

CGER'S SUPERCOMPUTER ACTIVITY REPORT 1992

Vol.1

Center for Global Environmental Research



National Institute for Environmental Studies
Environment Agency of Japan

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NIES:National Institute for Environmental Studies
CGER:Center for Global Environmental Research
EIC:Environmental Information Center

Foreword

The Center for Global Environmental Research (CGER) was established in October 1990 in the National Institute for Environmental Studies (NIES), Environment Agency of Japan, aiming at contributing broadly to the elucidation of, and solution for, our pressing environmental problems.

CGER is providing research-support functions such as database and supercomputer for the research workers in various fields.

The supercomputer system of CGER is mainly provided for research concerning with global environmental issues, and opened to researchers in any parts of the world.

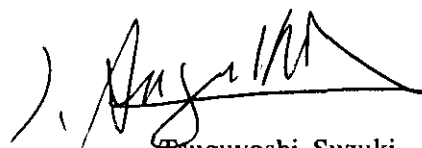
Research programs proposed by researchers are evaluated by the Supercomputer Steering Committee which consists of specialists on climate model, atmospheric chemistry, oceanic circulation and computer science. After a proposal is approved, the usage of the system is certified.

This annual report compiles the research activities in 1992 of all the users of CGER's supercomputer. Respective research papers do not necessarily show final results of the programs, which are to be published in the form of "full paper" after the programs are finished.

This report consists of research papers, which are classified into five categories; Climate Modeling, Atmospheric and Oceanic Environment Modeling, Geophysical Fluid Dynamics, Remote Sensing and Other Research, and a supercomputer overview.

We hope this report gives you useful information on the global environmental research using supercomputer system. Please comment freely, directly to the Research Integration Section of CGER, so that subsequent reports both truly reflect and effectively foster cooperation throughout the community of modelers using supercomputer.

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