

# GLOBAL CARBON DIOXIDE EMISSION SCENARIOS AND THEIR BASIC ASSUMPTIONS

—1994 SURVEY—

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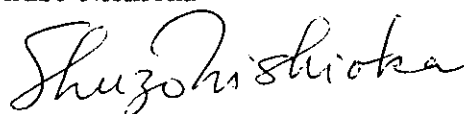
## PREFACE

This report is the first in a series of surveys planned to be conducted every few years to review and collate global CO<sub>2</sub> emission models and the assumptions upon which they are based. It was prepared for Working Group III of the Intergovernmental Panel on Climate Change (IPCC), which is currently conducting its second review of climate change research. The basic information in this report was supplied to Writing Team 10 whose responsibility it is to assess the IPCC 1992 emission scenarios.

The Center for Global Environmental Research (CGER) is participating in IPCC work through Working Groups II and III, as part of its activities to promote communication between the international scientific community and decision makers, especially in the impact assessment and policy options fields. CGER played a key role in editing the 1990 report of Working Group II of IPCC. The report "Preliminary Guidelines for Assessing Impacts of Climate Change (1992) IPCC/UNEP/WMO", prepared in conjunction with the University of Oxford (as co-chair of the working sub-group on Guidelines) was our second contribution to Working Group II. The third contribution was the report "The Potential Effects of Climate Change in Japan". In the second stage of Working Group II's work, CGER is now preparing detailed "guidelines" for assessing the impacts of climate change and necessary adaptations.

We hope that the publication of this report will also make a useful contribution to IPCC, and greatly appreciate the efforts of the model developers and their colleagues in Team 10 of Working Group III for providing information on their research.

Shuzo Nishioka



Director

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