

the Intergovernmental Oceanographic Commission, the World Meteorological Organization, and other international entities, as part of international efforts to develop a fully functional global tsunami forecast and warning system comprising regional tsunami warning networks, modeled on the International Tsunami Warning System of the Pacific.”

Subsec. (b). Pub. L. 115-25, §507(2), in introductory provisions, substituted “may operate” for “shall operate” and “the Center may” for “the Center shall”.

Subsec. (c)(1). Pub. L. 115-25, §507(3)(A), substituted “supporting” for “establishing”.

Subsec. (c)(2). Pub. L. 115-25, §507(3)(B), substituted “support” for “establish” and “supporting” for “establishing”.

### § 3206a. Tsunami Science and Technology Advisory Panel

#### (a) Designation

The Administrator shall designate an existing working group within the Science Advisory Board of the Administration to serve as the Tsunami Science and Technology Advisory Panel to provide advice to the Administrator on matters regarding tsunami science, technology, and regional preparedness.

#### (b) Membership

##### (1) Composition

The Panel shall be composed of no fewer than 7 members selected by the Administrator from among individuals from academia or State agencies who have academic or practical expertise in physical sciences, social sciences, information technology, coastal resilience, emergency management, or such other disciplines as the Administrator considers appropriate.

##### (2) Federal employment

No member of the Panel may be a Federal employee.

#### (c) Responsibilities

Not less frequently than once every 4 years, the Panel shall—

(1) review the activities of the Administration, and other Federal activities as appropriate, relating to tsunami research, detection, forecasting, warning, mitigation, resiliency, and preparation; and

(2) submit to the Administrator and such others as the Administrator considers appropriate—

(A) the findings of the working group with respect to the most recent review conducted under paragraph (1); and

(B) such recommendations for legislative or administrative action as the working group considers appropriate to improve Federal tsunami research, detection, forecasting, warning, mitigation, resiliency, and preparation.

#### (d) Reports to Congress

Not less frequently than once every 4 years, the Administrator shall submit to the Committee on Commerce, Science, and Transportation of the Senate, and the Committee on Science, Space, and Technology of the House of Representatives a report on the findings and recommendations received by the Administrator under subsection (c)(2).

(Pub. L. 109-479, title VIII, §808, as added Pub. L. 115-25, title V, §508(a)(2), Apr. 18, 2017, 131 Stat. 125.)

### Editorial Notes

#### PRIOR PROVISIONS

A prior section 808 of Pub. L. 109-479 was renumbered section 809 and is classified to section 3207 of this title.

### § 3207. Authorization of appropriations

There are authorized to be appropriated to the Administrator to carry out this chapter—

(1) \$25,000,000 for fiscal year 2008, of which—

(A) not less than 27 percent of the amount appropriated shall be for the tsunami hazard mitigation program under section 3204 of this title; and

(B) not less than 8 percent of the amount appropriated shall be for the tsunami research program under section 3205 of this title;

(2) \$26,000,000 for fiscal year 2009, of which—

(A) not less than 27 percent of the amount appropriated shall be for the tsunami hazard mitigation program under section 3204 of this title; and

(B) not less than 8 percent of the amount appropriated shall be for the tsunami research program under section 3205 of this title;

(3) \$27,000,000 for fiscal year 2010, of which—

(A) not less than 27 percent of the amount appropriated shall be for the tsunami hazard mitigation program under section 3204 of this title; and

(B) not less than 8 percent of the amount appropriated shall be for the tsunami research program under section 3205 of this title;

(4) \$28,000,000 for fiscal year 2011, of which—

(A) not less than 27 percent of the amount appropriated shall be for the tsunami hazard mitigation program under section 3204 of this title; and

(B) not less than 8 percent of the amount appropriated shall be for the tsunami research program under section 3205 of this title;

(5) \$29,000,000 for fiscal year 2012, of which—

(A) not less than 27 percent of the amount appropriated shall be for the tsunami hazard mitigation program under section 3204 of this title; and

(B) not less than 8 percent of the amount appropriated shall be for the tsunami research program under section 3205 of this title; and

(6) \$25,800,000 for each of fiscal years 2016 through 2021, of which—

(A) not less than 27 percent of the amount appropriated for each fiscal year shall be for activities conducted at the State level under the tsunami hazard mitigation program under section 3204 of this title; and

(B) not less than 8 percent of the amount appropriated shall be for the tsunami research program under section 3205 of this title.

