

116TH CONGRESS
1ST SESSION

S. 268

To reauthorize the Partners for Fish and Wildlife Program and certain wildlife conservation funds, to establish prize competitions relating to the prevention of wildlife poaching and trafficking, wildlife conservation, the management of invasive species, and the protection of endangered species, to amend the Marine Turtle Conservation Act of 2004 to modify the protections provided by that Act, and for other purposes.

IN THE SENATE OF THE UNITED STATES

JANUARY 29, 2019

Mr. BARRASSO (for himself, Mr. CARPER, Mr. INHOFE, Mr. BOOKER, Mr. BOOZMAN, and Mr. WHITEHOUSE) introduced the following bill; which was read twice and referred to the Committee on Environment and Public Works

A BILL

To reauthorize the Partners for Fish and Wildlife Program and certain wildlife conservation funds, to establish prize competitions relating to the prevention of wildlife poaching and trafficking, wildlife conservation, the management of invasive species, and the protection of endangered species, to amend the Marine Turtle Conservation Act of 2004 to modify the protections provided by that Act, 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,*

1 **SECTION 1. SHORT TITLE.**

2 This Act may be cited as the “Wildlife Innovation
3 and Longevity Driver Act” or the “WILD Act”.

4 **SEC. 2. WILDLIFE HABITAT AND CONSERVATION.**

5 (a) PARTNERS FOR FISH AND WILDLIFE PROGRAM
6 REAUTHORIZATION.—Section 5 of the Partners for Fish
7 and Wildlife Act (16 U.S.C. 3774) is amended by striking
8 “2006 through 2011” and inserting “2019 through
9 2023”.

10 (b) FISH AND WILDLIFE COORDINATION.—

11 (1) PURPOSE.—The purpose of this subsection
12 is to protect water, oceans, coasts, and wildlife from
13 invasive species.

14 (2) AMENDMENTS TO FISH AND WILDLIFE CO-
15 ORDINATION ACT.—

16 (A) SHORT TITLE; AUTHORIZATION.—The
17 first section of the Fish and Wildlife Coordina-
18 tion Act (16 U.S.C. 661) is amended by strik-
19 ing “For the purpose” and inserting the fol-
20 lowing:

21 **“SECTION 1. SHORT TITLE; AUTHORIZATION.**

22 “(a) SHORT TITLE.—This Act may be cited as the
23 ‘Fish and Wildlife Coordination Act’.

24 “(b) AUTHORIZATION.—For the purpose”.

25 (B) PROTECTION OF WATER, OCEANS,
26 COASTS, AND WILDLIFE FROM INVASIVE SPE-

1 CIES.—The Fish and Wildlife Coordination Act
 2 (16 U.S.C. 661 et seq.) is amended by adding
 3 at the end the following:

4 **“SEC. 10. PROTECTION OF WATER, OCEANS, COASTS, AND**
 5 **WILDLIFE FROM INVASIVE SPECIES.**

6 “(a) DEFINITIONS.—In this section:

7 “(1) CONTROL.—The term ‘control’, with re-
 8 spect to an invasive species, means the eradication,
 9 suppression, or reduction of the population of the
 10 invasive species within the area in which the invasive
 11 species is present.

12 “(2) ECOSYSTEM.—The term ‘ecosystem’
 13 means the complex of a community of organisms
 14 and the environment of the organisms.

15 “(3) ELIGIBLE STATE.—The term ‘eligible
 16 State’ means any of—

17 “(A) a State;

18 “(B) the District of Columbia;

19 “(C) the Commonwealth of Puerto Rico;

20 “(D) Guam;

21 “(E) American Samoa;

22 “(F) the Commonwealth of the Northern
 23 Mariana Islands; and

24 “(G) the United States Virgin Islands.

25 “(4) INVASIVE SPECIES.—

1 “(A) IN GENERAL.—The term ‘invasive
2 species’ means an alien species, the introduction
3 of which causes, or is likely to cause, economic
4 or environmental harm or harm to human
5 health.

6 “(B) ASSOCIATED DEFINITION.—For pur-
7 poses of subparagraph (A), the term ‘alien spe-
8 cies’, with respect to a particular ecosystem,
9 means any species (including the seeds, eggs,
10 spores, or other biological material of the spe-
11 cies that are capable of propagating the species)
12 that is not native to the affected ecosystem.

13 “(5) MANAGE; MANAGEMENT.—The terms
14 ‘manage’ and ‘management’, with respect to an
15 invasive species, mean the active implementation of
16 any activity—

17 “(A) to reduce or stop the spread of the
18 invasive species; and

19 “(B) to inhibit further infestations of the
20 invasive species, the spread of the invasive spe-
21 cies, or harm caused by the invasive species, in-
22 cluding investigations regarding methods for
23 early detection and rapid response, prevention,
24 control, or management of the invasive species.

1 “(6) PREVENT.—The term ‘prevent’, with re-
2 spect to an invasive species, means—

3 “(A) to hinder the introduction of the
4 invasive species onto land or water; or

5 “(B) to impede the spread of the invasive
6 species within land or water by inspecting,
7 intercepting, or confiscating invasive species
8 threats prior to the establishment of the
9 invasive species onto land or water of an eligible
10 State.

11 “(7) SECRETARY CONCERNED.—The term ‘Sec-
12 retary concerned’ means—

13 “(A) the Secretary of the Army, with re-
14 spect to Federal land administered by the
15 Corps of Engineers;

16 “(B) the Secretary of the Interior, with re-
17 spect to Federal land administered by the Sec-
18 retary of the Interior through—

19 “(i) the United States Fish and Wild-
20 life Service;

21 “(ii) the Bureau of Indian Affairs;

22 “(iii) the Bureau of Land Manage-
23 ment;

24 “(iv) the Bureau of Reclamation; or

25 “(v) the National Park Service;

1 “(C) the Secretary of Agriculture, with re-
 2 spect to Federal land administered by the Sec-
 3 retary of Agriculture through the Forest Serv-
 4 ice; and

5 “(D) the head or a representative of any
 6 other Federal agency the duties of whom re-
 7 quire planning relating to, and the treatment
 8 of, invasive species for the purpose of protecting
 9 water and wildlife on land and coasts and in
 10 oceans and water.

11 “(8) SPECIES.—The term ‘species’ means a
 12 group of organisms, all of which—

13 “(A) have a high degree of genetic simi-
 14 larity;

15 “(B) are morphologically distinct;

16 “(C) generally—

17 “(i) interbreed at maturity only
 18 among themselves; and

19 “(ii) produce fertile offspring; and

20 “(D) show persistent differences from
 21 members of allied groups of organisms.

22 “(b) CONTROL AND MANAGEMENT.—Each Secretary
 23 concerned shall plan and carry out activities on land di-
 24 rectly managed by the Secretary concerned to protect

1 water and wildlife by controlling and managing invasive
 2 species—

3 “(1) to inhibit or reduce the populations of
 4 invasive species; and

5 “(2) to effectuate restoration or reclamation ef-
 6 forts.

7 “(c) STRATEGIC PLAN.—

8 “(1) IN GENERAL.—Each Secretary concerned
 9 shall develop a strategic plan for the implementation
 10 of the invasive species program to achieve, to the
 11 maximum extent practicable, a substantive annual
 12 net reduction of invasive species populations or in-
 13 fested acreage on land or water managed by the Sec-
 14 retary concerned.

15 “(2) COORDINATION.—Each strategic plan
 16 under paragraph (1) shall be developed—

17 “(A) in coordination with affected—

18 “(i) eligible States; and

19 “(ii) political subdivisions of eligible
 20 States;

21 “(B) in consultation with federally recog-
 22 nized Indian tribes; and

23 “(C) in accordance with the priorities es-
 24 tablished by 1 or more Governors of the eligible

1 States in which an ecosystem affected by an
2 invasive species is located.

3 “(3) FACTORS FOR CONSIDERATION.—In devel-
4 oping a strategic plan under this subsection, the
5 Secretary concerned shall take into consideration the
6 economic and ecological costs of action or inaction,
7 as applicable.

