

117TH CONGRESS
1ST SESSION

H. R. 3540

To reauthorize the Chesapeake Bay Office of the National Oceanic and
Atmospheric Administration, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

MAY 25, 2021

Mr. SARBANES (for himself, Mr. SCOTT of Virginia, Mr. WITTMAN, Mr. CON-
NOLLY, Mr. BROWN, Mr. RUPPERSBERGER, Ms. WEXTON, Mr. HOYER,
Ms. BLUNT ROCHESTER, Mr. CARTWRIGHT, Mrs. LURIA, Mr.
McEACHIN, Ms. SPANBERGER, Mr. RASKIN, Ms. NORTON, Mr. MFUME,
and Mr. TRONE) introduced the following bill; which was referred to the
Committee on Natural Resources

A BILL

To reauthorize the Chesapeake Bay Office of the National
Oceanic and Atmospheric Administration, 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.**

4 This Act may be cited as the “Chesapeake Bay
5 Science, Education, and Ecosystem Enhancement Act of
6 2021”.

1 **SEC. 2. SENSE OF CONGRESS.**

2 It is the sense of Congress that the National Oceanic
3 and Atmospheric Administration’s Chesapeake Bay Office
4 should be the primary representative of the National Oce-
5 anic and Atmospheric Administration in the Chesapeake
6 Bay watershed.

7 **SEC. 3. REAUTHORIZATION OF THE NATIONAL OCEANIC**
8 **AND ATMOSPHERIC ADMINISTRATION**
9 **CHESAPEAKE BAY OFFICE.**

10 Section 307 of the National Oceanic and Atmospheric
11 Administration Authorization Act of 1992 (15 U.S.C.
12 1511d) is amended—

13 (1) in subsection (a)—

14 (A) in paragraph (1) by striking “(in this
15 section” and all that follows and inserting a pe-
16 riod;

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

19 “(2) The Office shall be headed by a Director,
20 who—

21 “(A) shall have knowledge and experience
22 in research or resource management efforts in
23 the Chesapeake Bay; and

24 “(B) shall be responsible for the adminis-
25 tration and operation of the office and the im-
26 plementation of this Act.”; and

1 (C) by striking paragraph (3);

2 (2) in subsection (b)—

3 (A) in paragraph (2), by striking “Sec-
4 retary of Commerce” and inserting “Adminis-
5 trator”;

6 (B) in paragraph (3)—

7 (i) by inserting “with and represent”
8 after “coordinate,”;

9 (ii) by striking “, the Chesapeake Bay
10 Regional Sea Grant Programs, and the
11 Chesapeake Bay units of the National Es-
12 tuarine Research Reserve System,” and in-
13 serting “for the Chesapeake Bay Program
14 and that relate to the Chesapeake Bay wa-
15 tershed in furtherance of such Administra-
16 tion’s coastal resource stewardship mis-
17 sion,”;

18 (iii) in subparagraph (A)—

19 (I) in clause (vi), by striking
20 “and” at the end; and

21 (II) by adding at the end the fol-
22 lowing:

23 “(viii) coastal hazards and climate
24 change;

25 “(ix) education; and”; and

1 (iv) in subparagraph (B)—

2 (I) in clause (iii), by striking
3 “and” at the end;

4 (II) in clause (iv), by inserting
5 “and” after the semicolon; and

6 (III) by adding at the end the
7 following:

8 “(v) integrated ecosystem assess-
9 ments;”;

10 (C) in paragraph (4)—

11 (i) by striking “Environmental Pro-
12 tection Agency” and inserting “Chesapeake
13 Executive Council”; and

14 (ii) by inserting before the semicolon
15 at the end the following: “as appropriate to
16 further the purposes of this section”;

17 (D) by striking paragraphs (5) and (7);

18 (E) by redesignating paragraph (6) as
19 paragraph (5); and

20 (F) by adding at the end the following:

21 “(6) perform any functions necessary to sup-
22 port the programs referred to in paragraph (3).”;

23 (3) by striking subsections (c), (d), and (e); and

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

25 “(c) PROGRAM ACTIVITIES.—

1 “(1) IN GENERAL.—The Administrator,
2 through the Director, shall implement the program
3 activities authorized by this section to support the
4 activity of the Chesapeake Executive Council and to
5 further the purposes of this section.

6 “(2) ENSURING SCIENTIFIC AND TECHNICAL
7 MERIT.—The Director shall—

8 “(A) establish and use an effective and
9 transparent mechanism to ensure that projects
10 funded under this section have undergone ap-
11 propriate peer review; and

12 “(B) provide other appropriate means to
13 determine that such projects have acceptable
14 scientific and technical merit for the purpose of
15 achieving maximum use of available funds and
16 resources to benefit the Chesapeake Bay area.

