

(1) Secretary

The term “Secretary” means the Secretary, acting through the Director of the United States Geological Survey.

(2) System

The term “System” means the National Volcano Early Warning and Monitoring System established under subsection (b)(1)(A).

(b) National Volcano Early Warning and Monitoring System**(1) Establishment****(A) In general**

The Secretary shall establish within the United States Geological Survey a system, to be known as the “National Volcano Early Warning and Monitoring System”, to monitor, warn, and protect citizens of the United States from undue and avoidable harm from volcanic activity.

(B) Purposes

The purposes of the System are—

(i) to organize, modernize, standardize, and stabilize the monitoring systems of the volcano observatories in the United States, which includes the Alaska Volcano Observatory, California Volcano Observatory, Cascades Volcano Observatory, Hawaiian Volcano Observatory, and Yellowstone Volcano Observatory; and

(ii) to unify the monitoring systems of volcano observatories in the United States into a single interoperative system.

(C) Objective

The objective of the System is to monitor all the volcanoes in the United States at a level commensurate with the threat posed by the volcanoes by—

(i) upgrading existing networks on monitored volcanoes;

(ii) installing new networks on unmonitored volcanoes; and

(iii) employing geodetic and other components when applicable.

(2) System components**(A) In general**

The System shall include—

(i) a national volcano watch office that is operational 24 hours a day and 7 days a week;

(ii) a national volcano data center; and

(iii) an external grants program to support research in volcano monitoring science and technology.

(B) Modernization activities

Modernization activities under the System shall include the comprehensive application of emerging technologies, including digital broadband seismometers, real-time continuous Global Positioning System receivers, satellite and airborne radar interferometry, acoustic pressure sensors, and spectrometry to measure gas emissions.

(3) Management**(A) Management plan****(i) In general**

Not later than 180 days after March 12, 2019, the Secretary shall submit to Con-

gress a 5-year management plan for establishing and operating the System.

(ii) Inclusions

The management plan submitted under clause (i) shall include—

(I) annual cost estimates for modernization activities and operation of the System;

(II) annual milestones, standards, and performance goals; and

(III) recommendations for, and progress towards, establishing new, or enhancing existing, partnerships to leverage resources.

(B) Advisory committee

The Secretary shall establish an advisory committee to assist the Secretary in implementing the System, to be comprised of representatives of relevant agencies and members of the scientific community, to be appointed by the Secretary.

(C) Partnerships

The Secretary may enter into cooperative agreements with institutions of higher education and State agencies designating the institutions of higher education and State agencies as volcano observatory partners for the System.

(D) Coordination

The Secretary shall coordinate the activities under this section with the heads of relevant Federal agencies, including—

(i) the Secretary of Transportation;

(ii) the Administrator of the Federal Aviation Administration;

(iii) the Administrator of the National Oceanic and Atmospheric Administration; and

(iv) the Administrator of the Federal Emergency Management Agency.

(4) Annual report

Annually, the Secretary shall submit to Congress a report that describes the activities carried out under this section.

(c) Funding**(1) Authorization of appropriations**

There is authorized to be appropriated to carry out this section \$55,000,000 for the period of fiscal years 2019 through 2023.

(2) Effect on other sources of Federal funding

Amounts made available under this subsection shall supplement, and not supplant, Federal funds made available for other United States Geological Survey hazards activities and programs.

(Pub. L. 116-9, title V, § 5001, Mar. 12, 2019, 133 Stat. 766.)

DEFINITION OF “SECRETARY”

Secretary means the Secretary of the Interior, see section 2 of Pub. L. 116-9, set out as a note under section 1 of this title.

§ 32. Acting Director

The Secretary of the Interior may authorize one of the geologists to act as Director of the

United States Geological Survey in the absence of that officer.

(July 31, 1894, ch. 174, §1, 28 Stat. 197; Pub. L. 102-154, title I, Nov. 13, 1991, 105 Stat. 1000.)

CHANGE OF NAME

“United States Geological Survey” substituted in text for “Geological Survey” pursuant to provision of title I of Pub. L. 102-154, set out as a note under section 31 of this title.