8 “(d) COST-EFFECTIVE METHODS.—In selecting a
9 method to be used to control or manage an invasive species
10 as part of a specific control or management project con-
11 ducted as part of a strategic plan developed under sub-
12 section (c), the Secretary concerned shall prioritize the use
13 of methods that—

14 “(1) effectively control and manage invasive
15 species, as determined by the Secretary concerned,
16 based on sound scientific data;

17 “(2) minimize environmental impacts; and

18 “(3) control and manage invasive species in the
19 most cost-effective manner.

20 “(e) COMPARATIVE ECONOMIC ASSESSMENT.—To
21 achieve compliance with subsection (d), the Secretary con-
22 cerned shall require a comparative economic assessment
23 of invasive species control and management methods to
24 be conducted.

25 “(f) EXPEDITED ACTION.—

1 “(1) IN GENERAL.—The Secretaries concerned
 2 shall use all tools and flexibilities available (as of the
 3 date of enactment of this section) to expedite the
 4 projects and activities described in paragraph (2).

5 “(2) DESCRIPTION OF PROJECTS AND ACTIVITIES.—A project or activity referred to in paragraph
 6 (1) is a project or activity—

8 “(A) to protect water or wildlife from an
 9 invasive species that, as determined by the Sec-
 10 retary concerned is, or will be, carried out on
 11 land or water that is—

12 “(i) directly managed by the Secretary
 13 concerned; and

14 “(ii) located in an area that is—

15 “(I) at high risk for the introduc-
 16 tion, establishment, or spread of
 17 invasive species; and

18 “(II) determined by the Sec-
 19 retary concerned to require immediate
 20 action to address the risk identified in
 21 subclause (I); and

22 “(B) carried out in accordance with appli-
 23 cable agency procedures, including any applica-
 24 ble—

1 “(i) land or resource management
2 plan; or

3 “(ii) land use plan.

4 “(g) ALLOCATION OF FUNDING.—Of the amount ap-
5 propriated or otherwise made available to each Secretary
6 concerned for a fiscal year for programs that address or
7 include protection of land or water from an invasive spe-
8 cies, the Secretary concerned shall use not less than 75
9 percent for on-the-ground control and management of
10 invasive species, which may include—

11 “(1) the purchase of necessary products, equip-
12 ment, or services to conduct that control and man-
13 agement;

14 “(2) the use of integrated pest management op-
15 tions, including options that use pesticides author-
16 ized for sale, distribution, or use under the Federal
17 Insecticide, Fungicide, and Rodenticide Act (7
18 U.S.C. 136 et seq.);

19 “(3) the use of biological control agents that
20 are proven to be effective to reduce invasive species
21 populations;

22 “(4) the use of revegetation or cultural restora-
23 tion methods designed to improve the diversity and
24 richness of ecosystems;

1 “(5) the use of monitoring and detection activi-
2 ties for invasive species, including equipment, detec-
3 tion dogs, and mechanical devices;

4 “(6) the use of appropriate methods to remove
5 invasive species from a vehicle or vessel capable of
6 conveyance; or

7 “(7) the use of other effective mechanical or
8 manual control methods.

9 “(h) INVESTIGATIONS, OUTREACH, AND PUBLIC
10 AWARENESS.—Of the amount appropriated or otherwise
11 made available to each Secretary concerned for a fiscal
12 year for programs that address or include protection of
13 land or water from an invasive species, the Secretary con-
14 cerned may use not more than 15 percent for investiga-
15 tions, development activities, and outreach and public
16 awareness efforts to address invasive species control and
17 management needs.

18 “(i) ADMINISTRATIVE COSTS.—Of the amount appro-
19 priated or otherwise made available to each Secretary con-
20 cerned for a fiscal year for programs that address or in-
21 clude protection of land or water from an invasive species,
22 not more than 10 percent may be used for administrative
23 costs incurred to carry out those programs, including costs
24 relating to oversight and management of the programs,

1 recordkeeping, and implementation of the strategic plan
2 developed under subsection (c).

3 “(j) REPORTING REQUIREMENTS.—Not later than 60
4 days after the end of the second fiscal year beginning after
5 the date of enactment of this section, each Secretary con-
6 cerned shall submit to Congress a report—

7 “(1) describing the use by the Secretary con-
8 cerned during the 2 preceding fiscal years of funds
9 for programs that address or include invasive species
10 management; and

11 “(2) specifying the percentage of funds ex-
12 pended for each of the purposes specified in sub-
13 sections (g), (h), and (i).

14 “(k) RELATION TO OTHER AUTHORITY.—

15 “(1) OTHER INVASIVE SPECIES CONTROL, PRE-
16 VENTION, AND MANAGEMENT AUTHORITIES.—Noth-
17 ing in this section precludes the Secretary concerned
18 from pursuing or supporting, pursuant to any other
19 provision of law, any activity regarding the control,
20 prevention, or management of an invasive species,
21 including investigations to improve the control, pre-
22 vention, or management of the invasive species.

23 “(2) PUBLIC WATER SUPPLY SYSTEMS.—Noth-
24 ing in this section authorizes the Secretary con-
25 cerned to suspend any water delivery or diversion, or

1 otherwise to prevent the operation of a public water
2 supply system, as a measure to control, manage, or
3 prevent the introduction or spread of an invasive
4 species.

5 “(l) USE OF PARTNERSHIPS.—Subject to the sub-
6 sections (m) and (n), the Secretary concerned may enter
7 into any contract or cooperative agreement with another
8 Federal agency, an eligible State, a federally recognized
9 Indian tribe, a political subdivision of an eligible State,
10 or a private individual or entity to assist with the control
11 and management of an invasive species.

12 “(m) MEMORANDUM OF UNDERSTANDING.—

13 “(1) IN GENERAL.—As a condition of a con-
14 tract or cooperative agreement under subsection (l),
15 the Secretary concerned and the applicable Federal
16 agency, eligible State, political subdivision of an eli-
17 gible State, or private individual or entity shall enter
18 into a memorandum of understanding that de-
19 scribes—

20 “(A) the nature of the partnership between
21 the parties to the memorandum of under-
22 standing; and

23 “(B) the control and management activi-
24 ties to be conducted under the contract or coop-
25 erative agreement.

1 “(2) CONTENTS.—A memorandum of under-
2 standing under this subsection shall contain, at a
3 minimum, the following:

4 “(A) A prioritized listing of each invasive
5 species to be controlled or managed.

6 “(B) An assessment of the total acres of
7 land or area of water infested by the invasive
8 species.

9 “(C) An estimate of the expected total
10 acres of land or area of water infested by the
11 invasive species after control and management
12 of the invasive species is attempted.

13 “(D) A description of each specific, inte-
14 grated pest management option to be used, in-
15 cluding a comparative economic assessment to
16 determine the least-costly method.

17 “(E) Any map, boundary, or Global Posi-
18 tioning System coordinates needed to clearly
19 identify the area in which each control or man-
20 agement activity is proposed to be conducted.

21 “(F) A written assurance that each part-
22 ner will comply with section 15 of the Federal
23 Noxious Weed Act of 1974 (7 U.S.C. 2814).

24 “(3) COORDINATION.—If a partner to a con-
25 tract or cooperative agreement under subsection (1)

1 is an eligible State, political subdivision of an eligible
2 State, or private individual or entity, the memo-
3 randum of understanding under this subsection shall
4 include a description of—

5 “(A) the means by which each applicable
6 control or management effort will be coordi-
7 nated; and

8 “(B) the expected outcomes of managing
9 and controlling the invasive species.

10 “(4) PUBLIC OUTREACH AND AWARENESS EF-
11 FORTS.—If a contract or cooperative agreement
12 under subsection (1) involves any outreach or public
13 awareness effort, the memorandum of understanding
14 under this subsection shall include a list of goals and
15 objectives for each outreach or public awareness ef-
16 fort that have been determined to be efficient to in-
17 form national, regional, State, Tribal, or local audi-
18 ences regarding invasive species control and manage-
19 ment.

