

# DOWAS NEWS

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Report on 2022 Annual Meeting and Lecture  
ARIMA Hirofumi (DOWAS Secretary General) …1



海洋深層水利用学会

## Report on DOWAS 2023 Annual Meeting and Lecture

ARIMA Hirofumi (DOWAS Secretary General)

### 【Annual Meeting】

○Date: Wednesday, May 31, 2023 15:00-16:00

○Venue: Tokyo University of Marine Science and Technology Shinagawa Campus Rakusui Kaikan  
Conference Room and Online (Zoom) Hybrid Event

○Materials: Proposals for DOWAS 2023 Annual Meeting (21 pages)

○Proceedings:

#### 1. FY2022 Business Report

The secretariat and each committee reported on 2022 projects based on pages 2-14 of the agenda.

#### 2. FY2022 Financial Report

The secretariat explained the FY2022 accounts based on page 15 of the proposal.

#### 3. FY2022 Audit Report

Account Auditor Dr. Yasunaga reported on page 16 of the proposal that the audit was conducted on March 22, 2023, and the accounting of the Association was properly processed.

#### 4. FY2023 Business Plan

The secretariat and each committee explained the business plan for FY2023 based on pages 17-19 of the proposal, and it was approved.

#### 5. FY2023 Budget

The secretariat explained the FY2023 budget proposal based on page 20 of the proposal and it was approved as originally written.

#### 6. Other

none

※For Annual Meeting Materials, please refer to the DOWAS website.

### 【Lecture】

○Date: Wednesday, May 31, 2023 16:10-17:10

○Venue: Tokyo University of Marine Science and Technology Shinagawa Campus Rakusui Kaikan  
Conference Room and Online (Zoom) Hybrid Event

○Subject:

① Commemorative Lecture for DOWAS Award (local)

“Proliferating natural fish in deep ocean water”

SUZUKI Tatsuo, Representative Director, Artificial Sea Mount Institute Co.

(2022 Society Award)

**② Keynote Lecture (online)**

**“Urban Development utilizing DOW – Contribution to Industrial Development and Decarbonization: Challenging SDGs”**

**FUNAMOTO Tsuyoshi, Deputy Manager, Kirakira Commerce and Tourism Division, Nyuzen Town, Toyama Prefecture**

**【Status of Participation, etc.】** The 2023 Annual Meeting and Lecture was held with 19 participants locally and 21 online participants with 54 proxy letters. At the general meeting, Chair Otsuka was elected as the moderator and the results of activities and budget for FY2022 as well as proposed activities and budget for FY2023 were reported to and approved by the participants. We would like to express our deep gratitude to all the members who participated in the annual meeting for their cooperation despite busy schedules.

**【About the Lectures】****① Commemorative Lecture for the Society Award**

As a commemorative lecture for the 2022 Society award, Mr. SUZUKI Tatsuo, representative director of the Artificial Sea Mount Institute Co., who received the award, gave a lecture titled “Proliferating natural fish in deep ocean water.” SUSKI Tatsuo focused on the fact that natural seamounts supply nutrient salts from subsurface water (including deep ocean water) to the production layer, increasing the productivity of the surrounding organisms. With regard to increasing productivity, achievement have been accumulated through repeated theoretical studies and laboratory experiments. In this lecture, the method of installing artificial seamounts using post-building waste, etc. was introduced. He also proposed a recycling system that combined building demolition waste for seamounts.

**② Keynote Lecture**

Mr. FUNAMOTO Tsuyoshi, Deputy Manager, Kirakira Commerce and Tourism Division, Nyuzen Town, Toyama Prefecture gave a lecture on Nyuzen Town’s “Urban Development utilizing DOW.” In the lecture, Nyuzen Town and use of DOW in multiple stages at rice factories, oyster, and abalone farming facilities was introduced. In addition, new efforts are being made to take advantage of DOW such as cultivating salmon. He also announced the intake facility was expanded this year with the amount of water intake increased to 4,270m<sup>3</sup>/day. Offshore wind power plants are also progressing off the coast of the town, so the lecture included the SDGs initiatives of the town.



**Annual Meeting Setting (Zoom)**



**Venue Setting**



**Lecture Setting (Mr. Suzuki)**



**Keynote Setting (Mr. Funamoto)**