

Fig.1 An example of water quality simulation (T-N)

Fig.2 An example of Tsunami resonance analysis

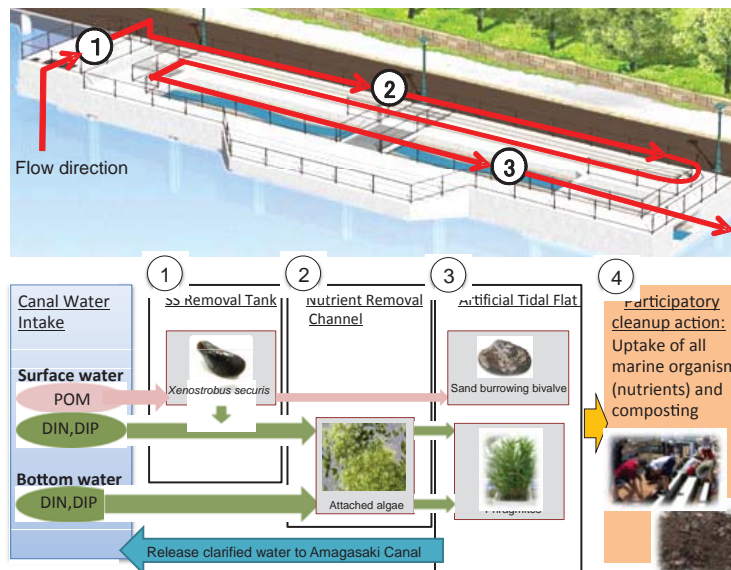


Fig.3 Structural configuration of the water-quality-improvement-plant in Amagasaki Canal

Content:

He is Physical and Chemical Oceanographer, Ecologist and Tsunami researcher – doing his Master’s in Marine System Engineering at Osaka Prefecture University, Japan and his Ph.D in Coastal Hydrodynamics Modeling at Osaka University, Japan. His research applies a baroclinic flow model, ecosystem model (Fig.1) and Tsunami model (Fig.2) to manage a coastal environment. Also, he have joined a public project for developing a biological purification techniques for eutrophic coastal waters (Fig.3).

His final research goals are as below;

1. development an integrated coastal environmental model to assess not only environmental impact but also social impact.
2. finding out a way to achieve sustainable coastal environmental restoration in Japan and other courtiers.

Keywords: Ocean Model, Biological Purification

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