

market yield on outstanding marketable obligations of the United States with remaining periods to maturity comparable to the maturity of such loan, plus not to exceed 1 percent, as determined by the Secretary, and rounded to the nearest one-eighth of 1 percent.

(Pub. L. 101–624, title XXIII, § 2378, Nov. 28, 1990, 104 Stat. 4048; Pub. L. 106–113, div. B, § 1000(a)(3) [title III, § 345(f)], Nov. 29, 1999, 113 Stat. 1535, 1501A–204.)

AMENDMENTS

1999—Subsec. (a)(2), (3). Pub. L. 106–113 substituted “National Forest System land resources” for “national forest resources”.

§ 6617. Authorization of appropriations and spending authority

(a) Authorization of appropriations

Except as provided in subsection (b) of this section, there are authorized to be appropriated—

(1) an amount not to exceed 5 percent of the sum of—

(A) the sums received by the Secretary from sales of timber and other products of the forests; and

(B) user fees paid in connection with the use of forest lands; and

(2) such additional sums as may be necessary to carry out the purposes of this subchapter.

(b) Limitation on authorization

Subsection (a) of this section shall not in any way affect payments to the States pursuant to section 500 of title 16.

(c) Spending authority

Any spending authority (as defined in section 651 of title 2) provided in this subchapter shall be effective for any fiscal year only to such extent or in such amounts as are provided in appropriation Acts.

(Pub. L. 101–624, title XXIII, § 2379, Nov. 28, 1990, 104 Stat. 4049.)

CHAPTER 96—GLOBAL CLIMATE CHANGE

Sec.

- 6701. Global Climate Change Program.
 - (a) Establishment.
 - (b) General duties.
 - (c) Specific responsibilities.
- 6702. Study of global climate change, agriculture, and forestry.
 - (a) Crops.
 - (b) Forests.
 - (c) Reports.
- 6703. Repealed.
- 6704. Office of International Forestry.
 - (a) Establishment.
 - (b) Deputy Chief designation.
 - (c) Duties.
 - (d) Authorization of appropriations.
- 6705. Line item.
- 6706. Institutes of Tropical Forestry.
- 6707. Urban forestry demonstration projects.
- 6708. Biomass energy demonstration projects.
- 6709. Interagency cooperation to maximize biomass growth.
- 6710. Authorization of appropriations.
- 6711. Carbon cycle research.
 - (a) In general.

Sec.

- (b) Land grant universities.
- (c) Use.
- (d) Cooperative research.
- (e) Extension projects.
- (f) Administrative costs.
- (g) Authorization of appropriations.

§ 6701. Global Climate Change Program

(a) Establishment

For the purpose of having within the Department of Agriculture a focal point for coordinating all issues of climate change, the Secretary of Agriculture (hereafter in this chapter referred to as the “Secretary”) shall establish a Global Climate Change Program (hereafter in this section referred to as the “Program”). The Secretary shall designate a director of the Program who shall be responsible to the Secretary for carrying out the duties specified in subsections (b) and (c) of this section.

(b) General duties

The Director shall—

(1) coordinate policy analysis, long range planning, research, and response strategies relating to climate change issues;

(2) provide liaison with other Federal agencies, through the Office of Science and Technology Policy, regarding issues of climate change;

(3) inform the Department of scientific developments and policy issues relating to the effects of climate change on agriculture and forestry, including broader issues that affect the impact of climate change on the farms and forests of the United States;

(4) recommend to the Secretary alternative courses of action with which to respond to such scientific developments and policy issues; and

(5) ensure that recognition of the potential for climate change is fully integrated into the research, planning, and decision-making processes of the Department.

(c) Specific responsibilities

The Director shall—

(1) coordinate the global climate change studies required by section 6702 of this title;

(2) provide, through such other agencies as the Secretary determines appropriate, competitive grants for research in climatology relating to the potential impact of climate change on agriculture;

(3) coordinate the participation of the Department in interagency climate-related activities;

(4) consult with the National Academy of Sciences and private, academic, State, and local groups with respect to climate research and related activities;

(5) represent the Department to the Office of Science and Technology Policy and coordinate the activities of the Department in response to requirements of this chapter;

(6) represent the Department on the Intergovernmental Panel on Climate Change; and

(7) review all Department budget items relating to climate change issues, including specifically the research budget to be submitted by the Secretary to the Office of Science and

Technology Policy and the Office of Management and Budget.

