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Air Pollution Control Technology Manual

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Overseas Environmental Cooperation Center

Preface

Japan has manifested, both domestically and internationally, a policy of strengthening support for environmental conservation in developing countries, and it is hoped that Japan will play a major role in technological cooperation by translating this policy into more "visible assistance" and dispatching capable personnel to developing countries so that specialists from both Japan as well as developing countries will be able to collaborate in problem solving.

A distinguishing feature of the environmental problems in developing countries is that environmental deterioration on a global scale is occurring at the same time as serious environmental pollution like that Japan experienced during its high growth period. In addition, regardless of the present situation, the pressures involved in the economic development that these countries are seeking is growing all the more while they continue to neglect paying sufficient consideration to the environment.

When Japanese specialists are dispatched to developing countries that are facing such circumstances, they are often questioned about a wide-range of issues concerning environmental conservation which are not limited to their personal fields of specialty. An obvious need has arisen to provide materials with such a wide range of content in order to support these types of specialists.

With this situation in mind, extensive materials on conservation technology, within the field of air quality conservation, which has become a serious issue and here has been much demand for technology transfer from developing countries, have been put together in this "Air Pollution Control Technology Manual". It would give me great pleasure for this manual to be utilized not only for the transfer of technology concerning the environmental field from Japan to these developing countries but also as research material for the training of international environmental cooperation specialists.

This manual was written by persons of learning and experience in the field of air pollution control in Japan, and it was put together by various specialists in each field with advice from the members of The Air Pollution Control Technology Manual Committee. I would also like to thank Professors Yasuji Himi and Yoshio Saiki for taking time out from their busy schedules to proofread the manual. I would like to extend my greatest appreciation to all those who have been involved in the making of this manual.

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