

## **Defining the spatial extent of New Zealand's coastal zone**

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### **ABSTRACT**

The Integrated Catchment Management (ICM) programme is a large, multidisciplinary research programme aimed at developing tools and information for the better management of catchments and the coastal marine environment. The ICM is managed by Landcare Research and involves a number of research providers and stakeholders, including the Cawthron Institute and Tasman District Council. The marine component of this programme, conducted by the Cawthron Institute, aims to better understand the links between land use and productivity and water quality in the coastal zone. Work-to-date in this component has involved the collection and analysis of data from Tasman and Golden Bays, and the development of coupled numerical hydrodynamic and eutrophication models. The data and models will be discussed here.

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