20 “(n) INVESTIGATIONS.—The purpose of any invasive
21 species-related investigation carried out under a contract
22 or cooperative agreement under subsection (1) shall be—

23 “(1) to develop solutions and specific rec-
24 ommendations for control and management of
25 invasive species; and

1 “(2) specifically to provide faster implementa-
2 tion of control and management methods.

3 “(o) COORDINATION WITH AFFECTED LOCAL GOV-
4 ERNMENTS.—Each project and activity carried out pursu-
5 ant to this section shall be coordinated with affected local
6 governments in a manner that is consistent with section
7 202(c)(9) of the Federal Land Policy and Management
8 Act of 1976 (43 U.S.C. 1712(c)(9)).”.

9 (c) WILDLIFE CONSERVATION.—

10 (1) REAUTHORIZATIONS.—

11 (A) REAUTHORIZATION OF AFRICAN ELE-
12 PHANT CONSERVATION ACT.—Section 2306(a)
13 of the African Elephant Conservation Act (16
14 U.S.C. 4245(a)) is amended by striking “2007
15 through 2012” and inserting “2019 through
16 2023”.

17 (B) REAUTHORIZATION OF ASIAN ELE-
18 PHANT CONSERVATION ACT OF 1997.—Section
19 8(a) of the Asian Elephant Conservation Act of
20 1997 (16 U.S.C. 4266(a)) is amended by strik-
21 ing “2007 through 2012” and inserting “2019
22 through 2023”.

23 (C) REAUTHORIZATION OF RHINOCEROS
24 AND TIGER CONSERVATION ACT OF 1994.—Sec-
25 tion 10(a) of the Rhinoceros and Tiger Con-

1 servation Act of 1994 (16 U.S.C. 5306(a)) is
 2 amended by striking “2007 through 2012” and
 3 inserting “2019 through 2023”.

4 (2) AMENDMENTS TO GREAT APE CONSERVA-
 5 TION ACT OF 2000.—

6 (A) PANEL.—Section 4(i) of the Great Ape
 7 Conservation Act of 2000 (16 U.S.C. 6303(i))
 8 is amended—

9 (i) by striking paragraph (1) and in-
 10 serting the following:

11 “(1) CONVENTION.—Not later than 1 year after
 12 the date of enactment of the Wildlife Innovation and
 13 Longevity Driver Act, and every 5 years thereafter,
 14 the Secretary may convene a panel of experts on
 15 great apes to identify the greatest needs and prior-
 16 ities for the conservation of great apes.”;

17 (ii) by redesignating paragraph (2) as
 18 paragraph (5); and

19 (iii) by inserting after paragraph (1)
 20 the following:

21 “(2) COMPOSITION.—The Secretary shall en-
 22 sure that the panel referred to in paragraph (1) in-
 23 cludes, to the maximum extent practicable, 1 or
 24 more representatives—

1 “(A) from each country that comprises the
2 natural range of great apes; and

3 “(B) with expertise in great ape conserva-
4 tion.

5 “(3) CONSERVATION PLANS.—In identifying the
6 conservation needs and priorities under paragraph
7 (1), the panel referred to in that paragraph shall
8 consider any relevant great ape conservation plan or
9 strategy, including scientific research and findings
10 relating to—

11 “(A) the conservation needs and priorities
12 of great apes;

13 “(B) any regional or species-specific action
14 plan or strategy;

15 “(C) any applicable strategy developed or
16 initiated by the Secretary; and

17 “(D) any other applicable conservation
18 plan or strategy.

19 “(4) FUNDS.—Subject to the availability of ap-
20 propriations, the Secretary may use amounts avail-
21 able to the Secretary to pay for the costs of con-
22 vening and facilitating any meeting of the panel re-
23 ferred to in paragraph (1).”.

24 (B) MULTIYEAR GRANTS.—Section 4 of
25 the Great Ape Conservation Act of 2000 (16

1 U.S.C. 6303) is amended by adding at the end
 2 the following:

3 “(j) MULTIYEAR GRANTS.—

4 “(1) AUTHORIZATION.—The Secretary may
 5 award to a person who is otherwise eligible for a
 6 grant under this section a multiyear grant to carry
 7 out a project that the person demonstrates is an ef-
 8 fective, long-term conservation strategy for great
 9 apes and the habitat of great apes.

10 “(2) EFFECT OF SUBSECTION.—Nothing in this
 11 subsection precludes the Secretary from awarding a
 12 grant on an annual basis.”.

13 (C) ADMINISTRATIVE EXPENSES.—Section
 14 5(b)(2) of the Great Ape Conservation Act of
 15 2000 (16 U.S.C. 6304(b)(2)) is amended by
 16 striking “\$100,000” and inserting “\$150,000”.

17 (D) AUTHORIZATION OF APPROPRIA-
 18 TIONS.—Section 6 of the Great Ape Conserva-
 19 tion Act of 2000 (16 U.S.C. 6305) is amended
 20 by striking “2006 through 2010” and inserting
 21 “2019 through 2023”.

22 (3) AMENDMENTS TO MARINE TURTLE CON-
 23 SERVATION ACT OF 2004.—

24 (A) PURPOSE.—Section 2 of the Marine
 25 Turtle Conservation Act of 2004 (16 U.S.C.

1 6601) is amended by striking subsection (b)
2 and inserting the following:

3 “(b) PURPOSE.—The purpose of this Act is to assist
4 in the conservation of marine turtles, freshwater turtles,
5 and tortoises and the habitats of marine turtles, fresh-
6 water turtles, and tortoises in foreign countries and terri-
7 tories of the United States by supporting and providing
8 financial resources for projects—

9 “(1) to conserve marine turtle, freshwater tur-
10 tle, and tortoise habitats under the jurisdiction of
11 United States Fish and Wildlife Service programs;

12 “(2) to conserve marine turtles, freshwater tur-
13 tles, and tortoises in those habitats; and

14 “(3) to address other threats to the survival of
15 marine turtles, freshwater turtles, and tortoises, in-
16 cluding habitat loss, poaching of turtles or their
17 eggs, and wildlife trafficking.”.

18 (B) DEFINITIONS.—Section 3 of the Ma-
19 rine Turtle Conservation Act of 2004 (16
20 U.S.C. 6602) is amended—

21 (i) in paragraph (2)—

22 (I) in the matter preceding sub-
23 paragraph (A), by striking “nesting
24 habitats of marine turtles in foreign
25 countries and of marine turtles in

those habitats” and inserting “marine turtles, freshwater turtles, and tortoises, and the habitats of marine turtles, freshwater turtles, and tortoises, in foreign countries and territories of the United States under the jurisdiction of United States Fish and Wildlife Service programs”;

(II) in subparagraphs (A), (B), and (C), by striking “nesting” each place it appears;

(III) in subparagraph (D)—

(aa) in the matter preceding clause (i), by striking “countries to—” and inserting “countries—”;

(bb) in clause (i)—

(AA) by inserting “to” before “protect”; and

(BB) by striking “nesting” each place it appears; and

(cc) in clause (ii), by inserting “to” before “prevent”;

1 (IV) in subparagraph (E)(i), by
 2 striking “turtles on nesting habitat”
 3 and inserting “turtles, freshwater tur-
 4 tles, and tortoises”;

5 (V) in subparagraph (F), by
 6 striking “turtles over habitat used by
 7 marine turtles for nesting” and insert-
 8 ing “turtles, freshwater turtles, and
 9 tortoises over habitats used by marine
 10 turtles, freshwater turtles, and tor-
 11 toises”; and

12 (VI) in subparagraph (H), by
 13 striking “nesting” each place it ap-
 14 pears;

15 (ii) by redesignating paragraphs (3),
 16 (4), (5), and (6) as paragraphs (4), (6),
 17 (7), and (8), respectively;

18 (iii) by inserting before paragraph (4)
 19 (as so redesignated) the following:

