

Subsec. (b)(2). Pub. L. 105-36, §3(b)(2)(C)(i), inserted heading.

Subsec. (b)(2)(A). Pub. L. 105-36, §3(b)(2)(C)(ii), substituted "Association" for "State geological surveys".

Subsec. (c)(2). Pub. L. 105-36, §3(b)(3)(A), substituted "interpretative information" for "interpretive information".

Subsec. (c)(4). Pub. L. 105-36, §3(b)(3)(B), substituted "public awareness of" for "public awareness for".

Subsec. (d)(1). Pub. L. 105-36, §3(b)(4)(A), inserted heading.

Subsec. (d)(2). Pub. L. 105-36, §3(b)(4)(B)(i), inserted heading.

Subsec. (d)(2)(D). Pub. L. 105-36, §3(b)(4)(B)(ii), added subpar. (D) and struck out former subpar. (D) which read as follows: "geochronologic and isotopic investigations that (i) provide radiometric age dates for geologic-map units and (ii) fingerprint the geothermometry, geobarometry, and alteration history of geologic-map units, which investigations shall be contributed to a national geochronologic data base;".

Subsec. (d)(3). Pub. L. 105-36, §3(b)(4)(C), inserted heading.

Subsec. (d)(4). Pub. L. 105-36, §3(b)(4)(D), added par. (4) and struck out former par. (4) which read as follows: "A geologic mapping education component, whose objective shall be—

"(A) to develop the academic programs that teach earth-science students the fundamental principles of geologic mapping and field analysis; and

"(B) to provide for broad education in geologic mapping and field analysis through support of field teaching institutes.

Investigations conducted under the geologic mapping education component shall be integrated with the other mapping components of the geologic mapping program, and shall respond to priorities identified for those components."

1994—Subsec. (b)(1)(A), (C). Pub. L. 103-437 substituted "Natural Resources" for "Interior and Insular Affairs" before "of the House".

#### CHANGE OF NAME

Committee on Resources of House of Representatives changed to Committee on Natural Resources of House of Representatives by House Resolution No. 6, One Hundred Tenth Congress, Jan. 5, 2007.

### § 31d. Advisory committee

#### (a) Establishment

##### (1) In general

There shall be established a 11-member geologic mapping advisory committee to advise the Director on planning and implementation of the geologic mapping program.

##### (2) Members *ex officio*

Federal agency members shall include the Administrator of the Environmental Protection Agency or a designee, the Secretary of the Interior or a designee from a land management agency of the Department of the Interior, the Secretary of Energy or a designee, and the Secretary of Agriculture or a designee.

##### (3) Appointed members

In consultation with the Association, the Secretary shall appoint to the advisory committee two representatives from the Survey (including the Associate Director for Geology, as Chair), two representatives from the State geological surveys, one representative from academia, and 2 representatives from the private sector.

#### (b) Duties

The advisory committee shall—

(1) review and update the 5-year plan prepared by the Director pursuant to section 31e of this title;

(2) review the scientific progress of the geologic mapping program;

(3) provide a scientific overview of geologic maps (including maps of geologic-based hazards) used or disseminated by Federal agencies for regulation or land-use planning; and

(4) submit an annual report to the Secretary that evaluates the progress of the Federal, State, and university mapping activities and evaluates the progress made toward fulfilling the purposes of sections 31c through 31f of this title.

(Pub. L. 102-285, §5, May 18, 1992, 106 Stat. 169; Pub. L. 105-36, §3(c), Aug. 5, 1997, 111 Stat. 1110; Pub. L. 106-148, §5, Dec. 9, 1999, 113 Stat. 1722; Pub. L. 111-11, title XI, §11001(f), Mar. 30, 2009, 123 Stat. 1415.)

#### AMENDMENTS

2009—Subsec. (a)(1). Pub. L. 111-11, §11001(f)(3), substituted "11-member" for "10-member".

Subsec. (a)(2). Pub. L. 111-11, §11001(f)(1)(A), inserted "the Secretary of the Interior or a designee from a land management agency of the Department of the Interior," after "Administrator of the Environmental Protection Agency or a designee," inserted "and" after "Energy or a designee," and struck out "and the Assistant to the President for Science and Technology or a designee" before period at end.

Subsec. (a)(3). Pub. L. 111-11, §11001(f)(1)(B), substituted "In consultation" for "Not later than 1 year after December 9, 1999, in consultation", "Associate Director for Geology, as Chair" for "Chief Geologist, as Chairman", and "2 representatives from the private sector" for "one representative from the private sector".

Subsec. (b)(3), (4). Pub. L. 111-11, §11001(f)(2), added par. (3) and redesignated former par. (3) as (4).

1999—Subsec. (a)(3). Pub. L. 106-148, §5(1), substituted "1 year after December 9, 1999," for "90 days after August 5, 1997,".

Subsec. (b)(1). Pub. L. 106-148, §5(2)(A), substituted "update the 5-year plan" for "critique the draft implementation plan".

Subsec. (b)(3). Pub. L. 106-148, §5(2)(B), substituted "sections 31c through 31f of this title" for "sections 31a to 31h of this title".

