

DOWAS NEWS

2024

Vol.27 No.1



Notice of the 28th DOWAS National Conference DOW 2024 Muroto Conference
DOWAS National Conference Executive Committee Chair Ueda Soichiro... 1

Report on the FY2024 DOWAS General Meeting and Lecture
Former DOWAS Secretary General Arima Hirofumi... 9



海洋深層水利用学会

Notice of the 28th DOWAS National Conference
DOW 2024 Muroto Conference

DOWAS National Conference
Executive Committee Chair Ueda Soichiro

The 28th DOWAS National Conference, DOW 2024 Muroto Conference will be held as below, so please participate.

The conference will include general lectures, special symposiums, tours, etc. To apply to participate in the conference and make a presentations, please follow the instructions below and apply through the [application form](#) on the website.

Details

1. Program

Thursday, October 17, 2024

- 9 : 00~ 9 : 30 Registration
- 9 : 30~10 : 00 Opening remarks
- 10 : 00~12 : 00 Research Presentations
- 12 : 00~13 : 00 Lunch
- 13 : 00~17 : 00 Research Presentations
- 18 : 00~20 : 00 Reception

Friday, October 18, 2024

- 9 : 30~11 : 00 Research Presentations
- 11 : 00~12 : 00 Award Ceremony, Closing Remarks, etc.
- 12 : 00~13 : 00 Lunch
- 13 : 00~15 : 30
 - DOW Summit 2024 Panel Session
~Rethinking the value of DOW and the challenges of utilization
~
 - Onsite Lessons for Elementary Students
- 18 : 00~20 : 00 (Special Social Gathering)

Saturday, October 19, 2024

- 9 : 30~12 : 00 Tour (disband)
- 10 : 00~ DOW Festival

※Please note that oral presentations are limited to 15 minutes (including Q&A)

※The program and times are subject to change. Details and the latest information will be updated on the DOWAS website. If you plan to attend, check the latest information.

DOWAS News 2024 Vol.27 No.1

Notice of the 28th DOWAS National Conference DOW 2024 Muroto Conference

DOWAS National Conference Executive Committee Chair Ueda Soichiro

DOWAS

2. Venue

Muroto City Health and Welfare Center Yasuragi 室戸市保健福祉センターやすらぎ
Address : 87 Ryoke, Muroto City, 781-7109
T E L : 0887-22-3100

3. Method

The event will be in a hybrid (online and in-person) format.

Please note that the usual participation fee will be charged to both onsite and online participants. In addition, the academic journal (special issue) will be distributed in advance to everyone, including those participating online, so please do not omit the address section on your application form. Please note we cannot accommodate requests made at the last minute.

4. Fees

Members: 4,000JPY Non-members: 5,000JPY Students: 2,000JPY (Including cost of abstract)

Bank Details : Sumitomo Mitsui Banking Corporation, Saga Branch 三井住友銀行 佐賀支店

Account Number : Ordinary 0 6 4 2 0 6 6

Account Name : 海洋深層水利用学会事務局 (かいようしんそうすいりようがっかいじむきょく)

Notes : Enter”第 28 回全国大会参加料” and your name

※Please write only your name and abbreviation of affiliation in the “remittance requester column”

(Example) 海洋深層水・海底

※You will be asked to show the transfer slip or transaction slip (if using an ATM) at the reception on the day of the conference, so please keep it and bring it to the venue.

※If you register on the day, the fee will be 5000JPY regardless of membership. However, for participants from Korea and Taiwan, payment will be accepted in Japanese yen so there is no need to transfer in advance.

※Please note, as a general rule, participation fees once paid will not be refunded. For those who have paid in advance, but are unable to attend on the day, we will mail only the journal containing abstracts at a later date.

5. Participation and Presentation Application Method (Please fill out the [application form](#))

Participation : If you wish to participate (whether you present or not) please fill in the required information in “1. Application for DOW2024 Muroto Conference Participation” section of the application form.

Ensure you note if you will participate onsite or online.

Research Presentation : If you wish to give a general research presentation, please fill in the required information in the “2. Application for Research Presentation” (onsite or online) in the [application form](#).

DOWAS News 2024 Vol.27 No.1

Notice of the 28th DOWAS National Conference DOW 2024 Muroto Conference

DOWAS National Conference Executive Committee Chair Ueda Soichiro

DOWAS

Important Dates :

Participation Application Deadline	Fri. October 4, 2024
Research Presentation Application Deadline	Fri. August 30, 2024
Abstract Submission Deadline	Tue. September 17, 2024 【final】

※Please submit abstracts in electronic (Word) format. PDF data will not be accepted.

Other : Presentations will be 15 minutes (including Q&A)

The number of oral presentations will be limited to about 25. Presentations exceeding 25 will be presented as posters. Application is on first-come, first-served basis so apply early.

