

**No. 50331**

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**United States of America  
and  
Tanzania**

**Agreement between the United States of America and the United Republic of Tanzania for cooperation in the GLOBE Program (with appendices). Dar es Salaam, 1 April 1997**

**Entry into force:** *1 April 1997 by signature, in accordance with article 6*

**Authentic text:** *English*

**Registration with the Secretariat of the United Nations:** *United States of America, 29 January 2013*

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**États-Unis d'Amérique  
et  
Tanzanie**

**Accord entre les États-Unis d'Amérique et la République-Unie de Tanzanie relatif à la coopération dans le Programme GLOBE (avec annexes). Dar es-Salaam, 1<sup>er</sup> avril 1997**

**Entrée en vigueur :** *1<sup>er</sup> avril 1997 par signature, conformément à l'article 6*

**Texte authentique :** *anglais*

**Enregistrement auprès du Secrétariat de l'Organisation des Nations Unies :** *États-Unis d'Amérique, 29 janvier 2013*

[ ENGLISH TEXT – TEXTE ANGLAIS ]

**AN AGREEMENT BETWEEN THE UNITED STATES  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND  
THE MINISTRY OF EDUCATION AND CULTURE OF  
THE UNITED REPUBLIC OF TANZANIA FOR COOPERATION  
IN THE GLOBE PROGRAM**

**PREAMBLE**

The U.S. National Oceanic and Atmospheric Administration, Department of Commerce, 14th Street, N.W., Washington, D.C. 20230, acting on behalf of itself and other U.S. government agencies participating in the GLOBE Program (hereinafter, the U.S. side), and the Ministry of Education and Culture of the United Republic of Tanzania, P.O. Box 9121, Dar es Salaam (hereinafter, the Tanzania side),

intending to increase the awareness of students throughout the world about the global environment,

seeking to contribute to increased scientific understanding of the earth, and

desiring to support improved student achievement in science and mathematics,

have agreed to cooperate in the global learning and observations to benefit the environment (GLOBE) program as follows.

**ARTICLE 1 - THE GLOBE PROGRAM**

The GLOBE Program is an international environmental science and education program that brings students, teachers, and scientists together to study the global environment. GLOBE has created an international network of students at primary, middle, and secondary school levels studying environmental issues, making environmental measurements, and sharing useful environmental data with one another and the international environmental science community.

**ARTICLE 2 - RESPECTIVE RESPONSIBILITY**

A. The U.S. side will:

1. Identify U.S. schools that will participate in the GLOBE Program (details regarding GLOBE schools in Appendix A);
2. Select, in consultation with the international scientists and educators, the GLOBE environmental measurements and types of measurement equipment (described in Appendix B);
3. Select principal investigator teams for the GLOBE environmental measurements, and support the U.S. members of the teams;

4. Develop, in consultation with international scientists and educators, GLOBE educational materials;
5. Translate GLOBE instructional materials related to measurement procedures and data reporting protocols into the six United Nations languages, and provide a copy of these plus all broader GLOBE educational materials to the Tanzanian side for further reproduction as necessary;
6. Conduct regional training sessions for GLOBE Country Coordinators and GLOBE teachers who will serve as trainers for additional GLOBE teachers in Tanzania, and provide a copy of GLOBE training materials to the Tanzanian side;
7. Design, develop, operate and maintain GLOBE data processing capabilities and other necessary technology and equipment;
8. Provide GLOBE software, as necessary, for use on Tanzanian GLOBE school computers. (To the extent possible, textual material appearing on computer screens will be accessible in the student's choice among the six United Nations languages.);
9. Accept environmental data reported from GLOBE schools around the world, and develop and provide resultant global environmental images to the Tanzanian side; and
10. Evaluate the overall GLOBE program periodically, in consultation with international GLOBE Country Coordinators, and modify the overall program as appropriate.

**B. The Tanzanian side will:**

1. Identify Tanzanian schools to participate in the GLOBE program (details regarding GLOBE schools in Appendix A) and provide an updated list of Tanzanian schools to the U.S. side at the beginning of each school year;
2. Ensure that Tanzanian GLOBE schools conduct the fundamental activities of GLOBE schools detailed in Appendix A (take global environmental measurements, report data, and receive and use resultant global environmental images, using GLOBE educational materials under the guidance of teachers trained to conduct the GLOBE program);
3. Name a Tanzanian government point of contact responsible for policy-level communications with the director of the GLOBE program;
4. Name a Country Coordinator responsible for day-to-day management, oversight, and facilitation of the GLOBE program in Tanzania;

5. Ensure that the Country Coordinator and some GLOBE teachers attend GLOBE regional training and in turn provide GLOBE training to at least one teacher in each Tanzanian GLOBE school;
6. Ensure that GLOBE instructional materials related to measurement procedures and data reporting protocols are utilized in Tanzanian GLOBE schools, and that broader GLOBE educational materials are appropriately translated, adapted, reproduced, and distributed to all Tanzanian GLOBE schools;
7. Ensure that the measurement equipment used by GLOBE schools to take GLOBE environmental measurements meets the GLOBE specifications (described in appendix B);
8. Ensure that teachers and students at Tanzanian GLOBE schools calibrate GLOBE measurement equipment according to procedures provided in GLOBE instructional materials;
9. Ensure that Tanzanian GLOBE schools have the necessary computer and communications systems to allow Internet/World Wide Web access in order to report GLOBE environmental measurements and to receive and use GLOBE environmental images; if such computer and communications systems are not available in Tanzanian schools, make agreed alternative arrangements for such reporting and receipt. (At a minimum, the Tanzanian Country Coordinator will need access to Internet so that all measurement data from Tanzanian GLOBE schools will be reported via Internet.); and
10. Evaluate GLOBE operations in Tanzania periodically and assist the U.S. in conducting periodic evaluation of the overall GLOBE program.

### **ARTICLE 3 - FINANCIAL ARRANGEMENTS**

Each side will bear the costs of fulfilling its respective responsibilities under this agreement. Obligations of each side pursuant to this agreement are subject to its respective funding procedures and the availability of appropriated funds, personnel, and other resources. The conduct of activities under this agreement will be consistent with the relevant laws and regulations of the two sides.

### **ARTICLE 4 - EXCHANGE OF DATA AND GOODS**

GLOBE environmental measurement data, global environmental images, software, and educational materials will be available worldwide without restriction as to their use or redistribution.

**ARTICLE 5 - RELEASE OF INFORMATION ON  
THE GLOBE PROGRAM**

Each side may release information on the GLOBE program as it may deem appropriate without prior consultation with the other.

**ARTICLE 6 - DURATION**

This agreement will enter into force upon signature of the two sides and will remain in force for five years. It will be automatically extended for further five-year periods, unless either side decides to terminate it and so notifies the other side with three months' written notice. This agreement may be terminated at any time by either side upon three months' prior written notice to the other side. This agreement may be amended by written agreement of the two sides.

Done at Dar es Salaam, on April 1, 1997, in duplicate in the English language.

J. Brady Anderson

For the United States of America  
Ambassador J. Brady Anderson

Juma Athumani Kapuya

For the United Republic of Tanzania  
Prof. Juma Athumani Kapuya, Minister,  
Ministry of Education and Culture