1997—Subsec. (a). Pub. L. 105-36, §3(c)(1), added subsec. (a) and struck out heading and text of former subsec. (a). Text read as follows: "There shall be established a sixteen member geologic mapping advisory committee to advise the Director on planning and implementation of the geologic mapping program. The President shall appoint one representative each from the Environmental Protection Agency, the Department of Energy, the Department of Agriculture, and the Office of Science and Technology Policy. Within 90 days and with the advice and consultation of the State Geological Surveys, the Secretary shall appoint to the advisory committee 2 representatives from the Survey (including the Chief Geologist, as Chairman), 4 representatives from the State geological surveys, 3 representatives from academia, and 3 representatives from the private sector."

Subsec. (b)(3). Pub. L. 105-36, §3(c)(2), substituted "Federal, State, and university mapping activities" for "Federal and State mapping activities".

#### TERMINATION OF ADVISORY COMMITTEES

Advisory committees established after Jan. 5, 1973, to terminate not later than the expiration of the 2-year period beginning on the date of their establishment, unless, in the case of a committee established by the

President or an officer of the Federal Government, such committee is renewed by appropriate action prior to the expiration of such 2-year period, or in the case of a committee established by Congress, its duration is otherwise provided by law, see section 14 of Pub. L. 92-463, Oct. 6, 1972, 86 Stat. 776, set out in the Appendix to Title 5, Government Organization and Employees.

### § 31e. Geologic mapping program 5-year plan

#### (a) In general

The Secretary, acting through the Director, shall, with the advice and review of the advisory committee, prepare a 5-year plan for the geologic mapping program.

#### (b) Requirements

The 5-year plan shall identify—

(1) overall priorities for the geologic mapping program; and

(2) implementation of the overall management structure and operation of the geologic mapping program, including—

(A) the role of the Survey in the capacity of overall management lead, including the responsibility for developing the national geologic mapping program that meets Federal needs while fostering State needs;

(B) the responsibilities of the State geological surveys, with emphasis on mechanisms that incorporate the needs, missions, capabilities, and requirements of the State geological surveys, into the nationwide geologic mapping program;

(C) mechanisms for identifying short- and long-term priorities for each component of the geologic mapping program, including—

(i) for the Federal component, a priority-setting mechanism that responds to—

(I) Federal mission requirements for geologic map information;

(II) critical scientific problems that require geologic maps for their resolution; and

(III) shared Federal and State needs for geologic maps, in which joint Federal-State geologic mapping projects are in the national interest;

(ii) for the State component, a priority-setting mechanism that responds to—

(I) specific intrastate needs for geologic map information; and

(II) interstate needs shared by adjacent States that have common requirements; and

(iii) for the education component, a priority-setting mechanism that responds to requirements for geologic map information that are dictated by Federal and State mission requirements;

(D) a mechanism for adopting scientific and technical mapping standards for preparing and publishing general- and special-purpose geologic maps to—

(i) ensure uniformity of cartographic and scientific conventions; and

(ii) provide a basis for assessing the comparability and quality of map products; and

(E) a mechanism for monitoring the inventory of published and current mapping inves-

tigations nationwide to facilitate planning and information exchange and to avoid redundancy.

(Pub. L. 102-285, § 6, as added Pub. L. 106-148, § 6, Dec. 9, 1999, 113 Stat. 1722.)

#### PRIOR PROVISIONS

A prior section 31e, Pub. L. 102-285, § 6, May 18, 1992, 106 Stat. 170; Pub. L. 105-36, § 3(d), Aug. 5, 1997, 111 Stat. 1110, provided for the preparation of a geologic mapping program implementation plan, prior to repeal by Pub. L. 106-148, § 6, Dec. 9, 1999, 113 Stat. 1722.

### § 31f. National geologic map database

#### (a) Establishment

##### (1) In general

The Survey shall establish a national geologic-map database.

##### (2) Function

The database shall serve as a national catalog and archive, distributed through links to Federal and State geologic map holdings, that includes—

(A) all maps developed with funding provided by the National Cooperative Geologic Mapping Program, including under the Federal, State, and education components;

(B) the databases developed in connection with investigations under subclauses (III), (IV), and (V) of section 31c(d)(1)(C)(ii) of this title; and

(C) other maps and data that the Survey and the Association consider appropriate.

#### (b) Standardization

##### (1) In general

Geologic maps contributed to the national archives shall have format, symbols, and technical attributes that adhere to standards so that archival information can be accessed, exchanged, and compared efficiently and accurately, as required by Executive Order 12906 (59 Fed. Reg. 17,671 (1994)), which established the National Spatial Data Infrastructure.

##### (2) Development of standards

Entities that contribute geologic maps to the national archives shall develop the standards described in paragraph (1) in cooperation with the Federal Geographic Data Committee, which is charged with standards development and other data coordination activities as described in Office of Management and Budget revised Circular A-16.

(Pub. L. 102-285, § 7, May 18, 1992, 106 Stat. 171; Pub. L. 105-36, § 3(e), Aug. 5, 1997, 111 Stat. 1110; Pub. L. 106-148, § 7, Dec. 9, 1999, 113 Stat. 1723; Pub. L. 111-11, title XI, § 11001(g), Mar. 30, 2009, 123 Stat. 1415.)

#### REFERENCES IN TEXT

Executive Order 12906, referred to in subsec. (b)(1), is set out as a note under section 1457 of this title.

#### AMENDMENTS

2009—Subsec. (a)(1). Pub. L. 111-11, § 11001(g)(1), substituted “geologic-map” for “geologic map”.

Subsec. (a)(2)(A). Pub. L. 111-11, § 11001(g)(2), added subpar. (A) and struck out former subpar. (A) which read as follows: “all maps developed under the Federal component and the education component;”.