20 “(3) FRESHWATER TURTLE.—

21 “(A) IN GENERAL.—The term ‘freshwater
 22 turtle’ means any member of the family
 23 Carettochelyidae, Chelidae, Chelydridae,
 24 Dermatemydidae, Emydidae, Geoemydidae,

1 Kinosternidae, Pelomedusidae, Platysternidae,
 2 Podocnemididae, or Trionychidae.

3 “(B) INCLUSIONS.—The term ‘freshwater
 4 turtle’ includes—

5 “(i) any part, product, egg, or off-
 6 spring of a turtle described in subpara-
 7 graph (A); and

8 “(ii) a carcass of such a turtle.”;

9 (iv) by inserting after paragraph (4)
 10 (as so redesignated) the following:

11 “(5) HABITAT.—The term ‘habitat’ means any
 12 marine turtle, freshwater turtle, or tortoise habitat
 13 (including a nesting habitat) that is under the juris-
 14 diction of United States Fish and Wildlife Service
 15 programs.”; and

16 (v) by inserting after paragraph (8)
 17 (as so redesignated) the following:

18 “(9) TERRITORY OF THE UNITED STATES.—

19 The term ‘territory of the United States’ means—

20 “(A) American Samoa;

21 “(B) the Commonwealth of the Northern
 22 Mariana Islands;

23 “(C) the Commonwealth of Puerto Rico;

24 “(D) Guam;

25 “(E) the United States Virgin Islands; and

1 “(F) any other territory or possession of
2 the United States.

3 “(10) TORTOISE.—

4 “(A) IN GENERAL.—The term ‘tortoise’
5 means any member of the family Testudinidae.

6 “(B) INCLUSIONS.—The term ‘tortoise’ in-
7 cludes—

8 “(i) any part, product, egg, or off-
9 spring of a tortoise described in subpara-
10 graph (A); and

11 “(ii) a carcass of such a tortoise.”.

12 “(C) CONSERVATION ASSISTANCE.—Section
13 4 of the Marine Turtle Conservation Act of
14 2004 (16 U.S.C. 6603) is amended—

15 (i) in the section heading, by striking

16 **“MARINE TURTLE”**;

17 (ii) in subsection (a), by inserting “,
18 freshwater turtles, or tortoises” after “ma-
19 rine turtles”;

20 (iii) in subsection (b)(1)—

21 (I) in the matter preceding sub-
22 paragraph (A), by inserting “, fresh-
23 water turtles, or tortoises” after “ma-
24 rine turtles”;

1 (II) by striking subparagraph (A)
 2 and inserting the following:

3 “(A) any wildlife management authority of
 4 a foreign country or territory of the United
 5 States that has within its boundaries marine
 6 turtle, freshwater turtle, or tortoise habitat, if
 7 the activities of the authority directly or indi-
 8 rectly affect marine turtle, freshwater turtle, or
 9 tortoise conservation; or”; and

10 (III) in subparagraph (B), by in-
 11 serting “, freshwater turtles, or tor-
 12 toises” after “marine turtles”;

13 (iv) in subsection (c)(2), in each of
 14 subparagraphs (A) and (C), by inserting
 15 “and territory of the United States” after
 16 “each country”;

17 (v) by striking subsection (d) and in-
 18 serting the following:

19 “(d) CRITERIA FOR APPROVAL.—The Secretary may
 20 approve a project proposal under this section if the Sec-
 21 retary determines that the project will help to restore, re-
 22 cover, and sustain a viable population of marine turtles,
 23 freshwater turtles, or tortoises in the wild by assisting ef-
 24 forts in a foreign country or territory of the United States

1 to implement a marine turtle, freshwater turtle, or tortoise
 2 conservation program.”; and

3 (vi) in subsection (e), by striking
 4 “marine turtles and their nesting habitats”
 5 and inserting “marine turtles, freshwater
 6 turtles, or tortoises and the habitats of
 7 marine turtles, freshwater turtles, or tor-
 8 toises”.

9 (D) MARINE TURTLE CONSERVATION
 10 FUND.—Section 5 of the Marine Turtle Con-
 11 servation Act of 2004 (16 U.S.C. 6604) is
 12 amended—

13 (i) in subsection (a)(2), by striking
 14 “section 6” and inserting “section 7(a)”;
 15 and

16 (ii) in subsection (b)(2), by striking
 17 “3 percent, or up to \$80,000” and insert-
 18 ing “5 percent, or up to \$150,000”.

19 (E) ADVISORY GROUP.—Section 6(a) of
 20 the Marine Turtle Conservation Act of 2004
 21 (16 U.S.C. 6605(a)) is amended by inserting “,
 22 freshwater turtles, or tortoises” after “marine
 23 turtles”.

24 (F) AUTHORIZATION OF APPROPRIA-
 25 TIONS.—Section 7 of the Marine Turtle Con-

1 servation Act of 2004 (16 U.S.C. 6606) is
2 amended to read as follows:

3 **“SEC. 7. AUTHORIZATION OF APPROPRIATIONS.**

4 “(a) IN GENERAL.—There is authorized to be appro-
5 priated to the Fund \$5,000,000 for each of fiscal years
6 2020 through 2024.

7 “(b) ALLOCATION.—Of the amounts made available
8 for each fiscal year pursuant to subsection (a)—

9 “(1) not less than \$1,510,000 shall be used by
10 the Secretary for marine turtle conservation pur-
11 poses in accordance with this Act; and

12 “(2) of the amounts in excess of the amount de-
13 scribed in paragraph (1), not less than 40 percent
14 shall be used by the Secretary for freshwater turtle
15 and tortoise conservation purposes in accordance
16 with this Act.”.

17 (d) PRIZE COMPETITIONS.—

18 (1) DEFINITIONS.—In this subsection:

19 (A) NON-FEDERAL FUNDS.—The term
20 “non-Federal funds” means funds provided
21 by—

22 (i) a State;

23 (ii) a territory of the United States;

24 (iii) 1 or more units of local or tribal
25 government;

- 1 (iv) a private for-profit entity;
- 2 (v) a nonprofit organization; or
- 3 (vi) a private individual.

4 (B) SECRETARY.—The term “Secretary”
 5 means the Secretary, acting through the Direc-
 6 tor of the United States Fish and Wildlife Serv-
 7 ice.

8 (C) WILDLIFE.—The term “wildlife” has
 9 the meaning given the term in section 8 of the
 10 Fish and Wildlife Coordination Act (16 U.S.C.
 11 666b).

12 (2) THEODORE ROOSEVELT GENIUS PRIZE FOR
 13 PREVENTION OF WILDLIFE POACHING AND TRAF-
 14 FICKING.—

15 (A) DEFINITIONS.—In this paragraph:

16 (i) BOARD.—The term “Board”
 17 means the Prevention of Wildlife Poaching
 18 and Trafficking Technology Advisory
 19 Board established by subparagraph (C)(i).

20 (ii) PRIZE COMPETITION.—The term
 21 “prize competition” means the Theodore
 22 Roosevelt Genius Prize for the prevention
 23 of wildlife poaching and trafficking estab-
 24 lished under subparagraph (B).

1 (B) AUTHORITY.—Not later than 180 days
2 after the date of enactment of this Act, the Sec-
3 retary shall establish under section 24 of the
4 Stevenson-Wydler Technology Innovation Act of
5 1980 (15 U.S.C. 3719) a prize competition, to
6 be known as the “Theodore Roosevelt Genius
7 Prize for the prevention of wildlife poaching
8 and trafficking”—

9 (i) to encourage technological innova-
10 tion with the potential to advance the mis-
11 sion of the United States Fish and Wildlife
12 Service with respect to the prevention of
13 wildlife poaching and trafficking; and

14 (ii) to award 1 or more prizes annu-
15 ally for a technological advancement that
16 prevents wildlife poaching and trafficking.

17 (C) ADVISORY BOARD.—

18 (i) ESTABLISHMENT.—There is estab-
19 lished an advisory board, to be known as
20 the “Prevention of Wildlife Poaching and
21 Trafficking Technology Advisory Board”.

