

## Let's Make the Sea of Amagasaki Blue! – A Project on Restoration of Osaka Bay

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Amagasaki Port, located in the innermost part of Osaka Bay, and the Amagasaki Waterway partitioned by lock gates have particularly bad water quality in Japan. We are working on the improvement of water quality in those areas. In our research, we are examining water quality of the Amagasaki Waterway, Amagasaki Port, and Osaka Bay in cooperation with Hyogo Prefecture, utilizing an investigation ship of the Hyogo-Prefectural Amagasaki Port Administration Office. We are also doing some experiments on helping bivalves grow in the waterway and checking their ability to purify water, utilizing them as fertilizer after the experiments. We are working on the project in cooperation with local elementary and junior high schools, universities, the local government, and local residents, hoping that this project will be a leading model for environmental restoration of the Seto Inland Sea including Osaka Bay and other enclosed coastal seas around the world. In the future, we are going to rouse high school students to take action on environmental research and restoration in the Seto Inland sea and enclosed coastal seas in the world. We are hopefully going to hold a national forum of high school students.

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