Please note that oral presentations (including web presentations) are limited to members, however, non-members are welcome to present via poster, although at least one applicant (co-author) must be a member. Non-members wishing to give a presentation can register as a member prior to applying, which will also lower the participation fee. To apply for membership visit our website.

For more information contact us via:

Executive Committee Secretariat : Shimizu Co. Engineering Division
New Energy Engineering Division, Shimizu Katsunori
〒104-8370 16-1 Kyobashi 2-Chome, Chuo-ku, Tokyo
Phone 03-3561-4327
FAX 03-3561-8675
Email katsunori.shimizu@shimz.co.jp

6. Guidelines for Preparing Abstracts for Research Presentations (oral, web, and poster)

- Abstracts should be in either Japanese or English and 1 A4-size page
- The submitted manuscript will be used for printing as is, so send electronic data (PDF strictly prohibited) with an easy to read format. A simple review will be conducted to correct typos and omissions. [Example submission.](#)
- Use A4 size in portrait orientation with 25mm margins on all sides.
- The order of writing should be title, presenter's name, and main text with details as follows.

First Line : Title→MS Gothic Font 12pt, centered.

Second Line : Presenter Name→MS Mincho Font 10pt., centered. Presenters should put a “○” mark to the left of their name. For affiliation write the company name in parenthesis after the name. In the case of co-authored works, use a “・” mark to separate them. Use of two lines is permitted.

DOWAS News 2024 Vol.27 No.1

Notice of the 28th DOWAS National Conference DOW 2024 Muroto Conference

DOWAS National Conference Executive Committee Chair Ueda Soichiro

DOWAS

Third Line : leave blank.

Fourth and Subsequent Lines : abstract main text.

- The main text should describe the purpose, method, results etc. (including figures and tables) [Example submission](#).
- Submitted abstracts must arrive by September 15, 2024 to the executive committee secretariat (this also applies when sending by email).
- In the past, there have been cases where submitted content has violated intellectual property rights. Please make arrangements with the IP holder before submitting or presenting. Please note that the Executive Committee Secretariat and DOWAS Secretariat cannot take any responsibility.
- The organizers will prepare display panels (A1 size x1), thumb tacks, and tape for the poster sessions, however, in principal, the presenter is responsible for setting and removing their poster.

7. Research Presentation Guidelines (oral)

- Oral Presentations will be 15minutes per topic (including Q&A)
- Presentations should be in Japanese or English.
- Those who plan to use video should notify us in advance.

8. Creating and Submitting Presentation Power Point Data

- There is no need to submit a presentation to the secretariat in advance, however, presenters should use the break time on the day of their presentation to submit the data to the person in charge of the projector at the venue and check the image quality. This does not apply if you wish to operate the projector yourself.
Only a projector will be used for presentations, so create slides that can be seen clearly from the back of the venue.

9. Social Gathering/Reception

Date Thursday, October 17 18 : 00~20 : 00
Fee 5,500JPY (Payment in Advance 事前の払込みをお願いします)
Venue Murogen
Address : 〒781-7101 6810-152 Murotomisaki-cho, Muroto City
T E L : 080-2341-3787
Application Method Apply via the [application form](#).

Transportation For those staying in Muroto City, there will be a shuttle bus. After returning to your hotel after the conference, a bus will pick you up and return after the gathering. **Please note your accommodation when applying.**

DOWAS News 2024 Vol.27 No.1

Notice of the 28th DOWAS National Conference DOW 2024 Muroto Conference

DOWAS National Conference Executive Committee Chair Ueda Soichiro

DOWAS

※Special Reception : Friday, October 18, 2024 18 : 00~20 : 00

Fee : 5,000JPY (planned)

Venue : Dependent on number of participants

Application Method: We need to know the number of participants in advance so please apply and pay in advance.

10. Lunch Reservations

There are restaurants around the venue but they are expected to be crowded, so we suggest you bring your own lunch or make a reservation in advance.

Lunch Fee 1,000JPY each (bento box and drink) (payable on the day at reception)

Application Use the [application form](#).

Due to logistics please apply in advance (we may not be able to accept applications on the day)

※Lunch Location : Yasuragi 1F Kirakira Hiroba

11. Tour

Date Saturday, October 19, 2024 9 : 00

Meeting Place Muroto Aqua Farm (departure): 3507-1 Muroto, Misaki-cho, Muroto City

Tour Course (Planned)

Muroto World Geopark Center (40~60min) ~

Muroto Abandoned School Aquarium (40~60min) ~

Muroto DOW Aqua Farm (DOW Festival Venue)

Fee Not Required

However, admission fees are as below:

Muroto World Geopark Center (free)、

Muroto Abandoned School Aquarium (adult 600JPY, child 300JPY)

Application Use the [application form](#).