22 (ii) COMPOSITION.—The Board shall
23 be composed of not fewer than 9 members
24 appointed by the Secretary, who shall pro-
25 vide expertise in—

- 1 (I) wildlife trafficking and trade;
- 2 (II) wildlife conservation and
- 3 management;
- 4 (III) biology;
- 5 (IV) technology development;
- 6 (V) engineering;
- 7 (VI) economics;
- 8 (VII) business development and
- 9 management; and
- 10 (VIII) any other discipline, as the
- 11 Secretary determines to be necessary
- 12 to achieve the purposes of this para-
- 13 graph.

14 (iii) DUTIES.—Subject to clause (iv),
 15 with respect to the prize competition, the
 16 Board shall—

- 17 (I) select a topic;
- 18 (II) issue a problem statement;
- 19 (III) advise the Secretary regard-
- 20 ing any opportunity for technological
- 21 innovation to prevent wildlife poaching
- 22 and trafficking; and
- 23 (IV) advise winners of the prize
- 24 competition regarding opportunities to
- 25 pilot and implement winning tech-

1 nologies in relevant fields, including in
 2 partnership with conservation organi-
 3 zations, Federal or State agencies,
 4 federally recognized Indian tribes, pri-
 5 vate entities, and research institutions
 6 with expertise or interest relating to
 7 the prevention of wildlife poaching
 8 and trafficking.

9 (iv) CONSULTATION.—In selecting a
 10 topic and issuing a problem statement for
 11 the prize competition under subclauses (I)
 12 and (II) of clause (iii), respectively, the
 13 Board shall consult widely with Federal
 14 and non-Federal stakeholders, including—

15 (I) 1 or more Federal agencies
 16 with jurisdiction over the prevention
 17 of wildlife poaching and trafficking;

18 (II) 1 or more State agencies
 19 with jurisdiction over the prevention
 20 of wildlife poaching and trafficking;

21 (III) 1 or more State, regional,
 22 or local wildlife organizations, the
 23 mission of which relates to the preven-
 24 tion of wildlife poaching and traf-
 25 ficking; and

1 (IV) 1 or more wildlife conserva-
 2 tion groups, technology companies, re-
 3 search institutions, institutions of
 4 higher education, industry associa-
 5 tions, or individual stakeholders with
 6 an interest in the prevention of wild-
 7 life poaching and trafficking.

8 (v) REQUIREMENTS.—The Board
 9 shall comply with all requirements under
 10 paragraph (7)(A).

11 (D) AGREEMENT WITH NATIONAL FISH
 12 AND WILDLIFE FOUNDATION.—

13 (i) IN GENERAL.—The Secretary shall
 14 offer to enter into an agreement under
 15 which the National Fish and Wildlife
 16 Foundation shall administer the prize com-
 17 petition.

18 (ii) REQUIREMENTS.—An agreement
 19 entered into under clause (i) shall comply
 20 with all requirements under paragraph
 21 (7)(B).

22 (E) JUDGES.—

23 (i) APPOINTMENT.—The Secretary
 24 shall appoint not fewer than 3 judges who
 25 shall, except as provided in clause (ii), se-

lect the 1 or more annual winners of the prize competition.

(ii) DETERMINATION BY SECRETARY.—The judges appointed under clause (i) shall not select any annual winner of the prize competition if the Secretary makes a determination that, in any fiscal year, none of the technological advancements entered into the prize competition merits an award.

(F) REPORT TO CONGRESS.—Not later than 60 days after the date on which a cash prize is awarded under this paragraph, the Secretary shall submit to the Committee on Environment and Public Works of the Senate and the Committee on Natural Resources of the House of Representatives a report on the prize competition that includes—

(i) a statement by the Board that describes the activities carried out by the Board relating to the duties described in subparagraph (C)(iii);

(ii) if the Secretary has entered into an agreement under subparagraph (D)(i), a statement by the National Fish and

Wildlife Foundation that describes the activities carried out by the National Fish and Wildlife Foundation relating to the duties described in paragraph (7)(B); and

(iii) a statement by 1 or more of the judges appointed under subparagraph (E) that explains the basis on which the winner of the cash prize was selected.

(G) TERMINATION OF AUTHORITY.—The Board and all authority provided under this paragraph shall terminate on December 31, 2023.

(3) THEODORE ROOSEVELT GENIUS PRIZE FOR PROMOTION OF WILDLIFE CONSERVATION.—

(A) DEFINITIONS.—In this paragraph:

(i) BOARD.—The term “Board” means the Promotion of Wildlife Conservation Technology Advisory Board established by subparagraph (C)(i).

(ii) PRIZE COMPETITION.—The term “prize competition” means the Theodore Roosevelt Genius Prize for the promotion of wildlife conservation established under subparagraph (B).

1 (B) AUTHORITY.—Not later than 180 days
2 after the date of enactment of this Act, the Sec-
3 retary shall establish under section 24 of the
4 Stevenson-Wydler Technology Innovation Act of
5 1980 (15 U.S.C. 3719) a prize competition, to
6 be known as the “Theodore Roosevelt Genius
7 Prize for the promotion of wildlife conserva-
8 tion”—

9 (i) to encourage technological innova-
10 tion with the potential to advance the mis-
11 sion of the United States Fish and Wildlife
12 Service with respect to the promotion of
13 wildlife conservation; and

14 (ii) to award 1 or more prizes annu-
15 ally for a technological advancement that
16 promotes wildlife conservation.

17 (C) ADVISORY BOARD.—

18 (i) ESTABLISHMENT.—There is estab-
19 lished an advisory board, to be known as
20 the “Promotion of Wildlife Conservation
21 Technology Advisory Board”.

22 (ii) COMPOSITION.—The Board shall
23 be composed of not fewer than 9 members
24 appointed by the Secretary, who shall pro-
25 vide expertise in—

- 1 (I) wildlife conservation and
2 management;
3 (II) biology;
4 (III) technology development;
5 (IV) engineering;
6 (V) economics;
7 (VI) business development and
8 management; and
9 (VII) any other discipline, as the
10 Secretary determines to be necessary
11 to achieve the purposes of this para-
12 graph.
- 13 (iii) DUTIES.—Subject to clause (iv),
14 with respect to the prize competition, the
15 Board shall—
- 16 (I) select a topic;
17 (II) issue a problem statement;
18 (III) advise the Secretary regard-
19 ing any opportunity for technological
20 innovation to promote wildlife con-
21 servation; and
22 (IV) advise winners of the prize
23 competition regarding opportunities to
24 pilot and implement winning tech-
25 nologies in relevant fields, including in

1 partnership with conservation organi-
 2 zations, Federal or State agencies,
 3 federally recognized Indian tribes, pri-
 4 vate entities, and research institutions
 5 with expertise or interest relating to
 6 the promotion of wildlife conservation.

7 (iv) CONSULTATION.—In selecting a
 8 topic and issuing a problem statement for
 9 the prize competition under subclauses (I)
 10 and (II) of clause (iii), respectively, the
 11 Board shall consult widely with Federal
 12 and non-Federal stakeholders, including—

13 (I) 1 or more Federal agencies
 14 with jurisdiction over the promotion of
 15 wildlife conservation;

16 (II) 1 or more State agencies
 17 with jurisdiction over the promotion of
 18 wildlife conservation;

19 (III) 1 or more State, regional,
 20 or local wildlife organizations, the
 21 mission of which relates to the pro-
 22 motion of wildlife conservation; and

23 (IV) 1 or more wildlife conserva-
 24 tion groups, technology companies, re-
 25 search institutions, institutions of

1 higher education, industry associa-
 2 tions, or individual stakeholders with
 3 an interest in the promotion of wild-
 4 life conservation.

5 (v) REQUIREMENTS.—The Board
 6 shall comply with all requirements under
 7 paragraph (7)(A).

8 (D) AGREEMENT WITH NATIONAL FISH
 9 AND WILDLIFE FOUNDATION.—

10 (i) IN GENERAL.—The Secretary shall
 11 offer to enter into an agreement under
 12 which the National Fish and Wildlife
 13 Foundation shall administer the prize com-
 14 petition.

