

INTERAGENCY AGREEMENT

among the

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA),

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA), and

NATIONAL SCIENCE FOUNDATION (NSF)

for

GLOBE PROGRAM SUPPORT

I. Purpose

This Interagency Agreement (Agreement) among the National Oceanic and Atmospheric Administration (NOAA), the National Aeronautics and Space Administration (NASA), and the National Science Foundation (NSF) provides a basis for the collaboration among these agencies in support of the Global Learning and Observations to Benefit the Environment (GLOBE) Program. Specifically, the Agreement provides for the effective coordination of the implementation of those parts of the GLOBE Program that are supported by NSF and NOAA using funds provided on a reimbursable basis by NASA and NOAA.

The Agreement enables NASA to take advantage of NOAA and NSF expertise and existing resources associated with the GLOBE Program to achieve NASA's objectives effectively and efficiently. The Agreement sets out the arrangements for NASA to obtain services from NOAA and NSF to support the implementation of the GLOBE Program, so as to ensure that NASA's critical Earth system science education objectives and part of its needs for environmental observations at the Earth's surface are met.

The Agreement enables NOAA to take advantage of NSF expertise and existing resources associated with the GLOBE Program to achieve NOAA's objectives effectively and efficiently. The Agreement sets out the arrangements for NOAA to obtain services from NSF to support the implementation of the GLOBE Program, so as to ensure that NOAA's environmental forecasting and science objectives are met.

The Agreement enables NSF to take advantage of expertise and existing resources associated with the GLOBE Program to achieve NSF's objectives effectively and efficiently. The Agreement sets out the arrangements for NSF to obtain funds from NASA and NOAA to support the implementation of the GLOBE Program, so as to ensure that part of NSF's science education and research objectives are met.

II. Background

The GLOBE Program is a hands-on environmental science and education program that joins students, educators, and scientists from around the world in studying the global environment. The goals of the GLOBE Program are to enhance the environmental awareness of individuals

worldwide, to increase scientific understanding of the Earth, and to help all students reach higher levels of achievement in science and mathematics. The GLOBE Program supports these goals by providing useful scientific data resulting from environmental observations at the Earth's surface throughout the world at GLOBE schools. The GLOBE Program began operation on Earth Day 1995, and there are already approximately 5000 GLOBE schools in over 60 countries. Based on the widespread support for and interest in the program, GLOBE is expected to grow substantially in both size and content in the future.

The GLOBE Program in the United States is a Federal interagency effort involving NOAA, NASA, NSF, the Environmental Protection Agency (EPA), and the Department of Education and State. The GLOBE Leadership Council is chaired by the Vice President, and includes the heads of NASA, NSF, EPA, and the Chair of the Council on Environmental Quality and the Director of the Office of Science and Technology Policy, as well as the Deputy Secretary of Education and the Under Secretary of State for Global Affairs. The program is managed by an interagency team led by NOAA. Funding for the program is included in the budgets of NOAA, NASA, and NSF. To the extent possible, each agency implements appropriate parts of the GLOBE Program through its staff, contractors, and grantees, under the direction of the GLOBE management team, and consistent with budget plans developed for each fiscal year. As the GLOBE Program is implemented through the participating agencies, it relies on the capabilities and mission interests of each participating funding agency.

GLOBE Program funding is within the budgets of NSF, NOAA, and NASA. NSF intends to provide, subject to the availability of funds, up to \$10 million over the term of the Agreement toward the services, required to implement the GLOBE Program, with the exact amount each fiscal year determined through consultation with GLOBE Program management each year. The contribution shall not exceed \$2 million each fiscal year. NOAA intends to provide, subject to the availability of funds, up to \$30 million over the term of the Agreement toward the services required to implement the GLOBE Program, including the amount shown in above planned to be provided to NSF. NASA intends to provide, subject to availability of funds, up to \$25 million over the term of the Agreement toward the services required to implement the GLOBE Program, including the amounts shown above planned to be provided to NSF and NOAA.

Several GLOBE functions are performed by NSF with funding provided on an inter-agency, reimbursable basis by NASA and NOAA. Also, several GLOBE functions are performed by NOAA with funding provided on an inter-agency, reimbursable basis by NASA. For example, NSF has issued an Announcement of Opportunity for GLOBE science and education principal investigator teams, which will carry out specific aspects of the program over the next four years. This is an extension of a similar activity supported by NSF from near the beginning of the program. The funding for the awards to be made through this Announcement is provided directly by NSF, and, on a reimbursable basis, by NASA and NOAA.

III. References/Authorities

This agreement is entered into under the authority of the Economy Act of 1932, as amended, 31 U.S.C. § 1535; Section 203(c) of the National Aeronautics and Space Act of 1952, 2s amended. 42 U.S.C. § 2473(c); 49 U.S.C. § 44720, which authorizes NOAA to engage in activities that support weather and other related environmental forecasting; 15 U.S.C. § 2938,

which authorizes NOAA to provide global change research findings to other Federal agencies; the National Science Foundation Act of 1950, as amended, 42 U.S.C. § 1861 et seq.; the Science and Engineering Equal Opportunities Act, 42 U.S.C. § 1885; Title I of the Education for Economic Security Act, 20 U.S.C. §§ 3911-3922; 15 U.S.C. § 2904, 33 U.S.C. § 1121; 15 U.S.C. § 1540; and 42 U.S.C. § 1861.

