

Environmental Impact by Reclamation Projects in Osaka Bay

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Abstract

The National Projects of Comprehensive Development were recently announced and the development plan at the coastal sea area has been discussed actively. Accordingly, the concrete environmental assessment and the environmental restoration/creation are strongly required for the implementation of the environmental assessment law which was enacted in 1997.

The environmental assessment has been usually done for the each development project and the total and simultaneous environmental assessment for the all development projects to be done at the whole Osaka Bay area has not been done so far. In order to understand the environmental impacts at the whole Osaka Bay area in case that 4 large scale projects (Kobe New Airport, Rokko Island south, Osaka new reclaimed land, and expansion of Kansai Airport) to be implemented within 20 years since 1997 are done simultaneously, we had a number of experiments using the Seto Inland Sea hydraulic model.