

ツバル国フナフチ環礁を対象とした植生生育環境の調査

Field Survey of Coastal Vegetation using satellite image and surveying data at Funafuti Atoll, Tuvalu

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The objective of this study is to investigate land cover around the shoreline, and the geographical feature conditions of coastal vegetation growing on Funafuti Atoll, Tuvalu. In order to maintain the living environment of the South Pacific islands countries, sea-level rise is a serious problem. Thus, in this study, analyzed was the relation of land cover of shoreline area and hinterland by using aerial photograph (1984) and satellite image (2004). Then, geographical feature conditions of the coastal vegetation growing under natural condition were surveyed, and it was found that the coastal vegetation was growing in the altitude of about 2.2m.

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