

# Research about the Seawater/Freshwater Interface through the Development of the Coastal Area

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Japan Atomic Energy Research Institute (JAERI) and High Energy Accelerator Research Organization (KEK) are now constructing a Japanese Proton Accelerator Research Complex (J-PARC) in Tokai Village, Ibaraki. J-PARC is located on the beach and it occupied 1km X 2km area. We observe the change in groundwater environment and the change of the shape of Seawater/Freshwater Interface through the construction. And evaluate the factor which concerning about the shape of the Seawater/Freshwater Interface.