

after until the date that is 20 years after December 23, 2022, the Administrator, in consultation with the heads of other relevant Federal agencies, shall publish a report that—

(1) defines the Blue Economy in consultation with Indian Tribes and with input from academia, the private sector, nongovernmental organizations, and other relevant experts;

(2) makes recommendations for updating North American Industry Classification System reporting codes to reflect the Blue Economy; and

(3) provides a comprehensive estimate of the value and impact of the Blue Economy with respect to each State and territory of the United States, including—

(A) the value and impact of—

(i) economic activities that are dependent upon the resources of the Great Lakes, oceans, bays, estuaries, and coasts;

(ii) the population and demographic characteristics of the population along the coasts;

(iii) port and shoreline infrastructure;

(iv) the volume and value of cargo shipped by sea or across the Great Lakes;

(v) data collected from the Great Lakes, oceans, bays, estuaries, and coasts, including such data collected by businesses that purchase and commodify the data, including weather prediction and seasonal agricultural forecasting; and

(vi) military uses; and

(B) to the extent possible, the qualified value and impact of the natural capital of the Great Lakes, oceans, bays, estuaries, and coasts with respect to tourism, recreation, natural resources, and cultural heritage, including other indirect values.

#### (d) Centralized website for resiliency grants

##### (1) In general

Not later than 180 days after December 23, 2022, the Administrator, in coordination with the heads of other relevant Federal agencies, shall create and regularly update a public website to improve education, outreach, and public information regarding grants and other public funding opportunities of the Administration related to resiliency.

##### (2) Contents of website

The website created under paragraph (1) shall include the following:

(A) Hyperlinks, descriptions, deadlines, and resources to support applicants including technical assistance and other information as the Administrator determines appropriate relating to resiliency grants administered by—

(i) the Administration;

(ii) other relevant Federal agencies; or

(iii) foundations in coordination with the Administration.

(B) Information described in subparagraph (A) that is specific to supporting Tribal Governments and Tribal Colleges and Universities, and, with respect to each grant described in paragraph (1), the contact information for an individual of the Administra-

tion who can assist Tribal Governments and Tribal Colleges and Universities in applying for such grants.

(C) Information described in subparagraph (A) that is specific to supporting Historically Black Colleges and Universities, and, with respect to each such grant described in paragraph (1), the contact information for an individual of the Administration who can assist Historically Black Colleges and Universities in applying for such grants.

#### (3) Outreach

The Administrator shall conduct outreach activities to inform State, Tribal, and local governments of resiliency, adaptation, and mitigation grants that are available to such governments.

#### (4) Definitions

In this section:

##### (A) Historically Black Colleges and Universities

The term “Historically Black Colleges and Universities” has the meaning given the term “part B institution” in section 1061 of title 20.

##### (B) Tribal College or University

The term “Tribal College or University” has the meaning given the term in section 1059c of title 20.

(Pub. L. 117–263, div. J, title CI, § 10105, Dec. 23, 2022, 136 Stat. 3959.)

#### Editorial Notes

##### CODIFICATION

Section was enacted as part of the James M. Inhofe National Defense Authorization Act for Fiscal Year 2023, and not as part of the Integrated Coastal and Ocean Observation System Act of 2009 which comprises this chapter.

#### Statutory Notes and Related Subsidiaries

##### DEFINITIONS

For definitions of “Administrator”, “Administration”, and “Indian Tribe” as used in this section, see section 10102 of Pub. L. 117–263, set out as a note under section 3612 of this title.

#### CHAPTER 50—FEDERAL OCEAN ACIDIFICATION RESEARCH AND MONITORING

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#### § 3701. Purposes

The purposes of this chapter are to provide for—

(1) development coordination<sup>1</sup> and implementation of a comprehensive interagency plan to—

<sup>1</sup> So in original.

(A) monitor and conduct research on the processes and consequences of ocean acidification and coastal acidification on marine organisms and ecosystems; and

(B) maintain and advise an interagency research, monitoring, and public outreach program on ocean acidification and coastal acidification;

(2) maintenance of an ocean acidification program within the National Oceanic and Atmospheric Administration;

(3) assessment and consideration of regional and national ecosystem and socioeconomic impacts of increased ocean acidification and coastal acidification; and

(4) research adaptation strategies and mitigating the impacts of ocean and coastal acidification and related co-stressors on marine ecosystems.

(Pub. L. 111–11, title XII, §12402, Mar. 30, 2009, 123 Stat. 1436; Pub. L. 117–167, div. B, title VI, §10642, Aug. 9, 2022, 136 Stat. 1672.)

### Editorial Notes

#### AMENDMENTS

2022—Pub. L. 117–167, §10642(b), struck out subsec. (a) designation and heading “Purposes” before “The purposes” in introductory provisions.