TRANSFER OF FUNCTIONS

For transfer of functions of other officers, employees, and agencies of Department of the Interior, with certain exceptions, to Secretary of the Interior, with power to delegate, see Reorg. Plan No. 3 of 1950, §§1, 2, eff. May 24, 1950, 15 F.R. 3174, 64 Stat. 1262, set out under section 1451 of this title.

§ 33. Repealed. Aug. 10, 1956, ch. 1041, § 53, 70A Stat. 641

Section, act June 16, 1880, ch. 235, 21 Stat. 274, authorized Secretary of War to detail officers of Ordnance Corps to serve with Geological Survey.

§ 34. Scientific employees

The scientific employees of the United States Geological Survey shall be selected by the Director, subject to the approval of the Secretary of the Interior exclusively for their qualifications as professional experts.

(July 7, 1884, ch. 332, 23 Stat. 212; Pub. L. 102-154, title I, Nov. 13, 1991, 105 Stat. 1000.)

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§ 35. Repealed. Pub. L. 87-304, § 9(a)(2), Sept. 26, 1961, 75 Stat. 664

Section, act June 30, 1906, ch. 3914, §1, 34 Stat. 727, authorized scientific and other employees of the United States Geological Survey employed in the field to make assignments of pay, and that they be reimbursed for expenses incurred in the discharge of duty in the field and paid from personal funds. See section 5525 of Title 5, Government Organization and Employees.

§ 36. Purchase of books

The purchase of professional and scientific books and periodicals needed for statistical purposes by the scientific divisions of the United States Geological Survey is authorized to be made and paid for out of appropriations made for the said Survey.

(June 28, 1902, ch. 1301, §1, 32 Stat. 455.)

TRANSFER OF FUNCTIONS

For transfer of functions of other officers, employees, and agencies of Department of the Interior, with certain exceptions, to Secretary of the Interior, with power to delegate, see Reorg. Plan No. 3 of 1950, §§1, 2,

eff. May 24, 1950, 15 F.R. 3174, 64 Stat. 1262, set out under section 1451 of this title.

§ 36a. Acquisition of scientific or technical books, maps, etc., for library

The Director of the United States Geological Survey, under the general supervision of the Secretary of the Interior, is authorized to acquire for the United States, by gift or devise, scientific or technical books, manuscripts, maps, and related materials, and to deposit the same in the library of the United States Geological Survey for reference and use as authorized by law.

(May 14, 1940, ch. 190, 54 Stat. 212; Pub. L. 102-154, title I, Nov. 13, 1991, 105 Stat. 1000.)

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§ 36b. Acquisition of lands or interests therein for use in gaging streams or underground water resources

The Secretary of the Interior may, on behalf of the United States and for use by the United States Geological Survey in gaging streams and underground water resources, acquire lands by donation or when funds have been appropriated by Congress by purchase or condemnation, but not in excess of ten acres for any one stream gaging station or observation well site. For the same purpose the Secretary of the Interior may obtain easements, licenses, rights-of-way, and leases limited to run for such a period of time or term of years as may be required for the effective performance of the function of gaging streams and underground water resources: *Provided*, That nothing in this section shall be construed as affecting or intended to affect or in any way to interfere with the laws of any State or Territory relating to the control, appropriation, use, or distribution of water used in irrigation, or any vested right acquired thereunder, and the Secretary of the Interior, in carrying out the provisions of this section, shall proceed in conformity with such laws, and nothing in this section shall in any way affect any right of any State or of the Federal Government or of any landowner, appropriator, or user of water, in, to, or from any interstate stream or the waters thereof.

(Dec. 24, 1942, ch. 822, 56 Stat. 1086; Pub. L. 86-406, Apr. 4, 1960, 74 Stat. 14; Pub. L. 102-154, title I, Nov. 13, 1991, 105 Stat. 1000.)

AMENDMENTS

1960—Pub. L. 86-406 authorized Secretary of the Interior to acquire lands and interests in lands for observation well sites to gage underground water resources.