

Japan's Superior Environmental Technology to the World

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In this paper, I will report the topics related to the environmental researches and international circumstances of the global warming in our Office.

Strengthen Science and Technology Cooperation with Developing Countries, particularly in Africa : Efforts should be made, using official development assistance (ODA), to create local mutual networks by developing the higher education and research institutions that will form the local bases for cooperation aimed at joint research and human resource development, and by providing research facilities and equipment. In conjunction with these efforts, an Overseas Science and Technology Cooperation Corps (provisional name) for the implementation of cooperation in developing countries will be founded, in order to coherently conduct advanced joint research and human resources development in the recipient countries. Such activities could conceivably include projects to address environmental, water, and infectious disease problems that are closely related to the maintenance of human life and health, economic development, and the preservation of ecosystems, particularly in Africa. It will be necessary to work out how to use ODA for such science and technology cooperation projects.

Disseminate and Demonstrate Japan's Superior Environmental Technology to the World : Japan will actively provide the fruits of its superior environmental technology to the developing countries according to their need. For example, satellite imagery from advanced earth observation satellites could be provided to China, India, and other countries in Asia, as well as to countries in Africa. Data from the Earth Simulator could be provided to forecast changes in climate and water conditions in regions around the world 100 years into the future. Support could also be provided for local demonstrations of Japan's world-class technology in such fields as the environment, energy, and water. This would be done with the participation of industry at the most suitable locations. In ways such as these, Japan can actively deliver its technology to the world.