15 (ii) REQUIREMENTS.—An agreement
 16 entered into under clause (i) shall comply
 17 with all requirements under paragraph
 18 (7)(B).

19 (E) JUDGES.—

20 (i) APPOINTMENT.—The Secretary
 21 shall appoint not fewer than 3 judges who
 22 shall, except as provided in clause (ii), se-
 23 lect the 1 or more annual winners of the
 24 prize competition.

1 (ii) DETERMINATION BY SEC-
 2 RETARY.—The judges appointed under
 3 clause (i) shall not select any annual win-
 4 ner of the prize competition if the Sec-
 5 retary makes a determination that, in any
 6 fiscal year, none of the technological ad-
 7 vancements entered into the prize competi-
 8 tion merits an award.

9 (F) REPORT TO CONGRESS.—Not later
 10 than 60 days after the date on which a cash
 11 prize is awarded under this paragraph, the Sec-
 12 retary shall submit to the Committee on Envi-
 13 ronment and Public Works of the Senate and
 14 the Committee on Natural Resources of the
 15 House of Representatives a report on the prize
 16 competition that includes—

17 (i) a statement by the Board that de-
 18 scribes the activities carried out by the
 19 Board relating to the duties described in
 20 subparagraph (C)(iii);

21 (ii) if the Secretary has entered into
 22 an agreement under subparagraph (D)(i),
 23 a statement by the National Fish and
 24 Wildlife Foundation that describes the ac-
 25 tivities carried out by the National Fish

and Wildlife Foundation relating to the duties described in paragraph (7)(B); and

(iii) a statement by 1 or more of the judges appointed under subparagraph (E) that explains the basis on which the winner of the cash prize was selected.

(G) TERMINATION OF AUTHORITY.—The Board and all authority provided under this paragraph shall terminate on December 31, 2023.

(4) THEODORE ROOSEVELT GENIUS PRIZE FOR MANAGEMENT OF INVASIVE SPECIES.—

(A) DEFINITIONS.—In this paragraph:

(i) BOARD.—The term “Board” means the Management of Invasive Species Technology Advisory Board established by subparagraph (C)(i).

(ii) PRIZE COMPETITION.—The term “prize competition” means the Theodore Roosevelt Genius Prize for the management of invasive species established under subparagraph (B).

(B) AUTHORITY.—Not later than 180 days after the date of enactment of this Act, the Secretary shall establish under section 24 of the

Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 3719) a prize competition, to be known as the “Theodore Roosevelt Genius Prize for the management of invasive species”—

(i) to encourage technological innovation with the potential to advance the mission of the United States Fish and Wildlife Service with respect to the management of invasive species; and

(ii) to award 1 or more prizes annually for a technological advancement that manages invasive species.

(C) ADVISORY BOARD.—

(i) ESTABLISHMENT.—There is established an advisory board, to be known as the “Management of Invasive Species Technology Advisory Board”.

(ii) COMPOSITION.—The Board shall be composed of not fewer than 9 members appointed by the Secretary, who shall provide expertise in—

(I) invasive species;

(II) biology;

(III) technology development;

1 (IV) engineering;

2 (V) economics;

3 (VI) business development and
4 management; and

5 (VII) any other discipline, as the
6 Secretary determines to be necessary
7 to achieve the purposes of this para-
8 graph.

9 (iii) DUTIES.—Subject to clause (iv),
10 with respect to the prize competition, the
11 Board shall—

12 (I) select a topic;

13 (II) issue a problem statement;

14 (III) advise the Secretary regard-
15 ing any opportunity for technological
16 innovation to manage invasive species;
17 and

18 (IV) advise winners of the prize
19 competition regarding opportunities to
20 pilot and implement winning tech-
21 nologies in relevant fields, including in
22 partnership with conservation organi-
23 zations, Federal or State agencies,
24 federally recognized Indian tribes, pri-
25 vate entities, and research institutions

1 with expertise or interest relating to
 2 the management of invasive species.

3 (iv) CONSULTATION.—In selecting a
 4 topic and issuing a problem statement for
 5 the prize competition under subclauses (I)
 6 and (II) of clause (iii), respectively, the
 7 Board shall consult widely with Federal
 8 and non-Federal stakeholders, including—

9 (I) 1 or more Federal agencies
 10 with jurisdiction over the management
 11 of invasive species;

12 (II) 1 or more State agencies
 13 with jurisdiction over the management
 14 of invasive species;

15 (III) 1 or more State, regional,
 16 or local wildlife organizations, the
 17 mission of which relates to the man-
 18 agement of invasive species; and

19 (IV) 1 or more wildlife conserva-
 20 tion groups, technology companies, re-
 21 search institutions, institutions of
 22 higher education, industry associa-
 23 tions, or individual stakeholders with
 24 an interest in the management of
 25 invasive species.

1 (v) REQUIREMENTS.—The Board
 2 shall comply with all requirements under
 3 paragraph (7)(A).

4 (D) AGREEMENT WITH NATIONAL FISH
 5 AND WILDLIFE FOUNDATION.—

6 (i) IN GENERAL.—The Secretary shall
 7 offer to enter into an agreement under
 8 which the National Fish and Wildlife
 9 Foundation shall administer the prize com-
 10 petition.

11 (ii) REQUIREMENTS.—An agreement
 12 entered into under clause (i) shall comply
 13 with all requirements under paragraph
 14 (7)(B).

15 (E) JUDGES.—

16 (i) APPOINTMENT.—The Secretary
 17 shall appoint not fewer than 3 judges who
 18 shall, except as provided in clause (ii), se-
 19 lect the 1 or more annual winners of the
 20 prize competition.

21 (ii) DETERMINATION BY SEC-
 22 RETARY.—The judges appointed under
 23 clause (i) shall not select any annual win-
 24 ner of the prize competition if the Sec-
 25 retary makes a determination that, in any

1 fiscal year, none of the technological ad-
2 vancements entered into the prize competi-
3 tion merits an award.

4 (F) REPORT TO CONGRESS.—Not later
5 than 60 days after the date on which a cash
6 prize is awarded under this paragraph, the Sec-
7 retary shall submit to the Committee on Envi-
8 ronment and Public Works of the Senate and
9 the Committee on Natural Resources of the
10 House of Representatives a report on the prize
11 competition that includes—

12 (i) a statement by the Board that de-
13 scribes the activities carried out by the
14 Board relating to the duties described in
15 subparagraph (C)(iii);

16 (ii) if the Secretary has entered into
17 an agreement under subparagraph (D)(i),
18 a statement by the National Fish and
19 Wildlife Foundation that describes the ac-
20 tivities carried out by the National Fish
21 and Wildlife Foundation relating to the du-
22 ties described in paragraph (7)(B); and

23 (iii) a statement by 1 or more of the
24 judges appointed under subparagraph (E)

1 that explains the basis on which the winner
2 of the cash prize was selected.

3 (G) TERMINATION OF AUTHORITY.—The
4 Board and all authority provided under this
5 paragraph shall terminate on December 31,
6 2023.

7 (5) THEODORE ROOSEVELT GENIUS PRIZE FOR
8 PROTECTION OF ENDANGERED SPECIES.—

9 (A) DEFINITIONS.—In this paragraph:

10 (i) BOARD.—The term “Board”
11 means the Protection of Endangered Spe-
12 cies Technology Advisory Board estab-
13 lished by subparagraph (C)(i).

14 (ii) PRIZE COMPETITION.—The term
15 “prize competition” means the Theodore
16 Roosevelt Genius Prize for the protection
17 of endangered species established under
18 subparagraph (B).

19 (B) AUTHORITY.—Not later than 180 days
20 after the date of enactment of this Act, the Sec-
21 retary shall establish under section 24 of the
22 Stevenson-Wydler Technology Innovation Act of
23 1980 (15 U.S.C. 3719) a prize competition, to
24 be known as the “Theodore Roosevelt Genius

1 Prize for the protection of endangered spe-
 2 cies”—

3 (i) to encourage technological innova-
 4 tion with the potential to advance the mis-
 5 sion of the United States Fish and Wildlife
 6 Service with respect to the protection of
 7 endangered species; and

8 (ii) to award 1 or more prizes annu-
 9 ally for a technological advancement that
 10 protects endangered species.

