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Assessing impacts of habitat modification on a subtropical saltmarsh

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Abstract

A salt marsh site in south east Queensland, Australia, that was modified for mosquito control has been monitored, quarterly, for 20 years. The impacts of the modification appear to be minimal but the monitoring has resulted in an understanding of fine scale processes operating on the marsh and the nature of vegetation change over the period. This information may be useful to those seeking to restore marshes, as selecting an appropriate assemblage of plants may maximise the chance of success. Using remote sensing it has also addressed some concerns expressed by environmental agencies, regarding, for example, mangrove intrusion into the marsh.