

# **DOWAS NEWS**

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**海洋深層水利用学会**

## About Deciding the FY2022 DOWAS Society Award

2022/10/26

DOWAS Society Award Committee Chair

IKEGAMI Yasuyuki

The FY2022 DOWAS Society Award has been decided as follows:

Artificial Sea Mount Institute Co. CEO SUZUKI Tatsuo

“Sea Area Fertilization with Subsurface (including DOW) Water using Artificial Structures and Demonstration of its Business Feasibility.”

The award ceremony was held at the FY2022 DOWAS National Conference (held online) on October 26, 2022.

Photos 1 and 2 show the award ceremony.



Photo 1  
(Greetings from Chair IKEGAMI)



Photo 2  
(Greetings from SUSUKI Tatsuo)

### 【Reason for Selection】

SUZUKI Tatsuo focuses on the fact that natural seamounts supply nutrient salts from subsurface water (including DOW) to the production layer, increasing the bio productivity of the surrounding area. In particular, the results have been implemented including the construction of a submarine structure (mound) off Matsuura in Nagasaki Prefecture as a subsidized project of the Fisheries Agency, and construction of artificial mounds as public projects in Nagasaki, Kagoshima, Miyazaki, Shizuoka, etc. So far, 11 man-made mounds have been built or are under construction. Furthermore, since 2010, a project under the direct control of the government has been added and five artificial mounds have been constructed or are under construction. The fertilization of sea areas with DOW is one of the major goals of DOWAS and Dr. Suzuki's achievements are extremely useful when considering the utilization of DOW, and have been evaluated by many other academic societies. To date, he has published 21 peer-reviewed papers and 73 review articles. In May 2002, he received an environmental award from the Japan Society of Civil Engineer for “construction of an artificial undersea mountain range aimed at food production in the sea.” Artificial fertilization of sea areas by subsurface water, including DOW has been proposed and implemented by Dr. Suzuki and has attracted the interest of concerned parties worldwide. Dr. Suzuki is truly a pioneer in utilizing the eutrophic properties of DOW. As described above, Dr. Suzuki's achievements to date have been evaluated as more than worthy of the Society's award.

**Report on the 26<sup>th</sup> DOWAS National Conference**

**DOWAS National Conference Research Presentation Planning Committee Chair  
SHIMIZU Katsunori**

**The FY2022 26<sup>th</sup> DOWAS National Conference was held Wednesday October 26.**

**As with last year, this year's conference was held completely online to prevent the spread of COVID-19, and was the third year in a row that we were unable to gather.**

**Regarding the number of research presenters, there were 15 general research presentations, one poster presentation titled "The Current Status of DOW products 2022" from the Utilization Promotion Committee, and a special presentation from the Education Promotion Committee. A total of 17 announcements were made for "Introduction to Committee Activities," in addition, regarding submissions from overseas, there was a presentation from South Korea.**

**There were applications to participate from 61 members, 8 non-members for a total of 69 people. On the day there were 55 members, 4 non-members and 3 overseas participants (2 from South Korea, 1 from Taiwan).**

**For general research presentations, in addition to themes such as "energy-related, aquaculture-related, environment-related, resource conservation-related, microorganism-related, and food use-related," there was also one presentation on the maintenance of water intake facilities.**

**The allotted time for presentations was 15 minutes per topic, including time for questions and answers, and overall, the presentations went smoothly.**

**In addition, we used our secretariat's (Saga University) web system, and would like to thank them for their cooperation, including operation. Thank you for the opportunity to share here.**