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## Rapid sea level rise and mangrove habitat

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## Preface

It is feared that mangrove forest will be destroyed by a rise in the sea level induced by global warming from greenhouse effects resulting from the increase in levels of carbon dioxide caused by human activities. However, examination of geological history reveals that the sea level has changed before, even in the Postglacial Age. It became lower after the maximum rise in the Hypsithermal Era, then rose again about 2,000 years ago to the present level. We intended to analyze the responses of the mangrove to these sea level changes, particularly the recent rise. This is a report of a study carried out in Micronesia and the Philippines in the western Pacific in 1992 and 1993.

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