



Description of Sea Horse

An ideal energy source would be inexhaustible, and extant. It would entail minimal construction costs and would not necessitate the purchase of expensive land. “What energy source meets all of these criteria?”

The answer to this question is “ocean currents,” particularly the Kuroshio Current, which flows north along the Ryukyus and along both coasts of mainland, Japan.

We use a wind turbine generally used on land for generating power, hung upside down to function as a water-wheel generator to be immersed undersea. The three white blades of the wind turbine kept twirling under the cobalt-blue seawater. There is a buoy installed atop the wind turbine, so that the machine would float in the water. Its principle is somewhat similar to that of kite-flying. The wind turbine is placed in the Kuroshio Current. Since the Kuroshio Current flows uninterrupted, the unstable supply that plagues solar and wind power generation is not an issue. Strong winds and waves that cause technical troubles to power generators in previous experiments do not occur deep underwater, and metals do not rust so readily because of less oxygen in deep-sea water.

This is the alternative energy to nuclear energy.