

## Kingfisher News

This year, there were some cool mornings and evenings, which allowed the cherry blossoms to last longer and we were able to fully enjoy them in full bloom. Starting now, we would like to inform you about the seaweed bed restoration activities that our corporation is carrying out in Etajima City, Hiroshima Prefecture.

When seaweed beds are regenerated, they not only consume carbon dioxide from the seawater but also provide a habitat for small fish.

### Topic

#### Seaweed Bed Regeneration Activities (1)

This time, the topic is "The current state of seaweed beds in the Seto Inland Sea and methods for their restoration."

The area of eelgrass beds in the Seto Inland Sea decreased significantly between 1960 and 1971, from approximately 23,000 hectares to 5,600 hectares. (Eelgrass beds are a type of seaweed bed.) The main cause of this is said to be the filling in of tidal flats during the post-war economic growth period. The tidal flats, which amounted to approximately 25,000 hectares in 1898, had shrunk to approximately 12,000 hectares in 2006.

Furthermore, according to documents from the Hiroshima Prefectural Fisheries Experimental Station, 4,500 hectares of eelgrass beds in Hiroshima prefecture disappeared in the 30 years since the end of the war, and a survey conducted in 1976 left only 2,000 hectares. The loss seems to be particularly severe in urban areas in the western and eastern parts of the prefecture.

Furthermore, in the waters of Hiroshima Bay, over the 16 years from 1976 to 1991, the remaining eelgrass beds shrank by another 70%, to 169 hectares.

So how can you play it back? A survey of the regeneration methods that have been used across the country to date reveals that they include 1. sowing seeds using burlap bags, 2. transplanting seedlings using pots, and 3. under-seeding using ropes. For this activity, we will use method 1, which is less expensive and does not require hiring people with specialized skills. We will introduce this method in the next article.



#### Activity schedule

The 28th Panel Exhibition : April 22-May20, 2025 Fuji Grand Hiroshima 3rd Floor in front of Garden Kitchen

#### Activity report

The 27th Panel Exhibition : April 4-17, 2025 Fuji Grand Midorii 4th Floor Gallery "Passage"

Please visit our website for more details.



特定非営利活動法人  
Environment NGO

**Kingfisher**



TEL : (082) 548-8822 FAX : (082) 548-8833

e-mail : [information@ngo-kingfisher.or.jp](mailto:information@ngo-kingfisher.or.jp)

<https://ngo-kingfisher.or.jp>