

(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