

Short Report

Global Environment Research Program in 1999

It is important to steadily promote measures for global environmental conservation by broadening our scientific knowledge base for the purpose of solving our global environmental problems. The Environment Agency of Japan initiated the Global Environment Research Fund in 1990, in order to promote global environmental research and to make important contributions, both multidisciplinary and internationally, through the concentration of related researchers through mutual coordination and collaboration among national research institutes, universities and other research organizations. Research funding activities which are promoted are concentrated on the following nine areas: (1) Depletion of the ozone layer, (2) Global warming, (3) Acid precipitation, (4) Marine pollution, (5) Tropical deforestation, (6) Loss of biological diversity, (7) Desertification, (8) Human dimensions of global environment problems, (9) Other global environmental problems. Trend of the Global Environment Research Fund is shown in Fig.1 (Source: Environment Agency of Japan, 1999)

Purpose of the Program

This document describes basic policies and subjects relating to the global environment research to be executed with the Global Environment Research Fund reserved by Environment Agency of Japan for the promotion of comprehensive research on the global environment. The goal of this program is to provide the foundation for the conservation of the global environment in cooperation with international efforts in this area.

Basic Concept

Global environmental problems are matters of vaster in scale than environmental problems faced before. They cut across many fields, and many of their mechanisms and impacts remain unclear. Comprehensive and integrated research programs are needed to address these issues. The Global Environment Research Program promotes research on the global environment according to the following basic concepts, while considering domestic and international

trends in global environment problems, and link administrative bodies.

- (1) In order to promote research on the global environment both multidisciplinary and internationally, an interchange of related researchers should be enhanced. Mutual coordination and collaboration among national research institutes, universities and other research organizations should be promoted, under the cooperation of related ministries and agencies.
- (2) The Global Environment Research Program will assume an appropriate role in international research efforts and promote cooperative activities with foreign researchers and research organizations, through participation in and coordination with international research programs such as the International Geosphere-Biosphere Program (IGBP) and the World Climate Research Programme (WCRP).

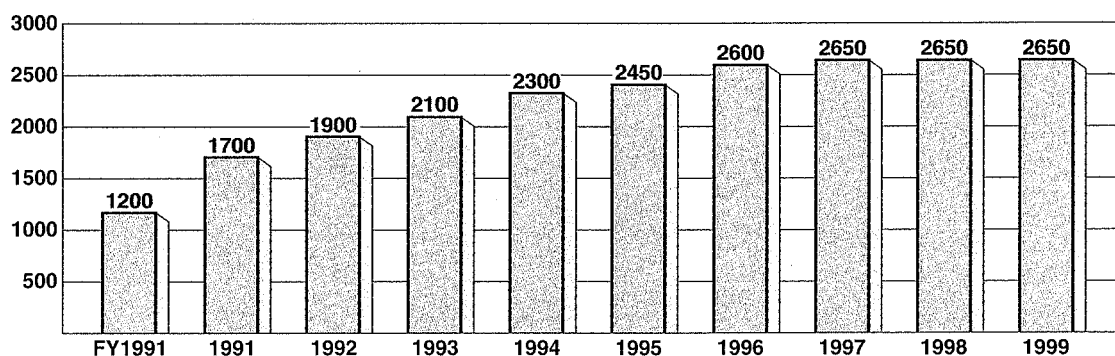


Fig. 1 Trend of the Global Environment Research Fund (Environment Agency of Japan)

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**List of Japanese National Institutes Participated in Global Environment
Research Program by the Environment Agency of Japan**

Environment Agency (EA)

National Institute for Environmental Studies (NIES)
TEL. +81-298-50-2310 FAX. +81-298-51-2854

Science & Technology Agency (STA)

National Aerospace Laboratory (NAL)
TEL. +81-422-44-3551 FAX. +81-422-42-1371

Economic Planning Agency (EPA)

Economic Research Institute (ERI)
TEL. +81-3-3581-0631 FAX. +81-3-3581-0516

Ministry of Health and Welfare (MHW)

National Institute of Public Health (NIPH)
TEL. +81-3-3441-7111 FAX. +81-3-3446-4314

National Institute of Infectious Diseases (NIID)

TEL. +81-3-5285-1111 FAX. +81-3-5285-1150

National Cancer Center Research Institute (NCCRI)

TEL. +81-3-3542-2511 FAX. +81-3-3545-3567

National Institute of Health Sciences (NIHS)