Subsec. (a)(1). Pub. L. 117–167, §10642(a)(1), substituted “development coordination and implementation” for “development and coordination” in introductory provisions, “acidification and coastal acidification on marine organisms” for “acidification on marine organisms” in subpar. (A), and “maintain and advise an interagency research, monitoring, and public outreach program on ocean acidification and coastal acidification;” for “establish an interagency research and monitoring program on ocean acidification;” in subpar. (B).

Subsec. (a)(2). Pub. L. 117–167, §10642(a)(2), substituted “maintenance” for “establishment”.

Subsec. (a)(3). Pub. L. 117–167, §10642(a)(3), inserted “and coastal acidification” after “ocean acidification”.

Subsec. (a)(4). Pub. L. 117–167, §10642(a)(4), substituted “mitigating the impacts of ocean and coastal acidification and related co-stressors on marine ecosystems.” for “techniques for effectively conserving marine ecosystems as they cope with increased ocean acidification.”

### Statutory Notes and Related Subsidiaries

#### SHORT TITLE OF 2022 AMENDMENT

Pub. L. 117–167, div. B, title VI, §10641, Aug. 9, 2022, 136 Stat. 1672, provided that: “This subtitle [subtitle E (§§10641–10649) of title VI of div. B of Pub. L. 117–167, amending this section and sections 3702 to 3708 of this title] may be cited as the ‘Coastal and Ocean Acidification Research and Innovation Act of 2021’.”

#### SHORT TITLE

Pub. L. 111–11, title XII, §12401, Mar. 30, 2009, 123 Stat. 1436, provided that: “This subtitle [subtitle D (§§12401–12409) of title XII of Pub. L. 111–11, enacting this chapter] may be cited as the ‘Federal Ocean Acidification Research And Monitoring Act of 2009’ or the ‘FOARAM Act’.”

### § 3702. Definitions

In this chapter:

#### (1) Coastal acidification

The term “coastal acidification” means the decrease in pH and changes in the water chem-

istry of coastal oceans, estuaries, and Great Lakes from atmospheric pollution, freshwater inputs, and excess nutrient run-off from land.

#### (2) Ocean acidification

The term “ocean acidification” means the decrease in pH and changes in the water chemistry of the Earth’s oceans, coastal estuaries, marine waterways, and Great Lakes caused by carbon dioxide from the atmosphere and the breakdown of organic matter.

#### (3) Secretary

The term “Secretary” means the Secretary of Commerce, acting through the Administrator of the National Oceanic and Atmospheric Administration.

#### (4) Subcommittee

The term “Subcommittee” means the National Science and Technology Council Subcommittee on Ocean Science and Technology.

#### (5) State

The term “State” means each State of the United States, the District of Columbia, the Commonwealth of Puerto Rico, American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, the Virgin Islands of the United States, and any other territory or possession of the United States.

(Pub. L. 111–11, title XII, §12403, Mar. 30, 2009, 123 Stat. 1437; Pub. L. 117–167, div. B, title VI, §10643, Aug. 9, 2022, 136 Stat. 1672.)

### Editorial Notes

#### AMENDMENTS

2022—Par. (1). Pub. L. 117–167, §10643(4), added par. (1). Former par. (1) redesignated (2).

Pub. L. 117–167, §10643(1), substituted “and changes in the water chemistry of the Earth’s oceans, coastal estuaries, marine waterways, and Great Lakes caused by carbon dioxide from the atmosphere and the breakdown of organic matter” for “of the Earth’s oceans and changes in ocean chemistry caused by chemical inputs from the atmosphere, including carbon dioxide”.

Par. (2). Pub. L. 117–167, §10643(3), redesignated par. (1) as (2). Former par. (2) redesignated (3).

Par. (3). Pub. L. 117–167, §10643(3), redesignated par. (2) as (3). Former par. (3) redesignated (4).

Pub. L. 117–167, §10643(2), substituted “National Science and Technology Council Subcommittee on Ocean Science and Technology” for “Joint Subcommittee on Ocean Science and Technology of the National Science and Technology Council”.

Par. (4). Pub. L. 117–167, §10643(3), redesignated par. (3) as (4).

Par. (5). Pub. L. 117–167, §10643(5), added par. (5).

### § 3703. Interagency working group

#### (a) Designation

##### (1) In general

The Subcommittee shall coordinate Federal activities on ocean and coastal acidification and establish and maintain an interagency working group.

##### (2) Membership

The interagency working group on ocean acidification shall be comprised of senior representatives from the National Oceanic and Atmospheric Administration, the National Science Foundation, the National Aeronautics