Environmental Creation and Evaluation of Shallow Waters

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Abstract

In this paper, two different approaches to assess the bottom material environments in the head of Tokyo Bay (TB) are proposed.

The first method is to illustrate the present condition of load material environments with three axes; those are the sediment organism index, diversity index and bottom material factor.

In this demonstration the concepts of environmental creation are analyzed and show the reasonable way of compensation and restoration. Moreover, the effectiveness of technique using neural network is shown by comparing estimated data with field data of bottom material of TB.