Other The tour will disband at the Muroto Aqua Farm venue. Please note that **there is no transport provided to the airport.**

12. Related Events (Please apply via the [application form](#))

(1) DOW Summit 2024 Panel Session

~Rethinking the value of DOW and the Challenges of its Utilization~ (Hosted by the Utilization Promotion Committee)

Date : Friday, October 18, 2024

Time : 13 : 30~15 : 30

Venue : Muroto City Health and Welfare Center Yasuragi

DOWAS News 2024 Vol.27 No.1

Notice of the 28th DOWAS National Conference DOW 2024 Muroto Conference

DOWAS National Conference Executive Committee Chair Ueda Soichiro

DOWAS

(2)Offsite lessons for elementary and junior high students (hosted by the Education Promotion Committee)

Date : Friday, October 18, 2024
Time : 13 : 30-15 : 30
Venue : Muroto Elementary School

(3)Offsite lessons for the general public (hosted by the Education Promotion Committee)

Date : Saturday, October 19, 2024
Time : 10 : 00-12 : 00
Venue : DOW Festival Venue (Muroto Aqua Farm)

※Please check the DOWAS website for updates on time, content, etc.

13. Accommodation and Transportation

Accommodation and Transportation (JR, air, etc.) are likely to be busy, so please make your own reservations early. In particular, accommodation and transportation around the venue is very limited. Please consider using a rental car, etc. The following list of accommodations (in Japanese) is for reference only. Please check in advance an make reservations.

DOWAS News 2024 Vol.27 No.1

Notice of the 28th DOWAS National Conference DOW 2024 Muroto Conference

DOWAS National Conference Executive Committee Chair Ueda Soichiro

DOWAS

室戸市内宿泊施設一覧表

案内所 : (一社)室戸市観光協会 TEL0887-22-0574 (9時~17時まで)								令和6年4月現在	
NO.	宿泊施設名	室数	客室定員	駐車台数	宿泊料	最寄りのバス停留所	電話番号 市外局番 (0887)	住所 (室戸市)	
1	ロッジおざき	和 13 ・洋 0	20	5~6	1泊2食付 : 6,500円~ 素泊り : 4,000円~	尾崎	27-2065	〒781-7220 佐喜浜町709-2	
2	民宿徳増	和 8 ・洋 0	20	10	1泊2食付 : 7,000円~ 素泊り : 4,000円~	民宿徳増前	27-2475	〒781-7220 佐喜浜町107-5	
3	民宿稚名	和 1 ・洋 1	10	10	1泊2食付 : 7,000円~ 素泊り : 4,500円~	不動浦	23-3385	〒781-7101 室戸岬町344-1	
4	岬観光ホテル	和 11 ・洋 0	32	13	1泊2食付 : 8,964円~ 素泊り : 5,400円~	岬ホテル前	22-0541	〒781-7101 室戸岬町4037	
5	民宿室戸荘	和 9 ・洋 0	40	10	1泊2食付 : 6,500円~ 素泊り : 4,000円~	室戸岬	22-0409	〒781-7101 室戸岬町 6939-1	
6	室戸岬最御崎寺遍路センター	和 12 ・洋 13	100	20	1泊2食付 : 5985円~ 素泊り : 3885円~	スカイライン 上り口下車徒歩 20分	23-0024	〒781-7101 室戸岬町 4058-1	
7	うまめの木	和 3 ・洋 0	9	5	1泊2食付 : 7,200円~ 素泊り : 5,000円~	東坂本	22-4806	〒781-7101 室戸岬町4103	
8	室戸の宿竹の井	和 16 ・洋 1	60	20	1泊2食付 : 6,500円~ 素泊り : 4,200円~	耳崎	22-1624	〒781-7101 室戸岬町 5953-1	
9	ホテル富士	和 9 ・洋 0	35	12	1泊2食付 : 6,000円~ 素泊り : 4,000円~	室戸	22-0205	〒781-7102 室津2577	
10	太田旅館	和 14 ・洋 0	40	10	1泊2食付 : 6,500円~ 素泊り : 4,200円~	室戸	22-0004	〒781-7102 室津2649	
11	まんま屋	和 2 ・洋 1	6	4	素泊り : 4,500円~	室戸市役所前	22-1017	〒781-7102 室津2406-3	
12	民宿うらしま	和 9 ・洋 0	18	10	1泊2食付 : 6,400円~ 素泊り : 4,000円~	元橋	23-1105	〒781-7107 元甲1901-4	
13	金剛頂寺 宿坊	和 24 ・洋 0	100	大型3 普通10	1泊2食付 : 6,300円~	元橋下車 徒歩 20分	23-0026	〒781-7108 元乙523	
14	ファミリーロッジ旅籠屋 室戸店	和 0 ・洋 14	56	15	素泊り : 5,000円~	奈良師橋 室戸中学校通	23-0858	〒781-7106 浮津3番町136-2	
15	MUROTO base 55	宿泊棟A (コンテナ)	・洋 8	32	有	【1泊朝食付】 11月~5月 : 7,700円~ 6月~10月 : 8,800円~	耳崎 (バス停より 距離あり)	98-7011	〒781-7102 室津2836-2 <small>※1名(小学生以上)追加の場合 +3,500円がかかります。</small>
		宿泊棟B (既存棟)	・洋 8			【1泊朝食付】 11月~5月 : 6,600円~ 6月~10月 : 7,700円~			
16	スカイアンドシー・ムロト	和 2 ・洋 2	12	4	1泊2食付 : 6,000円~ 素泊り : 3,000円~	三津第一	98-7017	〒781-7101 室戸岬町2752-1	
17	サンフィッシュまんぼう	和 2 ・ トレーラー ハウス 洋・1	9	10	1泊2食付 : 5,500円~ 素泊り : 3,500円~	三高等学校前	23-0776	〒781-7101 室戸岬町3001	
18	SAKURA HOME	部屋数 ・3	6	3	1泊 : 6,000円~	高岡第一	050- 6866 -0423	〒781-7101 室戸岬町3841	
19	ニューサンパレスむろと	本館 ・和 11	30	20	1泊2食付 : 5,500円~ 素泊り : 3,500円~	耳崎 (バス 停より距離あ り)	22-0012	〒781-7109 領家235-1 (備考) 宿泊料金については 会員料金等設定有り	
		のりいん ・和 6 洋 2	27		1泊2食付 : 6,500円~ 素泊り : 4,500円~				
20	古民家の宿 蔵空間蔵宿	母屋 1棟 ・離れ 1棟	12	8	1泊朝食付 : 8,800円~ 素泊り : 7,700円~	吉良川 とみや前	25-3700	〒781-6832 吉良川町甲2234	
21	おうち宿 しだお	和 1 ・洋 2	8	6	1泊2食付 : 6,600円~ 素泊り : 4,400円~	羽根病院前	090- 1005 -7301	〒781-6742 羽根町乙1379-3	

