

鶴岡市立加茂水族館-クラゲドリーム館-

## **KAMO AQUARIUM-JELLYFISH DREAM PAVILION-**

Through boasting the world's best display of jellyfish exhibitions, the Tsuruoka Municipal Kamo Aquarium has been highly evaluated for its academic and educational value both in domestic and international.

The renovation work of the new aquarium, aiming for enhancement of the jellyfish display, exhibit and forest resources and marine resources in Tsuruoka City, as well as to strengthen lifelong learning functions as the only aquarium has completed and opened on June 1, 2014.

Appearance of the aquarium incorporates a curved surface created by imagining “jellyfish in the waves”. Organized connection of “an exhibition space connected with one stroke way in a slope”, “an ecological exhibition space of marine animal”, “a courtyard show stage” and “an observation deck” are organically connected, we have acquired a rich space even in a compact size.

The first 5meter large-diameter jellyfish tank in the world, is designed using the CFD analysis model on the basis of the water flow measurement of the old aquarium. This made it possible to realize jellyfish beautifully floating water flow in aquarium.

Since it is a facility built on the coastline, we provided tsunami and disaster prevention measure ; we applied various design facilities that take into account unique environmental characteristics to the site as well as simulation of natural ventilation in the courtyard.