

# Taking Back Our Precious Ocean

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## 【Abstract】

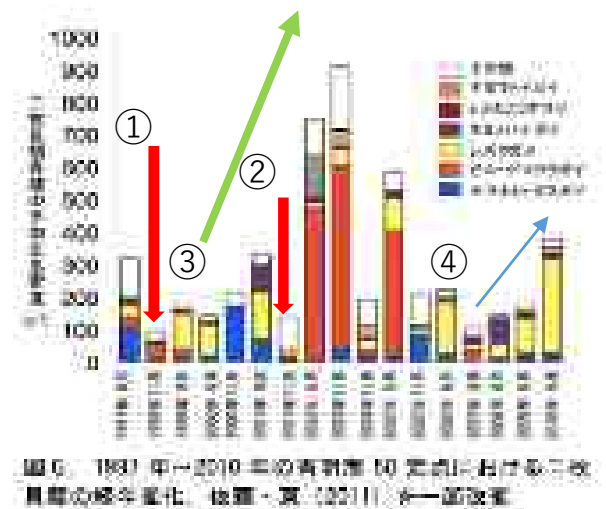
A few days ago, a trial was held on whether the gate of the dam in Isahayawan in Kyusyu should be opened or closed. Now, many problems are happening due to the construction of this dam. These problems are collectively called “Ariake Sea Accident.” For this study, I payed attention to the insufficient oxygen problem and I suggested mitigation measures.

## 【Hypothesis】

The rebirth of algae can solve the problems regarding the lack of oxygen in the Ariake Sea.

## 【Current Oxygen Problems】

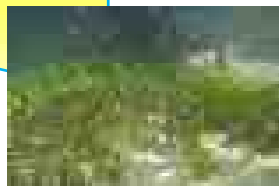
- ①…They sharply decreased in low oxygen water in June 1997.
- ②…They sharply decreased in low oxygen water in June 2001.
- ③…The amount of Birodo-Makuragai increased, which can live in a low oxygen environment.
- ④…The amount of Sizukugai increased, which is similar to ③.



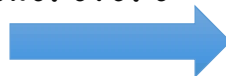
## 【Recovering Algae】

- Are there any problems with planting seaweed in the Ariake sea?

**Koamamo is living in there now!**



therefore...



**No problem!**

- How do we plant that?

- 1, Using hemp bags
- 2, Using pots
- 3, Using rope

**Each option has advantages and disadvantages.**

**Use a different way according to the situation.**

## 【Summary】

- Thinking “what can I do?” is important.
- Knowing more about the problems will change our perspective.

参考…荒尾干潟自然環境業務報告書(一般財団法人九州環境管理委員会)  
有明海の生態系再生を目指して(日本海洋学会 東幹夫)