

(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 investigations 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 stand-

ards 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;”.

1999—Pub. L. 106-148 substituted “geologic map database” for “geologic-map data base” in section catchline, added subsec. (a), and struck out heading and text of former subsec. (a). Text read as follows: “The Survey shall establish a national geologic-map data base. Such data base shall be a national archive that includes all maps developed pursuant to sections 31a to 31h of this title, the data bases developed pursuant to the investigations under sections 31c(d)(2)(C), (D), (E), and (F) of this title, and other maps and data as the Survey deems appropriate.”

1997—Subsec. (b). Pub. L. 105-36 added subsec. (b) and struck out heading and text of former subsec. (b). Text read as follows: “Geologic maps contributed to the national archives should have standardized format, symbols, and technical attributes so that archival information can be assimilated, manipulated, accessed, exchanged, and compared efficiently and accurately.”

### § 31g. Biennial report

Not later than 3 years after March 30, 2009, and biennially thereafter, the Secretary shall submit to the Committee on Resources of the House of Representatives and the Committee on Energy and Natural Resources of the Senate a report that—

(1) describes the status of the national geologic mapping program;

(2) describes and evaluates the progress achieved during the preceding 2 years in developing the national geologic map database; and

(3) includes any recommendations that the Secretary may have for legislative or other action to achieve the purposes of sections 31c through 31f of this title.

(Pub. L. 102-285, § 8, as added Pub. L. 106-148, § 8, Dec. 9, 1999, 113 Stat. 1724; amended Pub. L. 111-11, title XI, § 11001(h), Mar. 30, 2009, 123 Stat. 1415.)

#### PRIOR PROVISIONS

A prior section 31g, Pub. L. 102-285, § 8, May 18, 1992, 106 Stat. 171; Pub. L. 103-437, § 16(a)(1), Nov. 2, 1994, 108 Stat. 4594; Pub. L. 105-36, § 3(f), Aug. 5, 1997, 111 Stat. 1111; Pub. L. 105-362, title IX, § 902(b), Nov. 10, 1998, 112 Stat. 3291, directed the Secretary to submit a biennial report to Congress describing the status of the nationwide geologic mapping program and evaluating the progress achieved during the preceding fiscal year in developing the national geologic-map data base, prior to repeal by Pub. L. 106-148, § 8, Dec. 9, 1999, 113 Stat. 1724.