(Pub. L. 109-424, § 8, Dec. 20, 2006, 120 Stat. 2908; Pub. L. 109-479, title VIII, § 809, formerly § 808, Jan. 12, 2007, 120 Stat. 3660; renumbered § 809 and amended Pub. L. 115-25, title V, §§ 508(a)(1), 510, 512(a), Apr. 18, 2017, 131 Stat. 124, 127, 128.)

**Editorial Notes**

**CODIFICATION**

Pub. L. 109-424 and title VIII of Pub. L. 109-479 enacted substantially identical sections. Pub. L. 109-424 was repealed by section 512(a) of Pub. L. 115-25.

**AMENDMENTS**

2017—Par. (6). Pub. L. 115-25, § 510, which directed the addition of par. (6) to this section “as redesignated by section \_\_08(a)(1)” of Pub. L. 115-25, was executed by adding par. (6) to this section as redesignated by section 508(a)(1) of Pub. L. 115-25, to reflect the probable intent of Congress.

**§ 3208. Outreach responsibilities**

The Administrator of the National Oceanic and Atmospheric Administration, in coordination with State and local emergency managers, shall develop and carry out formal outreach activities to improve tsunami education and awareness and foster the development of resilient communities. Outreach activities may include—

- (1) the development of outreach plans to ensure the close integration of tsunami warning centers supported or maintained under section 3203(d) of this title, as amended by this Act, with local Weather Forecast Offices of the National Weather Service and emergency managers;
- (2) working with appropriate local Weather Forecast Offices to ensure they have the technical knowledge and capability to disseminate tsunami warnings to the communities they serve; and
- (3) evaluating the effectiveness of warnings and of coordination with local Weather Forecast Offices after significant tsunami events.

(Pub. L. 115-25, title V, § 511, Apr. 18, 2017, 131 Stat. 127.)

**Editorial Notes**

**REFERENCES IN TEXT**

Section 3203(d) of this title, as amended by this Act, referred to in par. (1), means section 3203(d) of this title, as amended by Pub. L. 115-25.

**CODIFICATION**

Section was enacted as part of the Tsunami Warning, Education, and Research Act of 2017, and also as part of the Weather Research and Forecasting Innovation Act of 2017, and not as part of the Tsunami Warning and Education Act which comprises this chapter.

**Statutory Notes and Related Subsidiaries**

**DEFINITIONS**

For definition of “State” as used in this section, see section 8501 of Title 15, Commerce and Trade.

**CHAPTER 46—NATIONAL LEVEE SAFETY PROGRAM**

Sec.  
3301. Definitions.

Sec.  
3302. Committee on Levee Safety.  
3303. Inventory and inspection of levees.  
3303a. Levee safety initiative.  
3303b. Reports.  
3304. Limitations on statutory construction.  
3305. Authorization of appropriations.  
3306. Certain levee improvements.  
3307. Assessment of Corps of Engineers levees.

**§ 3301. Definitions**

In this chapter, the following definitions apply:

**(1) Administrator**

The term “Administrator” means the Administrator of the Federal Emergency Management Agency.

**(2) Canal structure**

**(A) In general**

The term “canal structure” means an embankment, wall, or structure along a canal or manmade watercourse that—

- (i) constrains water flows;
- (ii) is subject to frequent water loading; and
- (iii) is an integral part of a flood risk reduction system that protects the leveed area from flood waters associated with hurricanes, precipitation events, seasonal high water, and other weather-related events.

**(B) Exclusion**

The term “canal structure” does not include a barrier across a watercourse.

**(3) Committee**

The term “committee” means the Committee on Levee Safety established by section 3302(a) of this title.

**(4) Floodplain management**

The term “floodplain management” means the operation of a community program of corrective and preventative measures for reducing flood damage.

**(5) Indian tribe**

The term “Indian tribe” has the meaning given the term in section 5304 of title 25.

**(6) Inspection**

The term “inspection” means an actual inspection of a levee—

- (A) to establish the global information system location of the levee;
- (B) to determine the general condition of the levee; and
- (C) to estimate the number of structures and population at risk and protected by the levee that would be adversely impacted if the levee fails or water levels exceed the height of the levee.

**(7) Levee**

**(A) In general**

The term “levee” means a manmade barrier (such as an embankment, floodwall, or other structure)—

- (i) the primary purpose of which is to provide hurricane, storm, or flood protection relating to seasonal high water, storm