

named storm is made under subparagraph (A)” and “under subparagraph (D) for any coastal State that suffered such indeterminate losses” for “for such storm under subparagraph (B)”.

Pub. L. 116-271, §201(a)(2)(B)(i), redesignated subpar. (C) as (E).

Subsec. (b)(2)(F). Pub. L. 116-271, §201(a)(2)(B)(v), added subpar. (F).

Subsec. (c)(1). Pub. L. 116-271, §201(a)(3)(A), substituted “December 31, 2020” for “540 days after July 6, 2012”.

Subsec. (c)(2). Pub. L. 116-271, §201(a)(3)(B), inserted “, in the discretion of the Administrator,” after “of sensors as may”.

Subsec. (c)(4)(B). Pub. L. 116-271, §201(a)(3)(C), inserted “and expend” after “receive”.

### § 3612. Accelerating innovation at Cooperative Institutes

#### (a) Focus on emerging technologies

The Administrator shall consider evaluating the goals of 1 or more Cooperative Institutes of the Administration to include focusing on advancing or applying emerging technologies, which may include—

(1) applied uses and development of real-time and other advanced genetic technologies and applications, including such technologies and applications that derive genetic material directly from environmental samples without any obvious signs of biological source material;

(2) deployment of, and improvements to the durability, maintenance, and other lifecycle concerns of, advanced unmanned vehicles, regional small research vessels, and other research vessels that support and launch unmanned vehicles and sensors; and

(3) supercomputing and big data management, including data collected through model outputs, electronic monitoring, and remote sensing.

#### (b) Coordination with other programs

The Cooperative Institutes shall work with the Interagency Ocean Observation Committee, the regional associations of the Integrated Ocean Observing System, and other ocean observing programs to coordinate technology needs and the transition of new technologies from research to operations.

(Pub. L. 117-263, div. J, title CI, §10104, Dec. 23, 2022, 136 Stat. 3958.)

#### 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

##### PURPOSE

Pub. L. 117-263, div. J, title CI, §10101, Dec. 23, 2022, 136 Stat. 3957, provided that: “The purpose of this title [enacting this section and section 3613 of this title, amending section 893c of this title, and enacting provisions set out as notes under this section] is to promote and support—

“(1) the monitoring, understanding, and exploration of the Great Lakes, oceans, bays, estuaries, and coasts; and

“(2) the collection, analysis, synthesis, and sharing of data related to the Great Lakes, oceans, bays, estuaries, and coasts to facilitate scientific research and operational decisionmaking.”

##### NO ADDITIONAL FUNDS AUTHORIZED

Pub. L. 117-263, div. J, title CI, §10106, Dec. 23, 2022, 136 Stat. 3961, provided that: “Funds to carry out this title [enacting this section and section 3613 of this title, amending section 893c of this title, and enacting provisions set out as notes under this section] may, as provided in advance in appropriations Acts, only come from within amounts authorized to be appropriated to the National Oceanic and Atmospheric Administration.”

##### DEFINITIONS

Pub. L. 117-263, div. J, title CI, §10102, Dec. 23, 2022, 136 Stat. 3957, provided that: “In this title [enacting this section and section 3613 of this title, amending section 893c of this title, and enacting provisions set out as notes under this section]:

“(1) ADMINISTRATION.—The term ‘Administration’ means the National Oceanic and Atmospheric Administration.

“(2) ADMINISTRATOR.—The term ‘Administrator’ means the Under Secretary of Commerce for Oceans and Atmosphere in the capacity as Administrator of the National Oceanic and Atmospheric Administration.

“(3) INDIAN TRIBE.—The term ‘Indian Tribe’ has the meaning given the term in section 4 of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 5304).”

### § 3613. Blue Economy valuation

#### (a) Measurement of industries

The Administrator, in consultation with the heads of other relevant Federal agencies and subject to the availability of appropriations, shall establish a program to improve the collection, aggregation, and analysis of data to measure the value and impact of industries related to the Great Lakes, oceans, bays, estuaries, and coasts on the economy of the United States, including military uses, living resources, marine construction, marine transportation, offshore energy development and siting including for renewable energy, offshore mineral production, ship and boat building, tourism, recreation, subsistence, commercial, recreational, and charter fishing, seafood processing, and other fishery-related businesses, aquaculture such as kelp and shellfish, and other industries the Administrator determines appropriate.

#### (b) Collaboration

In carrying out subsection (a), the Administrator shall—

(1) work with the Director of the Bureau of Economic Analysis and the heads of other relevant Federal agencies to develop a Coastal and Ocean Economy Satellite Account that includes national, Tribal, and State-level statistics to measure the contribution of the Great Lakes, oceans, bays, estuaries, and coasts to the overall economy of the United States; and

(2) collaborate with national and international organizations and governments to promote consistency of methods, measurements, and definitions to ensure comparability of results between countries.

#### (c) Report

Not later than 2 years after December 23, 2022, and not less frequently than every 2 years there-

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

Sec.	
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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.