

Public Law 101-397  
101st Congress

An Act

Sept. 28, 1990  
[H.R. 1101]

To extend the authorization of appropriations for the Water Resources Research Act of 1984 through the end of fiscal year 1994.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,*

SECTION 1. WATER RESEARCH INSTITUTES.

(a) Section 103(5) of the Water Resources Research Act of 1984 (42 U.S.C. 10302(5)) is amended by deleting "coordinate more effectively" and inserting in lieu thereof: "to promote more effective coordination of".

(b) Section 104(a) of the Water Resources Research Act of 1984 (42 U.S.C. 10303(a)) is amended by changing "Trust Territory of the Pacific Islands" to "Federated States of Micronesia".

(c) Section 104(b) of the Water Resources Research Act of 1984 (42 U.S.C. 10303(b)) is amended by inserting in the last sentence after the phrase "for the purpose of" the following: "promoting".

(d) Section 104(b)(1) of the Water Resources Research Act of 1984 (42 U.S.C. 10303(b)(1)) is amended to read as follows:

"(1) plan, conduct, or otherwise arrange for competent research that fosters (A) the entry of new research scientists into the water resources fields, (B) the training and education of future water scientists, engineers, and technicians, (C) the preliminary exploration of new ideas that address water problems or expand understanding of water and water-related phenomena, and (D) the dissemination of research results to water managers and the public, and".

(e) Section 104(c) of the Water Resources Research Act of 1984 (42 U.S.C. 10303(c)) is amended by deleting the period at the end thereof and inserting in lieu thereof "and thereafter, such sums to be used only for the reimbursement of the direct cost expenditures incurred for the conduct of the water resources research program."

(f) Section 104(e) of the Water Resources Research Act of 1984 (42 U.S.C. 10303(e)) is amended to read as follows:

"(e) The Secretary shall conduct a careful and detailed evaluation of each institute at least once every 5 years to determine that the quality and relevance of its water resources research and its effectiveness as an institution for planning, conducting, and arranging for research warrants its continued support under this section. If, as a result of any such evaluation, the Secretary determines that an institute does not qualify for further support under this section, then no further grants to the institute may be made until the institute's qualifications are reestablished to the satisfaction of the Secretary."

(g) Section 104(f)(1) of the Water Resources Research Act of 1984 (42 U.S.C. 10303(f)(1)) is amended by deleting "September 30, 1985, through September 30, 1989" and inserting in lieu thereof "September 30, 1989, through September 30, 1995,".

(h) Section 104(f)(2) of the Water Resources Research Act of 1984 (42 U.S.C. 10303(f)(2)) is amended by deleting "section 106 of this Act" and inserting in lieu thereof "section 104(g) of this Act".

(i) Section 105(a)(3) of the Water Resources Research Act of 1984 (42 U.S.C. 10304(a)(3)) is repealed.

(j) Section 105(c) of the Water Resources Research Act of 1984 (42 U.S.C. 10304(c)) is amended by:

(1) striking "\$20,000,000" and inserting in lieu thereof, "\$10,000,000"; and

(2) striking "1989" and inserting in lieu thereof, "1995".

(k) Section 108(6) of the Water Resources Research Act of 1984 (42 U.S.C. 10307(6)) is amended by inserting immediately after "depletion" a comma and the word "contamination,".

(l) Section 108(8) of the Water Resources Research Act of 1984 (42 U.S.C. 10307(8)) is amended by inserting immediately after "water" the words "quality and quantity".

(m) Section 104 of the Water Resources Research Act of 1984 (42 U.S.C. 10303) is amended by adding the following:

"(g)(1) There is further authorized to be appropriated to the Secretary of the Interior the sum of \$5,000,000 for each of the fiscal years 1991, 1992, 1993, 1994, and 1995 only for reimbursement of the direct cost expenses of additional research or synthesis of the results of research by institutes which focuses on water problems and issues of a regional or interstate nature beyond those of concern only to a single State and which relate to specific program priorities identified jointly by the Secretary and the institutes. Such funds when appropriated shall be matched on a not less than dollar-for-dollar basis by funds made available to institutes or groups of institutes, by States or other non-Federal sources. Funds made available under this subsection shall remain available until expended.

"(2) Research funds made available under this subsection shall be made on a competitive basis subject to the merit of the proposal, the need for the information to be produced, and the opportunity such funds will provide for training of water resources scientists or professionals."

(n) Section 106 of the Water Resources Research Act of 1984 (42 U.S.C. 10305) is amended to read as follows:

"SEC. 106. (a)(1) The Secretary shall make grants in addition to those authorized under sections 104 and 105 for technology development concerning any aspect of water resources including water-related technology which the Secretary may deem to be of State, regional, or national importance. Activities funded under this section may be carried out by educational institutions, private firms, foundations, individuals, or agencies of State or local government. Care shall be taken to protect proprietary information of private individuals or firms associated with the technology.

"(2) The Secretary may establish any condition for the matching of funds by the recipient of any grant or contract under this section which the Secretary considers to be in the best interest of the Nation considering the information transfer and technology needs of the Nation. However, in the case of institutes established by section 104 of this Act no match greater than that required under section 104 may be required.

"(b) Each application for a grant under this section shall state the nature of the project to be undertaken, the qualifications of the personnel who will direct and conduct it, facilities of the organization performing any technology development, the importance of the

Grants.  
Science and  
technology.

Classified  
information.

project to the Nation, region, and State concerned, and the potential benefit to be accrued.

“(c) There is authorized to be appropriated to the Secretary the sum of \$6,000,000 for the purpose of carrying out this section for each of the fiscal years ending September 30, 1990, through September 30, 1995; such sums to remain available until expended.”

(o) Section 309(a) of the Water Resources Research Act of 1984 (42 U.S.C. 10301 et al.), as amended, is further amended by deleting “1991” and inserting in lieu thereof “1995”.

SEC. 2. (a) The Secretary of the Interior, in consultation with the Secretary of Agriculture and the Administrator of the Environmental Protection Agency, is authorized to enter into contracts or cooperative agreements, as the Secretary deems appropriate, with national laboratories (including Los Alamos National Laboratory) to carry out water resources research, development, and demonstration projects within the authorities of Public Law 98-242 (including the effects of potential climate changes on surface and ground water quality and quantity and the elimination of contamination of ground water aquifers).

(b) The water resources research authorized in this section shall be undertaken under such rules and regulations as the Secretary deems appropriate and shall be carried out in close consultation and collaboration with the institutes established pursuant to Public Law 98-242, to the extent such research work affects the State in which the institute exists, and to the extent such institute agrees to consult and collaborate.

(c) For the purposes of carrying out this section, there is authorized to be appropriated to the Secretary of the Interior the sum of \$10,000,000 for each of the fiscal years 1991 through 1995.

Approved September 28, 1990.

42 USC 10301  
note.

Contracts.  
42 USC 10303  
note.

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**LEGISLATIVE HISTORY—H.R. 1101:**

**HOUSE REPORTS:** No. 101-76 (Comm. on Interior and Insular Affairs).  
**CONGRESSIONAL RECORD:**

Vol. 135 (1989): June 6, considered and passed House.

Vol. 136 (1990): Aug. 1, considered and passed Senate, amended.

Sept. 11, House concurred in Senate amendment.