

person shall consult with the Chairperson of the Federal Geographic Data Committee (established pursuant to Office of Management and Budget Circular A-16).

(g) Compensation

Members of the Council shall receive no additional compensation by reason of their service on the Council.

(h) Meetings and actions

(1) In general

The Council shall meet not less frequently than twice each year at the request of the Chairperson or a majority of its members, and may take action by a vote of the majority of the members.

(2) Initial meeting

The Administrator, or a person designated by the Administrator, shall request and coordinate the initial meeting of the Council.

(i) Officers

The Chairperson may appoint officers to assist in carrying out the duties of the Council under subsection (c).

(j) Staff

(1) Staff of FEMA

Upon the request of the Chairperson, the Administrator may detail, on a nonreimbursable basis, personnel of the Federal Emergency Management Agency to assist the Council in carrying out its duties.

(2) Staff of other Federal agencies

Upon request of the Chairperson, any other Federal agency that is a member of the Council may detail, on a nonreimbursable basis, personnel to assist the Council in carrying out its duties.

(k) Powers

In carrying out this section, the Council may hold hearings, receive evidence and assistance, provide information, and conduct research, as it considers appropriate.

(l) Report to Congress

The Administrator, on an annual basis, shall report to the Committee on Banking, Housing, and Urban Affairs of the Senate, the Committee on Financial Services of the House of Representatives, and the Office of Management and Budget on the—

- (1) recommendations made by the Council;
- (2) actions taken by the Federal Emergency Management Agency to address such recommendations to improve flood insurance rate maps and flood risk data; and
- (3) any recommendations made by the Council that have been deferred or not acted upon, together with an explanatory statement.

(Pub. L. 112-141, div. F, title II, §100215, July 6, 2012, 126 Stat. 924.)

CODIFICATION

Section was enacted as part of the Biggert-Waters Flood Insurance Reform Act of 2012, and also as part of the Moving Ahead for Progress in the 21st Century Act, also known as the MAP-21, and not as part of the National Flood Insurance Act of 1968 which comprises this chapter.

DEFINITIONS

For definitions of terms used in this section, see section 4004 of this title.

§ 4101b. National Flood Mapping Program

(a) Reviewing, updating, and maintaining maps

The Administrator, in coordination with the Technical Mapping Advisory Council established under section 4101a of this title, shall establish an ongoing program under which the Administrator shall review, update, and maintain National Flood Insurance Program rate maps in accordance with this section.

(b) Mapping

(1) In general

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

(A) identify, review, update, maintain, and publish National Flood Insurance Program rate maps with respect to—

- (i) all populated areas and areas of possible population growth located within the 100-year floodplain;
- (ii) all populated areas and areas of possible population growth located within the 500-year floodplain;
- (iii) areas of residual risk, including areas that are protected by levees, dams, and other flood control structures;
- (iv) areas that could be inundated as a result of the failure of a levee, dam, or other flood control structure; and
- (v) the level of protection provided by flood control structures;

(B) establish or update flood-risk zone data in all such areas, and make estimates with respect to the rates of probable flood caused loss for the various flood risk zones for each such area; and

(C) use, in identifying, reviewing, updating, maintaining, or publishing any National Flood Insurance Program rate map required under this section or under the National Flood Insurance Act of 1968 (42 U.S.C. 4011 et seq.), the most accurate topography and elevation data available.

(2) Mapping elements

Each map updated under this section shall—

(A) assess the accuracy of current ground elevation data used for hydrologic and hydraulic modeling of flooding sources and mapping of the flood hazard and wherever necessary acquire new ground elevation data utilizing the most up-to-date geospatial technologies in accordance with guidelines and specifications of the Federal Emergency Management Agency; and

(B) develop National Flood Insurance Program flood data on a watershed basis—

- (i) to provide the most technically effective and efficient studies and hydrologic and hydraulic modeling; and
- (ii) to eliminate, to the maximum extent possible, discrepancies in base flood elevations between adjacent political subdivisions.

