

ABSTRACTS
(of papers not presented as reports or notes)

NEW RATIONALE FOR THE CONSERVATION AND RESTORATION OF MANGROVE ECOSYSTEMS
By Tenshi Ayukai¹, Hiromi Nakano², and Makoto Ogawa³: ¹Australian Institute of Marine Science (AIMS), Townsville, AUSTRALIA, ²Kansai Electric Power Co., Inc. (KEPCO), Osaka, JAPAN, ³Kansai Environmental Engineering Center Co. Ltd. (KEEC), Osaka, JAPAN:—Annual net photosynthetic production rates in mangrove forests are as high as those reported for tropical rainforests. Mangrove ecosystems as a whole also act as an efficient trap for organic carbon and other materials. These findings have led to the realisation that mangrove ecosystems play an important role in the fixation and storage of atmospheric carbon dioxide and added a new rationale for the conservation and restoration of mangrove ecosystems.