IV. Services to be Provided on a Reimbursable Basis

Services will be provided to NASA and NOAA by NSF on a reimbursable basis in the following areas; conduct a competition to select GLOBE science and education teams, each led by a principal investigator, according to NSF policies and procedures for merit review and the making of awards; make the awards resulting from this competition; and provide for administration of the resulting grants. NSF will provide science and education leadership support for GLOBE, as needed; and NSF will provide support for GLOBE teacher training and for training of trainers of teachers, assist in the conduct of science and education conferences, in the U.S. and internationally, as well as exhibits and workshops held for in conjunction with the GLOBE Program, and provide for the continuing evaluation of the entire GLOBE Program, NSF will also arrange for the distribution of Global Positioning System receivers to designated GLOBE schools and provide limited support concerning their use. In carrying out these functions, all funds provided shall be used for costs associated with providing these services, including grants and an appropriate amount of NSF administrative costs.

Services will be provided by NOAA to NASA on a reimbursable basis in the following areas: arrange for a set of GLOBE teacher workshop sites across the U.S. and for the oversight of and support to the host organizations for these sites; provide science instruments for use in GLOBE teacher training workshops; and, as necessary, provide NOAA's part of the management and operation of the GLOBE Program, including science and education development and support; teacher training; system development and support; systems, network, and help desk operations; and program management. In carrying out these functions, all funds provided shall be used for costs associated with providing these services, including the costs of labor and benefits, travel, transportation of materials and equipment; rent and utilities, communications, printing, contracts and purchase orders, supplies, equipment, and the cost of NOAA administrative support necessary for this effort.

V. Determinations

NASA, NOAA, and NSF have each determined that obtaining the specified services on a reimbursable basis through this Agreement to meet NASA, NOAA, and NSF program requirements is in the best interest of the Government, and that each agency has appropriated funds available or expects them to be available to meet the funding requirements of this Agreement, that NOAA and NSF are able to provide the services as specified in this Agreement, and that these services cannot be provided as conveniently or less conveniently from commercial sources.

NOAA and NSF have determined that they are capable of providing the services required by NASA and NOAA under this Agreement, and that the services can be provided for the funding amount specified in this Agreement, including recovery, of full costs, both direct and indirect for these services.

VI. Reimbursable Arrangement

NASA agrees, subject to the availability of funds, to provide up to a total of \$11 million to NSF over the term of the agreement, with the exact amount each fiscal year determined through consultation with GLOBE Program management, NASA, and NSF each year. NASA agrees, subject to the availability of funds, to provide up to a total of \$8 million to NOAA over the term of the agreement, with the exact amount of each fiscal year determined through consultation among GLOBE Program management, NASA, and NOAA each year. NOAA agrees, subject to the availability of funds, to provide up to a total of \$4 million to NSF over the term of the agreement, with the exact amount each fiscal year determined through consultation among GLOBE Program management, NOAA and NSF each year.

NASA and NOAA shall make funds available to NSF, and NASA shall make funds available to NOAA, through a reimbursable order each fiscal year in advance of NOAA's or NSF's expenditures for these services. Each reimbursable order shall state that parties are entering into it pursuant to this Agreement, and shall include Economy Act findings. To ensure orderly provision of services, NASA and NOAA agree to transfer funds to NSF, and NASA agrees to transfer funds to NOAA, no later than March 31 each fiscal year, except for FY 1998; for which funds transfers shall be completed no later than April 30.

VII. Other Provisions

Nothing herein is intended to conflict with current NOAA, NASA, or NSF directives. If the terms of this Agreement are inconsistent with existing directives of any of the agencies entering into this Agreement, then those portions of this Agreement which are determined to be inconsistent shall be invalid; but the remaining terms and conditions of this Agreement not affected by inconsistency shall remain in full force and effect. At the first opportunity for review of the Agreement, such changes as are deemed necessary will be accomplished by either an amendment to this Agreement or by entering into a new agreement, whichever is deemed expedient to the interest of all parties.

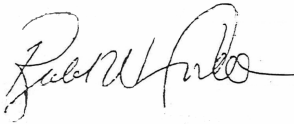
All activities under or pursuant to this Agreement are subject to the availability of appropriated funds, and no provision herein shall be interpreted to require obligation or payment of funds in violation of the Anti-Deficiency Act, 31 U.S.C. 1341. This Agreement is not a funding document, and does not represent the obligation or transfer of funds.

VIII. Terms of the Agreement

The terms of this Agreement will become effective upon the signature of the approving officials of all of the agencies entering into this Agreement. This Agreement will remain in effect through September 30, 2002, unless it is terminated earlier by mutual agreement in writing by the agencies. The termination date of this Agreement can be extended by mutual agreement in writing of the agencies. Other provisions of this Agreement can be modified by mutual agreement in writing of the agencies.

APPROVED:

NATIONAL SCIENCE FOUNDATION



Robert W. Corell
Assistant Director for Geosciences
National Science Foundation

Date 3/23/98



Luther S. Williams
Assistant Director for Education and Human
Resources
National Science Foundation

Date 3/23/98

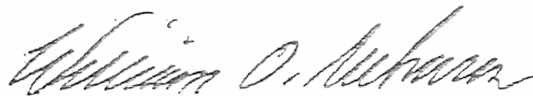
NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION



Ghassem R. Asrar
Associate Administrator for Earth Science
National Aeronautics and Space Administration

Date 4/7/98

NATIONAL OCEANIC AND ATMOSPHERIC
ADMINISTRATION



William O. Mehuron
Deputy Under Secretary for Oceans
and Atmosphere (Acting)
National Oceanic and Atmospheric Administration

Date MAR 20 1998