

Preface

During the last few years, various possible options to reduce the carbon dioxide emission to atmosphere have been discussed. Among these, capture and sequestration of carbon dioxide from fossil fuel combustion is closely related with the earth sciences. Because some CO₂ capture technologies are commercially available and handling large amounts of CO₂ is also an existing technique in the field of Enhanced Oil Recovery, the main challenge exists in the prediction of the behavior of sequestered CO₂ in the environment.

Direct ocean disposal of CO₂ is a sequestration option with high potential but where practical implementation would not be possible without further knowledge of the overall effect on the ocean environment and the ultimate fate of the injected CO₂. Central Research Institute of Electric Power Industry organized and sponsored two workshops to exchange ideas among specialists on this subject.

We hope that these proceedings will encourage further study on the careful thorough examination of possible deep ocean disposal options. We thank the contributors to the workshops for their patience in waiting for this publication. We also thank the participants who enthusiastically discussed on this important and interesting topic.

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