TEL. +81-3-3700-1141 FAX. +81-3-3707-6950

National Institute of Population and Social Security
Research (NIPSSR)

TEL. +81-3-3595-2984 FAX. +81-3-3591-4816

Ministry of Education, Science, Sports and Culture

The Institute Statistical Mathematics

TEL. +81-3-3466-1501 FAX. +81-3-3443-3552

Ministry of Agriculture, Forestry and Fisheries (MAFF)

National Institute of Agro-Environmental Sciences (NIAES)

TEL. +81-298-38-8167 FAX. +81-298-38-8199

National Agriculture Research Center (NARC)

TEL. +81-298-38-8510 FAX. +81-298-38-8484

National Institute of Animal Industry (NAI)

TEL. +81-298-38-8617 FAX. +81-298-38-8606

National Grassland Research Institute (NGRI)

TEL. +81-287-36-0111 FAX. +81-287-36-6629

National Research Institute of Agricultural Eco-
nomics (NRIAEC)

TEL. +81-3-3910-3946 FAX. +81-3-3940-0232

Japan International Research Center for Agricultural
Science (JIRCAS)

TEL. +81-298-38-6302 FAX. +81-298-38-6316

Forestry and Forest Products Research Institute (FFPRI)

TEL. +81-298-73-3211 FAX. +81-298-73-3270

National Research Institute of Fisheries Science (NRIFS)

TEL. +81-45-788-7615 FAX. +81-45-788-5001

National Research Institute of Far Seas Fisheries (NRIFSF)

TEL. +81-543-36-6000 FAX. +81-543-35-9642

Japan Sea National Fisheries Research Institute (JSNFRI)

TEL. +81-25-228-0451 FAX. +81-25-224-0950

Seikai National Fisheries Research Institute (SNFRI)

TEL. +81-958-22-8158 FAX. +81-958-21-4494

National Food Research Institute

TEL. +81-298-38-7971 FAX. +81-298-38-7996

Nansei National Fisheries Research Institute (NNFRI)

TEL. +81-829-55-0666 FAX. +81-829-54-1216

Hokkaido National Fisheries Research Institute (HNFRI)

TEL. +81-154-91-9136 FAX. +81-154-91-9355

National Research Institute of Aquaculture (NRIAQ)

TEL. +81-5996-6-1831 FAX. +81-5996-6-1962

Chugoku National Agricultural Experiment Station (CNAES)

TEL. +81-849-23-4100 FAX. +81-849-24-7895

Kyushu National Agricultural Experiment Station (KNAES)

TEL. +81-96-242-1150 FAX. +81-96-249-1002

Ministry of International Trade and Industry (MITI)

National Institute for Resources and Environment (NIRE)

TEL. +81-298-58-8100 FAX. +81-298-58-8118

Geological Survey of Japan (GSJ)

TEL. +81-298-54-3513 FAX. +81-298-54-3571

Mechanical Engineering Laboratory (MEL)

TEL. +81-298-58-7000 FAX. +81-298-58-7033

National Institute of Materials and Chemical Research (NIMC)

TEL. +81-298-54-6227 FAX. +81-298-54-6233

Electrotechnical Laboratory

TEL. +81-298-54-5021 FAX. +81-298-54-5345

Ministry of Transport (MOT)

Ship Research Institute (SRI)

TEL. +81-422-41-3005 FAX. +81-422-41-3026

Traffic Safety and Nuisance Research Institute (TSNRI)

TEL. +81-422-41-3207 FAX. +81-422-41-3233

Meteorological Research Institute (MRI)

TEL. +81-298-53-8534 FAX. +81-298-53-8545

Port and Harbour Research Institute (PHRI)

TEL. +81-468-44-5006 FAX. +81-468-42-9265

Ministry of Posts and Telecommunications (MPT)

Communications Research Laboratory (CRL)

TEL. +81-423-27-7465 FAX. +81-423-27-7587

Ministry of Labour (MOL)

National Institute of Industrial Health (NIIH)

TEL. +81-44-865-6111 FAX. +81-44-865-6116

Ministry of Construction (MOC)

Public Works Research Institute (PWRI)

TEL. +81-298-64-2211 FAX. +81-298-64-2672

Geographical Survey Institute (GSI)

TEL. +81-298-64-1111 FAX. +81-298-64-1804

Building Research Institute (BRI)

TEL. +81-298-64-2151 FAX. +81-298-64-2989