(3) Other inclusions

In updating maps under this section, the Administrator shall include—

(A) any relevant information on coastal inundation from—

- (i) an applicable inundation map of the Corps of Engineers; and
- (ii) data of the National Oceanic and Atmospheric Administration relating to storm surge modeling;

(B) any relevant information of the United States Geological Survey on stream flows, watershed characteristics, and topography that is useful in the identification of flood hazard areas, as determined by the Administrator;

(C) any relevant information on land subsidence, coastal erosion areas, changing lake levels, and other flood-related hazards;

(D) any relevant information or data of the National Oceanic and Atmospheric Administration and the United States Geological Survey relating to the best available science regarding future changes in sea levels, precipitation, and intensity of hurricanes; and

(E) any other relevant information as may be recommended by the Technical Mapping Advisory Committee.

(c) Standards

In updating and maintaining maps under this section, the Administrator shall—

- (1) establish standards to—
 - (A) ensure that maps are adequate for—
 - (i) flood risk determinations; and
 - (ii) use by State and local governments in managing development to reduce the risk of flooding; and
 - (B) facilitate identification and use of consistent methods of data collection and analysis by the Administrator, in conjunction with State and local governments, in developing maps for communities with similar flood risks, as determined by the Administrator; and
- (2) publish maps in a format that is—
 - (A) digital geospatial data compliant;
 - (B) compliant with the open publishing and data exchange standards established by the Open Geospatial Consortium; and
 - (C) aligned with official data defined by the National Geodetic Survey.

(d) Communication and outreach

(1) In general

The Administrator shall—

(A) work to enhance communication and outreach to States, local communities, and property owners about the effects—

- (i) of any potential changes to National Flood Insurance Program rate maps that may result from the mapping program required under this section; and
- (ii) that any such changes may have on flood insurance purchase requirements;

(B) engage with local communities to enhance communication and outreach to the residents of such communities, including tenants (with regard to contents insurance), on the matters described under subparagraph (A); and

(C) upon the issuance of any proposed map and any notice of an opportunity to make an

appeal relating to the proposed map, notify the Senators for each State affected and each Member of the House of Representatives for each congressional district affected by the proposed map of any action taken by the Administrator with respect to the proposed map or an appeal relating to the proposed map.

(2) Required activities

The communication and outreach activities required under paragraph (1) shall include—

(A) notifying property owners when their properties become included in, or when they are excluded from, an area covered by the mandatory flood insurance purchase requirement under section 4012a of this title;

(B) educating property owners regarding the flood risk and reduction of this risk in their community, including the continued flood risks to areas that are no longer subject to the flood insurance mandatory purchase requirement;

(C) educating property owners regarding the benefits and costs of maintaining or acquiring flood insurance, including, where applicable, lower-cost preferred risk policies under the National Flood Insurance Act of 1968 (42 U.S.C. 4011 et seq.) for such properties and the contents of such properties;

(D) educating property owners about flood map revisions and the process available to such owners to appeal proposed changes in flood elevations through their community, including by notifying local radio and television stations; and

(E) encouraging property owners to maintain or acquire flood insurance coverage.

(e) Community remapping request

Upon the adoption by the Administrator of any recommendation by the Technical Mapping Advisory Council for reviewing, updating, or maintaining National Flood Insurance Program rate maps in accordance with this section, a community that believes that its flood insurance rates in effect prior to adoption would be affected by the adoption of such recommendation may submit a request for an update of its rate maps, which may be considered at the Administrator's sole discretion. The Administrator shall establish a protocol for the evaluation of such community map update requests.

(f) Authorization of appropriations

There is authorized to be appropriated to the Administrator to carry out this section \$400,000,000 for each of fiscal years 2013 through 2017.

(Pub. L. 112-141, div. F, title II, §100216, July 6, 2012, 126 Stat. 927.)

REFERENCES IN TEXT

The National Flood Insurance Act of 1968, referred to in subsecs. (b)(1)(C) and (d)(2)(C), is title XIII of Pub. L. 90-448, Aug. 1, 1968, 82 Stat. 572, which is classified principally to this chapter. For complete classification of this Act to the Code, see Short Title note set out under section 4001 of this title and Tables.

CODIFICATION

Section was enacted as part of the Biggert-Waters Flood Insurance Reform Act of 2012, and also as part of

the Moving Ahead for Progress in the 21st Century Act, also known as the MAP-21, and not as part of the National Flood Insurance Act of 1968 which comprises this chapter.

DEFINITIONS

For definitions of terms used in this section, see section 4004 of this title.