11 (C) ADVISORY BOARD.—

12 (i) ESTABLISHMENT.—There is estab-
 13 lished an advisory board, to be known as
 14 the “Protection of Endangered Species
 15 Technology Advisory Board”.

16 (ii) COMPOSITION.—The Board shall
 17 be composed of not fewer than 9 members
 18 appointed by the Secretary, who shall pro-
 19 vide expertise in—

- 20 (I) endangered species;
- 21 (II) biology;
- 22 (III) technology development;
- 23 (IV) engineering;
- 24 (V) economics;

1 (VI) business development and
2 management; and

3 (VII) any other discipline, as the
4 Secretary determines to be necessary
5 to achieve the purposes of this para-
6 graph.

7 (iii) DUTIES.—Subject to clause (iv),
8 with respect to the prize competition, the
9 Board shall—

10 (I) select a topic;

11 (II) issue a problem statement;

12 (III) advise the Secretary regard-
13 ing any opportunity for technological
14 innovation to protect endangered spe-
15 cies; and

16 (IV) advise winners of the prize
17 competition regarding opportunities to
18 pilot and implement winning tech-
19 nologies in relevant fields, including in
20 partnership with conservation organi-
21 zations, Federal or State agencies,
22 federally recognized Indian tribes, pri-
23 vate entities, and research institutions
24 with expertise or interest relating to
25 the protection of endangered species.

1 (iv) CONSULTATION.—In selecting a
2 topic and issuing a problem statement for
3 the prize competition under subclauses (I)
4 and (II) of clause (iii), respectively, the
5 Board shall consult widely with Federal
6 and non-Federal stakeholders, including—

7 (I) 1 or more Federal agencies
8 with jurisdiction over the protection of
9 endangered species;

10 (II) 1 or more State agencies
11 with jurisdiction over the protection of
12 endangered species;

13 (III) 1 or more State, regional,
14 or local wildlife organizations, the
15 mission of which relates to the protec-
16 tion of endangered species; and

17 (IV) 1 or more wildlife conserva-
18 tion groups, technology companies, re-
19 search institutions, institutions of
20 higher education, industry associa-
21 tions, or individual stakeholders with
22 an interest in the protection of endan-
23 gered species.

1 (v) REQUIREMENTS.—The Board
 2 shall comply with all requirements under
 3 paragraph (7)(A).

4 (D) AGREEMENT WITH NATIONAL FISH
 5 AND WILDLIFE FOUNDATION.—

6 (i) IN GENERAL.—The Secretary shall
 7 offer to enter into an agreement under
 8 which the National Fish and Wildlife
 9 Foundation shall administer the prize com-
 10 petition.

11 (ii) REQUIREMENTS.—An agreement
 12 entered into under clause (i) shall comply
 13 with all requirements under paragraph
 14 (7)(B).

15 (E) JUDGES.—

16 (i) APPOINTMENT.—The Secretary
 17 shall appoint not fewer than 3 judges who
 18 shall, except as provided in clause (ii), se-
 19 lect the 1 or more annual winners of the
 20 prize competition.

21 (ii) DETERMINATION BY SEC-
 22 RETARY.—The judges appointed under
 23 clause (i) shall not select any annual win-
 24 ner of the prize competition if the Sec-
 25 retary makes a determination that, in any

1 fiscal year, none of the technological ad-
2 vancements entered into the prize competi-
3 tion merits an award.

4 (F) REPORT TO CONGRESS.—Not later
5 than 60 days after the date on which a cash
6 prize is awarded under this paragraph, the Sec-
7 retary shall submit to the Committee on Envi-
8 ronment and Public Works of the Senate and
9 the Committee on Natural Resources of the
10 House of Representatives a report on the prize
11 competition that includes—

12 (i) a statement by the Board that de-
13 scribes the activities carried out by the
14 Board relating to the duties described in
15 subparagraph (C)(iii);

16 (ii) if the Secretary has entered into
17 an agreement under subparagraph (D)(i),
18 a statement by the National Fish and
19 Wildlife Foundation that describes the ac-
20 tivities carried out by the National Fish
21 and Wildlife Foundation relating to the du-
22 ties described in paragraph (7)(B); and

23 (iii) a statement by 1 or more of the
24 judges appointed under subparagraph (E)

1 that explains the basis on which the winner
2 of the cash prize was selected.

3 (G) TERMINATION OF AUTHORITY.—The
4 Board and all authority provided under this
5 paragraph shall terminate on December 31,
6 2023.

7 (6) THEODORE ROOSEVELT GENIUS PRIZE FOR
8 NONLETHAL MANAGEMENT OF HUMAN-WILDLIFE
9 CONFLICTS.—

10 (A) DEFINITIONS.—In this paragraph:

11 (i) BOARD.—The term “Board”
12 means the Nonlethal Management of
13 Human-Wildlife Conflicts Technology Advi-
14 sory Board established by subparagraph
15 (C)(i).

16 (ii) PRIZE COMPETITION.—The term
17 “prize competition” means the Theodore
18 Roosevelt Genius Prize for the nonlethal
19 management of human-wildlife conflicts es-
20 tablished under subparagraph (B).

21 (B) AUTHORITY.—Not later than 180 days
22 after the date of enactment of this Act, the Sec-
23 retary shall establish under section 24 of the
24 Stevenson-Wydler Technology Innovation Act of
25 1980 (15 U.S.C. 3719) a prize competition, to

1 be known as the “Theodore Roosevelt Genius
 2 Prize for the nonlethal management of human-
 3 wildlife conflicts”—

4 (i) to encourage technological innova-
 5 tion with the potential to advance the mis-
 6 sion of the United States Fish and Wildlife
 7 Service with respect to the nonlethal man-
 8 agement of human-wildlife conflicts; and

9 (ii) to award 1 or more prizes annu-
 10 ally for a technological advancement that
 11 promotes the nonlethal management of
 12 human-wildlife conflicts.

13 (C) ADVISORY BOARD.—

14 (i) ESTABLISHMENT.—There is estab-
 15 lished an advisory board, to be known as
 16 the “Nonlethal Management of Human-
 17 Wildlife Conflicts Technology Advisory
 18 Board”.

19 (ii) COMPOSITION.—The Board shall
 20 be composed of not fewer than 9 members
 21 appointed by the Secretary, who shall pro-
 22 vide expertise in—

23 (I) nonlethal wildlife manage-
 24 ment;

- 1 (II) social aspects of human-wild-
2 life conflict management;
3 (III) biology;
4 (IV) technology development;
5 (V) engineering;
6 (VI) economics;
7 (VII) business development and
8 management; and
9 (VIII) any other discipline, as the
10 Secretary determines to be necessary
11 to achieve the purposes of this para-
12 graph.
- 13 (iii) DUTIES.—Subject to clause (iv),
14 with respect to the prize competition, the
15 Board shall—
- 16 (I) select a topic;
17 (II) issue a problem statement;
18 (III) advise the Secretary regard-
19 ing any opportunity for technological
20 innovation to promote the nonlethal
21 management of human-wildlife con-
22 flicts; and
23 (IV) advise winners of the prize
24 competition regarding opportunities to
25 pilot and implement winning tech-

1 nologies in relevant fields, including in
 2 partnership with conservation organi-
 3 zations, Federal or State agencies,
 4 federally recognized Indian tribes, pri-
 5 vate entities, and research institutions
 6 with expertise or interest relating to
 7 the nonlethal management of human-
 8 wildlife conflicts.

