF INI-
12 TIATIVE PROGRAM.—From the amounts appropriated
13 under subsection (a) for a fiscal year, there shall be made
14 available to the Secretary of the Interior, acting through
15 the Assistant Secretary of the Interior for Insular Areas,
16 not less than \$3,000,000 for the grant program under sec-
17 tion 201(d).

18 (c) UNITED STATES GEOLOGICAL SURVEY CORAL
19 REEF ECOSYSTEM STUDIES PROGRAM.—From the
20 amounts appropriated under subsection (a) for a fiscal
21 year, there shall be made available to the Secretary of the
22 Interior, acting through the Director of the United States
23 Geological Survey, not less than \$4,000,000 for the Coral
24 Reef Ecosystem Studies Program under section 203.

1 **SEC. 205. DEFINITIONS.**

2 In this title:

3 (1) CONSERVATION.—The term “conservation”
4 has the meaning given such term in section 215 of
5 the Coral Reef Conservation Act of 2000, as redesign-
6 nated by this Act.

7 (2) CORAL REEF.—The term “coral reef” has
8 the meaning given such term in section 215 of the
9 Coral Reef Conservation Act of 2000, as redesign-
10 nated by this Act.

11 (3) CORAL REEF ECOSYSTEM.—The term
12 “coral reef ecosystem” has the meaning given such
13 term in section 215 of the Coral Reef Conservation
14 Act of 2000 (16 U.S.C. 6409), as redesignated by
15 this Act.

16 (4) FREELY ASSOCIATED STATE.—The term
17 “Freely Associated State” means each of the Repub-
18 lic of the Marshall Islands, the Federated States of
19 Micronesia, and the Republic of Palau in an applica-
20 ble Compact of Free Association with the United
21 States.

22 (5) INSULAR AREA.—The term “Insular Area”
23 means each of American Samoa, Guam, the Com-
24 monwealth of the Northern Mariana Islands, and
25 the Virgin Islands of the United States.

1 (6) RESILIENCE.—The term “resilience” has
2 the same meaning given such term in section 215 of
3 the Coral Reef Conservation Act of 2000, as redesign-
4 nated by this Act.

5 **TITLE III—NATIONAL CORAL**
6 **REEF MANAGEMENT FELLOWSHIP**
7 **SHIP**

8 **SEC. 301. SHORT TITLE.**

9 This title may be cited as the “National Coral Reef
10 Management Fellowship Act of 2019”.

11 **SEC. 302. DEFINITIONS.**

12 In this title:

13 (1) SECRETARY.—The term “Secretary” means
14 the Secretary of Commerce.

15 (2) FELLOW.—The term “fellow” means a Na-
16 tional Coral Reef Management Fellow.

17 (3) FELLOWSHIP.—the term “fellowship”
18 means the National Coral Reef Management Fellow-
19 ship established in section 303.

20 **SEC. 303. FELLOWSHIP PROGRAM.**

21 (1) IN GENERAL.—There is established the Na-
22 tional Coral Reef Management Fellowship Program.

23 (2) PURPOSES.—The purposes of the Fellow-
24 ship Program is to encourage future leaders of the
25 United States—

1 (A) to develop additional coral reef man-
2 agement capacity in States and Territories with
3 coral reefs;

4 (B) provide State and Territorial coral reef
5 management agencies with highly qualified can-
6 didates whose education and work experience
7 meet the specific needs of each State and terri-
8 tory; and

9 (C) provide the individual fellows with pro-
10 fessional experience in coastal and coral reef re-
11 sources management

12 (3) ADMINISTRATION.—The Secretary shall
13 offer to provide a grant to the National Oceanic and
14 Atmospheric Administration’s National Ocean Serv-
15 ice to administer the Fellowship.

16 **SEC. 304. FELLOWSHIP AWARDS.**

17 (a) IN GENERAL.—The Secretary shall make avail-
18 able National Coral Reef Management Fellowship in ac-
19 cordance with this subsection.

20 (b) PERIOD OF FELLOWSHIP.—National Coral Reef
21 Management Fellowship awarded under this section shall
22 be for not more than 24 months.

23 (c) QUALIFICATIONS.—A successful program appli-
24 cant shall be an individual who has demonstrated—

1 (1) an intent to pursue a career in marine serv-
2 ices and outstanding potential for such a career;

3 (2) leadership potential or actual leadership ex-
4 perience;

5 (3) diverse life experience;

6 (4) proficient writing and speaking skills; and

7 (5) such other attributes as are considered to
8 be appropriate by the Director.

9 (d) MATCHING REQUIREMENT.—

10 (1) IN GENERAL.—Except as provided in para-
11 graph (2), the non-Federal share of the costs of a
12 fellowship under this section shall be 25 percent of
13 such costs.

14 (2) WAIVER OF REQUIREMENTS.—The Sec-
15 retary may waive the application of paragraph (1) if
16 the Secretary finds that such waiver is necessary to
17 support a project that the Secretary has identified
18 as of high priority.

19 (e) AUTHORIZATION OF APPROPRIATIONS.—There
20 are authorized to be appropriated to the Secretary such
21 sums as are necessary to carry out this section, to remain
22 available until expended.

1 **TITLE IV—ASSESSING THE**
2 **THREATS AND VALUES OF**
3 **CORAL REEF ECOSYSTEMS**

4 **SEC. 401. DEFINITIONS.**

5 In this title:

6 (1) SECRETARY.—The term “Secretary” means
7 the Secretary of Commerce.

8 (2) NATIONAL ACADEMY.—The term “National
9 Academy” means the National Academies of
10 Sciences, Engineering, and Medicine.