§ 4101c. Coordination

(a) Interagency budget crosscut and coordination report

(1) In general

The Secretary of Homeland Security, the Administrator, the Director of the Office of Management and Budget, and the heads of each Federal department or agency carrying out activities under sections 4101a and 4101b of this title shall work together to ensure that flood risk determination data and geospatial data are shared among Federal agencies in order to coordinate the efforts of the Nation to reduce its vulnerability to flooding hazards.

(2) Report

Not later than 30 days after the submission of the budget of the United States Government by the President to Congress, the Director of the Office of Management and Budget, in coordination with the Federal Emergency Management Agency, the United States Geological Survey, the National Oceanic and Atmospheric Administration, the Corps of Engineers, and other Federal agencies, as appropriate, shall submit to the appropriate authorizing and appropriating committees of the Senate and the House of Representatives an interagency budget crosscut and coordination report, certified by the Secretary or head of each such agency, that—

(A) contains an interagency budget crosscut report that displays relevant sections of the budget proposed for each of the Federal agencies working on flood risk determination data and digital elevation models, including any planned interagency or intra-agency transfers; and

(B) describes how the efforts aligned with such sections complement one another.

(b) Duties of the Administrator

In carrying out sections 4101a and 4101b of this title, the Administrator shall—

(1) participate, pursuant to section 216 of the E-Government Act of 2002 (44 U.S.C. 3501 note), in the establishment of such standards and common protocols as are necessary to assure the interoperability of geospatial data for all users of such information;

(2) coordinate with, seek assistance and cooperation of, and provide a liaison to the Federal Geographic Data Committee pursuant to the Office of Management and Budget Circular A-16 and Executive Order 12906 (43 U.S.C. 1457 note; relating to the National Spatial Data Infrastructure) for the implementation of and compliance with such standards;

(3) integrate with, leverage, and coordinate funding of, to the maximum extent practicable, the current flood mapping activities of each unit of State and local government;

(4) integrate with, leverage, and coordinate, to the maximum extent practicable, the current geospatial activities of other Federal agencies and units of State and local government; and

(5) develop a funding strategy to leverage and coordinate budgets and expenditures, and to maintain or establish joint funding and other agreement mechanisms with other Federal agencies and units of State and local government to share in the collection and utilization of geospatial data among all governmental users.

(Pub. L. 112-141, div. F, title II, § 100220, July 6, 2012, 126 Stat. 932.)

REFERENCES IN TEXT

Section 216 of the E-Government Act of 2002, referred to in subsec. (b)(1), is section 216 of Pub. L. 107-347, which is set out in a note under section 3501 of Title 44, Public Printing and Documents.

Executive Order 12906, referred to in subsec. (b)(2), is Ex. Ord. No. 12906, Apr. 11, 1994, 59 F.R. 17671, which is set out as a note under section 1457 of Title 43, Public Lands.

CODIFICATION

Section was enacted as part of the Biggert-Waters Flood Insurance Reform Act of 2012, and also as part of the Moving Ahead for Progress in the 21st Century Act, also known as the MAP-21, and not as part of the National Flood Insurance Act of 1968 which comprises this chapter.

DEFINITIONS

For definitions of terms used in this section, see section 4004 of this title.

§ 4102. Criteria for land management and use

(a) Studies and investigations

The Administrator is authorized to carry out studies and investigations, utilizing to the maximum extent practicable the existing facilities and services of other Federal departments or agencies, and State and local governmental agencies, and any other organizations, with respect to the adequacy of State and local measures in flood-prone areas as to land management and use, flood control, flood zoning, and flood damage prevention, and may enter into any contracts, agreements, or other appropriate arrangements to carry out such authority.

(b) Extent of studies and investigations

Such studies and investigations shall include, but not be limited to, laws, regulations, or ordinances relating to encroachments and obstructions on stream channels and floodways, the orderly development and use of flood plains of rivers or streams, floodway encroachment lines, and flood plain zoning, building codes, building permits, and subdivision or other building restrictions.

(c) Development of comprehensive criteria designed to encourage adoption of adequate State and local measures

On the basis of such studies and investigations, and such other information as he deems necessary, the Administrator shall from time to time develop comprehensive criteria designed to encourage, where necessary, the adoption of ade-