17 “(3) CONSULTATION WITH CHESAPEAKE EXEC-
18 UTIVE COUNCIL.—The Director shall, in the imple-
19 mentation of the program activities authorized under
20 this section, consult with the Chesapeake Executive
21 Council, to ensure that the activities of the Office
22 are consistent with the purposes and priorities of the
23 Chesapeake Bay Agreement and plans developed
24 pursuant to the such agreement.

25 “(4) INTEGRATED COASTAL OBSERVATIONS.—

1 “(A) IN GENERAL.—The Administrator,
2 through the Director, may collaborate with sci-
3 entific and academic institutions, State and
4 Federal agencies, non-governmental organiza-
5 tions, and other constituents in the Chesapeake
6 Bay watershed, to support an integrated obser-
7 vations system for the Chesapeake Bay con-
8 sistent with the purposes of the Integrated
9 Coastal and Ocean Observation System Act of
10 2009 (33 U.S.C. 3601 et seq.).

11 “(B) SPECIFIC REQUIREMENTS.—To sup-
12 port the system referred to in subparagraph (A)
13 and provide a complete set of environmental in-
14 formation for the Chesapeake Bay, the Director
15 shall—

16 “(i) coordinate monitoring with Fed-
17 eral and State agencies in the tidal por-
18 tions of the Chesapeake Bay to understand
19 impacts of water quality on living marine
20 resources;

21 “(ii) identify new data collection needs
22 and deploy new technologies, as appro-
23 priate;

24 “(iii) collect and analyze the scientific
25 information necessary for the management

1 of living marine resources and the marine
2 habitat associated with such resources; and

3 “(iv) organize the information de-
4 scribed in clause (iii) into products that
5 are useful to policy makers, resource man-
6 agers, scientists, and the public.

7 “(C) CHESAPEAKE BAY INTERPRETIVE
8 BUOY SYSTEM.—To further the development
9 and implementation of the Chesapeake Bay In-
10 terpretive Buoy System and associated moni-
11 toring assets to improve weather and ecological
12 forecasts, monitor habitat conditions for living
13 marine resources, the Director may—

14 “(i) support the establishment and
15 implementation of the Captain John Smith
16 Chesapeake National Historic Trail;

17 “(ii) delineate key waypoints along the
18 trail and provide appropriate real-time
19 data and information for trail users;

20 “(iii) interpret data and information
21 for use by educators and students to in-
22 spire stewardship of Chesapeake Bay; and

23 “(iv) incorporate the Chesapeake Bay
24 Interpretive Buoy System into the Inte-

1 grated Ocean Observing System regional
2 network of observatories.

3 “(5) CHESAPEAKE BAY WATERSHED EDU-
4 CATION AND TRAINING PROGRAM.—

5 “(A) IN GENERAL.—The Administrator,
6 through the Director, may establish a Ches-
7 apeake Bay watershed education and training
8 program. The program shall—

9 “(i) continue and expand the Ches-
10 apeake Bay watershed education programs
11 offered by the Office immediately before
12 the enactment of the Chesapeake Bay
13 Science, Education, and Ecosystem En-
14 hancement Act of 2021;

15 “(ii) improve the understanding of el-
16 ementary and secondary school students
17 and teachers of the living resources of the
18 ecosystem of the Chesapeake Bay;

19 “(iii) provide education and career
20 pathway internships; and

21 “(iv) meet the educational goals of the
22 Chesapeake Bay Watershed Agreement.

23 “(B) GRANT PROGRAM.—The Director
24 may award grants for the purposes of this para-
25 graph. Grants awarded under this subpara-

graph may be used to support education and training projects that enhance understanding and assessment of a specific environmental problem in the Chesapeake Bay watershed or a goal of the Chesapeake Bay Program, or protect or restore living resources of the Chesapeake Bay watershed, including projects that—

“(i) provide classroom education, including the development and use of distance learning and other innovative technologies, related to the Chesapeake Bay watershed;

“(ii) provide meaningful watershed educational experiences in the Chesapeake Bay watershed;

“(iii) provide professional development for teachers related to the Chesapeake Bay watershed and the dissemination of pertinent education materials oriented to varying grade levels;

“(iv) demonstrate or disseminate environmental educational tools and materials related to the Chesapeake Bay watershed;

“(v) demonstrate field methods, practices, and techniques including assessment

1 of environmental and ecological conditions
2 and analysis of environmental problems;
3 and

4 “(vi) build the capacity of school dis-
5 tricts and their partners to deliver high
6 quality environmental education programs.

7 “(C) COORDINATION.—The Director shall
8 implement the education and training program
9 in coordination with the heads of other Federal
10 agencies, as the Director determines appro-
11 priate.