11 (3) APPROPRIATE COMMITTEES OF CON-
12 GRESS.—The term “appropriate committees of Con-
13 gress” means—

14 (A) the Committee on Commerce, Science,
15 and Transportation of the Senate; and

16 (B) the Committee on Natural Resources
17 of the House of Representatives.

18 (4) CORAL REEF ECOSYSTEM.—The term
19 “coral reef ecosystem” means the corals and the ani-
20 mals, plants, and other living organisms that are
21 supported by coral reefs for food, shelter, reproduc-
22 tion, and rearing.

23 (5) ULTRAVIOLET FILTERS.—The term “ultra-
24 violet filters” means chemical compounds commonly
25 used in sunscreen formula.

1 **SEC. 402. STUDY EXAMINING THE IMPACT OF ULTRA-**
2 **VIOLET FILTERS ON CORAL REEF ECO-**
3 **SYSTEMS.**

4 (a) AGREEMENT.—The Secretary shall, not more
5 than 90 days after the date of enactment of this Act, enter
6 into an agreement with the National Academy of Sciences
7 to conduct a study and submit to the appropriate commit-
8 tees of Congress a report examining the impact of ultra-
9 violet filters on coral reef ecosystems, including—

10 (1) an assessment of the impacts of common ul-
11 traviolet filters on coral reef ecosystems including re-
12 gional, longitudinal, and long-term chronic impacts;

13 (2) an assessment of the bioconcentration and
14 bioaccumulation potential of ultraviolet filters in
15 coral reef ecosystems;

16 (3) an assessment of the interaction effects of
17 ultraviolet filters between predicted temperature and
18 ocean acidification conditions;

19 (4) considerations of the ecological, conserva-
20 tion, economic, and social factors involved in a ban
21 of specific ultraviolet filters; and

22 (5) recommendations for ultraviolet filters that
23 are safe and ultraviolet filters that pose a threat to
24 healthy coral reef ecosystems.

25 (b) SUBMISSION TO CONGRESS.—Not more than 3
26 years after the date of enactment of this Act, the Sec-

1 retary shall submit the final report of the National Acad-
2 emy containing the results of the study carried out under
3 subsection (a) to the appropriate committees.

4 (c) PUBLICATION.—Not more than 30 days after the
5 completion of the report produced pursuant to subsection
6 (a), the Secretary shall make such report available on a
7 public website.

8 **SEC. 403. STUDY TO DETERMINE THE ECONOMIC, SOCI-**
9 **ETAL, AND ECOLOGICAL VALUE OF CORAL**
10 **REEF ECOSYSTEMS IN THE UNITED STATES**
11 **AND TERRITORIES OF THE UNITED STATES.**

12 (a) AGREEMENT.—The Secretary shall, not more
13 than 90 days after the date of enactment of this Act, enter
14 into an agreement with the National Academy of Sciences
15 to conduct a study evaluating the economic, societal, and
16 ecological value of coral reef ecosystems in the United
17 States and Territories of the United States, including—

18 (1) an assessment of the economic, societal, and
19 ecological value of coral reef ecosystems at national,
20 regional, and site-specific scales with respect to—

21 (A) tourism;

22 (B) fisheries;

23 (C) coastal protection including against
24 storm surge, flooding, and other natural
25 threats;

1 (D) biodiversity;
2 (E) carbon sequestration; and
3 (2) an assessment of the economic costs of deg-
4 radation and loss of coral reef with respect to the
5 matter described in paragraph (1) over the next 50
6 years.

7 (b) SUBMISSION TO CONGRESS.—Not later than 3
8 years after the date of enactment of this Act, the Sec-
9 retary shall submit the final report of the National Acad-
10 emy containing the results of the study carried out under
11 subsection (a) to the appropriate committees.

12 (c) PUBLICATION.—Not more than 30 days after the
13 completion of the report produced pursuant to subsection
14 (a), the Secretary shall make such report available on a
15 public website.

16 **TITLE V—MISCELLANEOUS** 17 **PROVISIONS**

18 **SEC. 501. STOCK ASSESSMENTS UNDER MAGNUSON-STE-** 19 **VENS FISHERY CONSERVATION AND MAN-** 20 **AGEMENT ACT.**

21 Title IV of the Magnuson-Stevens Fishery Conserva-
22 tion and Management Act (16 U.S.C. 1881 et seq.) is
23 amended by adding at the end the following:

1 **“SEC. 409. STOCK ASSESSMENTS FOR FISHERIES ASSOCI-**
2 **ATED WITH CORAL REEFS.**

3 “In preparing stock assessments under this Act, the
4 Secretary shall, to the extent practicable, place emphasis
5 on such assessments for economically important fisheries
6 associated with coral reefs.”.

7 **SEC. 502. DEEP SEA CORAL RESEARCH AND TECHNOLOGY**
8 **PROGRAM.**

9 (a) IN GENERAL.—Section 408(a) of the Magnuson-
10 Stevens Fishery Conservation and Management Act (16
11 U.S.C. 1884(a)) is amended—

12 (1) by striking “federal” and inserting “Fed-
13 eral”;

14 (2) by striking “subject to the availability of
15 appropriations,”; and

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

17 “(c) AUTHORIZATION OF APPROPRIATIONS.—There
18 is authorized to be appropriated to the Secretary to carry
19 out this title \$3,000,000 for each of fiscal years 2021
20 through 2025, which may remain available until ex-
21 pended.”.

22 (b) CLERICAL AMENDMENT.—The table of contents
23 in the first section of the Magnuson-Stevens Fishery Con-
24 servation and Management Act (16 U.S.C. 1881 et seq.)
25 is amended by adding at the end of the items relating to
26 title IV the following:

“Sec. 408. Deep sea coral research and technology program.

“Sec. 409. Stock assessments for fisheries associated with coral reefs.”.