(Pub. L. 101-624, title XXIV, § 2402, Nov. 28, 1990, 104 Stat. 4058.)

REFERENCES IN TEXT

This chapter, referred to in subsecs. (a) and (c)(5), was in the original “this title”, meaning title XXIV of Pub. L. 101-624, Nov. 28, 1990, 104 Stat. 4058, which is classified generally to this chapter. For complete classification of title XXIV to the Code, see Short Title note below and Tables.

SHORT TITLE

Section 2401 of title XXIV of Pub. L. 101-624 provided that: “This title [enacting this chapter and amending sections 1601 and 1602 of Title 16, Conservation] may be cited as the ‘Global Climate Change Prevention Act of 1990’.”

§ 6702. Study of global climate change, agriculture, and forestry

(a) Crops

(1) In general

The Secretary shall study the effects of global climate change on agriculture and forestry. The study shall, at a minimum address—

(A) the effects of simultaneous increases in temperature and carbon dioxide on crops of economic significance;

(B) the effects of more frequent or more severe weather events on such crops;

(C) the effects of potential changes in hydrologic regimes on current crop yields;

(D) the economic effects of widespread and increased drought frequency in the south, midwest, and plains States; and

(E) changes in pest problems due to higher temperatures.

(2) Further studies

If the results of the study conducted under paragraph (1) warrant, the Secretary shall conduct further studies that address the means of mitigating the effects of global climate change on crops of economic significance that shall, at a minimum—

(A) identify whether climate change tolerance can be bred into these crops, the amount of time necessary for any such breeding, and the effects on the income of farmers;

(B) evaluate existing genetic resource and breeding programs for crops for their ability to develop new varieties that can tolerate potential climate changes; and

(C) assess the potential for the development of crop varieties that are tolerant to climate changes and other environmental stresses, such as drought, pests, and salinity.

(b) Forests

The Secretary shall conduct a study on the emissions of methane, nitrous oxide, and hydrocarbons from tropical and temperate forests, the manner in which such emissions may affect global climate change; the manner in which global climate change may affect such emissions; and the manner in which such emissions may be reduced through management practices. The study shall, at a minimum—

(1) obtain measurements of nitrous oxide, methane, and nonmethane hydrocarbons from tropical and temperate forests;

(2) determine the manner in which the nitrous oxide, methane, and nonmethane hydrocarbon emissions from temperate and tropical forest systems will respond due to climate change; and

(3) identify and address alternative management strategies for temperate and tropical forests that may mitigate any negative effects of global climate change.

(c) Reports

The Secretary shall submit reports of the studies conducted under subsections (a) and (b) of this section within 3 and 6 years, respectively, after November 28, 1990, to the Committee on Agriculture and the Committee on Science, Space, and Technology of the House of Representatives, and the Committee on Agriculture, Nutrition, and Forestry of the Senate. In addition, interim reports regarding such studies shall be provided by the Secretary to such Committees annually, with recommendations for actions which may be taken to mitigate the negative effects of global climate change and to adapt to global climate changes and related phenomena.

(Pub. L. 101-624, title XXIV, § 2403, Nov. 28, 1990, 104 Stat. 4059.)

CHANGE OF NAME

Committee on Science, Space, and Technology of House of Representatives treated as referring to Committee on Science of House of Representatives by section 1(a) of Pub. L. 104-14, set out as a note preceding section 21 of Title 2, The Congress.

§ 6703. Repealed. Pub. L. 104-127, title VIII, § 868, Apr. 4, 1996, 110 Stat. 1175

Section, Pub. L. 101-624, title XXIV, § 2404, Nov. 28, 1990, 104 Stat. 4060, required Secretary of Agriculture to establish technical advisory committee to provide advice to Secretary concerning major study areas required under this chapter.

§ 6704. Office of International Forestry

(a) Establishment

The Secretary, acting through the Chief of the Forest Service, shall establish an Office of International Forestry within the Forest Service within six months after November 28, 1990.

(b) Deputy Chief designation

The Chief shall appoint a Deputy Chief for International Forestry.

(c) Duties

The Deputy Chief shall—

(1) be responsible for the international forestry activities of the Forest Service;

(2) coordinate the activities of the Forest Service in implementing the provisions of this chapter; and

(3) serve as Forest Service liaison to the director for the program established pursuant to section 6701 of this title.

(d) Authorization of appropriations

There are authorized to be appropriated for each of fiscal years 1996 through 2007 such sums as are necessary to carry out this section.