12 “(6) COASTAL AND LIVING RESOURCES MAN-
13 AGEMENT AND HABITAT PROGRAM.—

14 “(A) IN GENERAL.—The Administrator,
15 through the Director, may establish a Ches-
16 peake Bay Coastal Living Resources Manage-
17 ment and Habitat Program to support coordi-
18 nated management, protection, characterization,
19 and restoration of priority Chesapeake Bay
20 habitats and living resources, including oysters,
21 blue crabs, submerged aquatic vegetation, and
22 economically and ecologically important fish
23 species such as striped bass and menhaden.

24 “(B) ACTIVITIES.—Under the Chesapeake
25 Bay Coastal Living Resources Management and

1 Habitat Program, the Director may carry out
2 or enter into grants, contracts, and cooperative
3 agreements and provide technical assistance to
4 support—

5 “(i) native oyster research and res-
6 toration;

7 “(ii) fish and shellfish aquaculture
8 that is carried out in accordance with a
9 valid Federal or State permit;

10 “(iii) establishment of submerged
11 aquatic vegetation restoration programs;

12 “(iv) the development of programs
13 that restore, protect, and build the resil-
14 ience of critical coastal habitats and com-
15 munities;

16 “(v) habitat mapping, characteriza-
17 tion, and assessment techniques necessary
18 to identify, assess, and monitor Chesa-
19 peake Bay conditions and restoration ac-
20 tions;

21 “(vi) application and transfer of ap-
22 plied scientific research and ecosystem
23 management tools to fisheries and habitat
24 managers;

1 “(vii) collection, synthesis, and shar-
2 ing of information to inform and influence
3 coastal and living resource management
4 issues;

5 “(viii) ecologically and economically
6 important fish and shellfish research; and

7 “(ix) other activities that the director
8 determines are appropriate to carry out
9 the purposes of such program.

10 “(d) DELEGATION.—

11 “(1) AUTHORITY.—The Administrator shall del-
12 egate to the Director such authority as may be nec-
13 essary to carry out this section.

14 “(2) STAFF.—The Administrator shall delegate
15 to the Director appropriate staff representing exper-
16 tise that covers the breadth of the duties of the Of-
17 fice.

18 “(e) REPORTS.—

19 “(1) IN GENERAL.—The Administrator,
20 through the Director, shall submit a biennial report
21 to the Congress and the Secretary of Commerce on
22 the activities of the Office and on progress made in
23 protecting and restoring the living resources and
24 habitat of the Chesapeake Bay.

1 “(2) ACTION PLAN.—Each such report shall in-
2 clude an action plan for the 2-year period following
3 submission of the report, consisting of—

4 “(A) a list of recommended research, moni-
5 toring, and data collection activities necessary
6 to continue implementation of the strategy
7 under subsection (b)(2); and

8 “(B) recommendations to integrate Na-
9 tional Oceanic and Atmospheric Administration
10 activities with the activities of the partners in
11 the Chesapeake Bay Program to meet the com-
12 mitments of the Chesapeake Bay Agreement
13 and subsequent agreements.

14 “(f) AGREEMENTS.—

15 “(1) IN GENERAL.—The Administrator,
16 through the Director, may enter into and perform
17 such contracts, leases, grants, or cooperative agree-
18 ments as may be necessary to carry out the purposes
19 of this Act.

20 “(2) USE OF OTHER RESOURCES.—For pur-
21 poses related to the understanding, protection, and
22 restoration of Chesapeake Bay, the Director may
23 use, with consent and with or without reimburse-
24 ment, the land, services, equipment, personnel, and
25 facilities of any Department, agency, or instrumen-

1 tality of the United States, or of any State, local
2 government, Indian Tribe, or of any political sub-
3 division thereof.

4 “(g) DEFINITIONS.—In this section, the following
5 definitions apply:

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

9 “(2) CHESAPEAKE BAY AGREEMENT; CHESA-
10 PEAKE BAY ECOSYSTEM; CHESAPEAKE BAY PRO-
11 GRAM; CHESAPEAKE EXECUTIVE COUNCIL.—The
12 terms ‘Chesapeake Bay Agreement’, ‘Chesapeake
13 Bay ecosystem’, ‘Chesapeake Bay Program’, and
14 ‘Chesapeake Executive Council’ have the meanings
15 given those terms in section 117(a) of the Federal
16 Water Pollution Control Act (33 U.S.C. 1267(a)).

17 “(3) DIRECTOR.—The term ‘Director’ means
18 the Director of the Office.

19 “(4) OFFICE.—The term ‘Office’ means the
20 Chesapeake Bay Office established under this sec-
21 tion.

22 “(h) AUTHORIZATION OF APPROPRIATIONS.—There
23 is authorized to be appropriated to the Secretary to carry
24 out this section—

25 “(1) \$17,000,000 for fiscal year 2022;

- 1 “(2) \$18,700,000 for fiscal year 2023;
- 2 “(3) \$20,570,000 for fiscal year 2024; and
- 3 “(4) \$22,627,000 for fiscal year 2025.”.

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