9 (iv) CONSULTATION.—In selecting a
 10 topic and issuing a problem statement for
 11 the prize competition under subclauses (I)
 12 and (II) of subparagraph (C), respectively,
 13 the Board shall consult widely with Fed-
 14 eral and non-Federal stakeholders, includ-
 15 ing—

16 (I) 1 or more Federal agencies
 17 with jurisdiction over the management
 18 of native wildlife species at risk due to
 19 conflict with human activities;

20 (II) 1 or more State agencies
 21 with jurisdiction over the management
 22 of native wildlife species at risk due to
 23 conflict with human activities;

24 (III) 1 or more State, regional,
 25 or local wildlife organizations, the

mission of which relates to the management of native wildlife species at risk due to conflict with human activities; and

(IV) 1 or more wildlife conservation groups, technology companies, research institutions, institutions of higher education, industry associations, or individual stakeholders with an interest in the management of native wildlife species at risk due to conflict with human activities.

(v) REQUIREMENTS.—The Board shall comply with all requirements under paragraph (7)(A).

(D) AGREEMENT WITH NATIONAL FISH AND WILDLIFE FOUNDATION.—

(i) IN GENERAL.—The Secretary shall offer to enter into an agreement under which the National Fish and Wildlife Foundation shall administer the prize competition.

(ii) REQUIREMENTS.—An agreement entered into under clause (i) shall comply

1 with all requirements under paragraph
2 (7)(B).

3 (E) JUDGES.—

4 (i) APPOINTMENT.—The Secretary
5 shall appoint not fewer than 3 judges who
6 shall, except as provided in clause (ii), se-
7 lect the 1 or more annual winners of the
8 prize competition.

9 (ii) DETERMINATION BY SEC-
10 RETARY.—The judges appointed under
11 clause (i) shall not select any annual win-
12 ner of the prize competition if the Sec-
13 retary makes a determination that, in any
14 fiscal year, none of the technological ad-
15 vancements entered into the prize competi-
16 tion merits an award.

17 (F) REPORT TO CONGRESS.—Not later
18 than 60 days after the date on which a cash
19 prize is awarded under this paragraph, the Sec-
20 retary shall submit to the Committee on Envi-
21 ronment and Public Works of the Senate and
22 the Committee on Natural Resources of the
23 House of Representatives a report on the prize
24 competition that includes—

(i) a statement by the Board that describes the activities carried out by the Board relating to the duties described in subparagraph (C)(iii);

(ii) if the Secretary has entered into an agreement under subparagraph (D)(i), a statement by the National Fish and Wildlife Foundation that describes the activities carried out by the National Fish and Wildlife Foundation relating to the duties described in paragraph (7)(B); and

(iii) a statement by 1 or more of the judges appointed under subparagraph (E) that explains the basis on which the winner of the cash prize was selected.

(G) TERMINATION OF AUTHORITY.—The Board and all authority provided under this paragraph shall terminate on December 31, 2023.

(7) ADMINISTRATION OF PRIZE COMPETITIONS.—

(A) ADDITIONAL REQUIREMENTS FOR ADVISORY BOARDS.—An advisory board established under paragraph (2)(C)(i), (3)(C)(i), (4)(C)(i), (5)(C)(i), or (6)(C)(i) (referred to in

1 this paragraph as a “Board”) shall comply with
 2 the following requirements:

3 (i) TERM; VACANCIES.—

4 (I) TERM.—A member of the
 5 Board shall serve for a term of 5
 6 years.

7 (II) VACANCIES.—A vacancy on
 8 the Board—

9 (aa) shall not affect the
 10 powers of the Board; and

11 (bb) shall be filled in the
 12 same manner as the original ap-
 13 pointment was made.

14 (ii) INITIAL MEETING.—Not later
 15 than 30 days after the date on which all
 16 members of the Board have been ap-
 17 pointed, the Board shall hold the initial
 18 meeting of the Board.

19 (iii) MEETINGS.—

20 (I) IN GENERAL.—The Board
 21 shall meet at the call of the Chair-
 22 person.

23 (II) REMOTE PARTICIPATION.—

24 (aa) IN GENERAL.—Any
 25 member of the Board may par-

1 ticipate in a meeting of the
2 Board through the use of—

3 (AA) teleconferencing;

4 or

5 (BB) any other remote
6 business telecommunications
7 method that allows each
8 participating member to si-
9 multaneously hear each
10 other participating member
11 during the meeting.

12 (bb) PRESENCE.—A member
13 of the Board who participates in
14 a meeting remotely under item
15 (aa) shall be considered to be
16 present at the meeting.

17 (iv) QUORUM.—A majority of the
18 members of the Board shall constitute a
19 quorum, but a lesser number of members
20 may hold a meeting.

21 (v) CHAIRPERSON AND VICE CHAIR-
22 PERSON.—The Board shall select a Chair-
23 person and Vice Chairperson from among
24 the members of the Board.

1 (vi) ADMINISTRATIVE COST REDUC-
 2 TION.—The Board shall, to the maximum
 3 extent practicable, minimize the adminis-
 4 trative costs of the Board, including by en-
 5 couraging the remote participation de-
 6 scribed in clause (iii)(II)(aa) to reduce
 7 travel costs.

8 (B) AGREEMENTS WITH NATIONAL FISH
 9 AND WILDLIFE FOUNDATION.—Any agreement
 10 entered into under paragraph (2)(D)(i),
 11 (3)(D)(i), (4)(D)(i), (5)(D)(i), or (6)(D)(i) shall
 12 comply with the following requirements:

13 (i) DUTIES.—An agreement shall pro-
 14 vide that the National Fish and Wildlife
 15 Foundation shall—

16 (I) advertise the prize competi-
 17 tion;

18 (II) solicit prize competition par-
 19 ticipants;

20 (III) administer funds relating to
 21 the prize competition;

22 (IV) receive Federal funds—

23 (aa) to administer the prize
 24 competition; and

25 (bb) to award a cash prize;

- 1 (V) carry out activities to gen-
2 erate contributions of non-Federal
3 funds to offset, in whole or in part—
4 (aa) the administrative costs
5 of the prize competition; and
6 (bb) the costs of a cash
7 prize;
- 8 (VI) in consultation with, and
9 subject to final approval by, the Sec-
10 retary, develop criteria for the selec-
11 tion of prize competition winners;
- 12 (VII) provide advice and con-
13 sultation to the Secretary on the se-
14 lection of judges under paragraphs
15 (2)(E), (3)(E), (4)(E), (5)(E), and
16 (6)(E) based on criteria developed in
17 consultation with, and subject to the
18 final approval of, the Secretary;
- 19 (VIII) announce 1 or more an-
20 nual winners of the prize competition;
- 21 (IX) subject to clause (ii), award
22 1 cash prize annually; and
- 23 (X) protect against unauthorized
24 use or disclosure by the National Fish
25 and Wildlife Foundation of any trade

1 secret or confidential business infor-
2 mation of a prize competition partici-
3 pant.

4 (ii) ADDITIONAL CASH PRIZES.—An
5 agreement shall provide that the National
6 Fish and Wildlife Foundation may award
7 more than 1 cash prize annually if the ini-
8 tial cash prize referred to in clause (i)(IX)
9 and any additional cash prize are awarded
10 using only non-Federal funds.

11 (iii) SOLICITATION OF FUNDS.—An
12 agreement shall provide that the National
13 Fish and Wildlife Foundation—

14 (I) may request and accept Fed-
15 eral funds and non-Federal funds for
16 a cash prize;

17 (II) may accept a contribution
18 for a cash prize in exchange for the
19 right to name the prize; and

20 (III) shall not give special consid-
21 eration to any Federal agency or non-
22 Federal entity in exchange for a dona-
23 tion for a cash prize awarded under
24 this subsection.

25 (C) AWARD AMOUNTS.—

1 (i) IN GENERAL.—The amount of the
2 initial cash prize referred to in subpara-
3 graph (B)(i)(IX) shall be \$100,000.

4 (ii) ADDITIONAL CASH PRIZES.—On
5 notification by the National Fish and Wild-
6 life Foundation that non-Federal funds are
7 available for an additional cash prize, the
8 Secretary shall determine the amount of
9 the additional cash prize.

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