※ 空室状況、宿泊料、ご予約等の詳細については宿泊施設に直接お問い合わせ下さい。

NO.	宿泊施設名	室数	客室定員	駐車台数	宿泊料	最寄りの列車	電話番号 市外局番 (0887)	住所 (室戸市)
1	ホテルなはり	和 5 ・洋 44	75	40	1泊2食付 : 10,800円 素泊り : ~ 7,000円~	奈半利駅	38-5111	〒781-6402 安芸郡奈半利町乙 593-1

DOWAS News 2024 Vol.27 No.1

Notice of the 28th DOWAS National Conference DOW 2024 Muroto Conference

DOWAS National Conference Executive Committee Chair Ueda Soichiro

DOWAS

< Executive Committee Secretariat >

28th National DOWAS Conference Executive Committee Secretariat
Shimizu Co. Engineering Division New Energy Engineering Division
Secretariat Shimizu Katsunori (mobile 090-4924-3922)
E-mail : katsunori.shimizu@shimz.co.jp

DOWAS News 2024 Vol.27 No.1

Notice of the 28th DOWAS National Conference DOW 2024 Muroto Conference

DOWAS National Conference Executive Committee Chair Ueda Soichiro

DOWAS

Report on the FY2024 DOWAS Annual Meeting and Lecture

Former DOWAS Secretary General Arima Hirofumi

【Annual Meeting】

○Date: Friday, June 7, 2024 13:30-15:00

○Venue: Tokyo University of Marine Science and Technology, Shinagawa Campus, Rakusui Kaikan Large Conference Room and Online

○Materials: Agenda for the 2024 DOWAS Annual Meeting (total 15 pages)

○Agenda:

1. Results of the 2024-2025 Board Member Election

The results of the 2024-2025 Board Member election were reported based on page 3 of the agenda.

2. FY2023 Report

The secretariat and each committee reported on FY2023 based on pages 4-8 of the agenda.

3. FY2023 Financial Report

The secretariat explained the 2023 finances based on page 9 of the agenda.

4. FY2023 Audit Report

According to Auditor Yasunaga, an audit was carried out on March 13, 2024 and it was reported that the society's accounting was properly handled based on page 10 of the agenda.

5. FY2024 Plan

The secretariat and each committee explained their plan for 2024 based on pages 11-13 of the agenda, and it was approved.

6. FY2024 Budget

The secretariat explained the 2024 budget proposal based on page 14 of the agenda and it was approved as proposed.

7. Other

It was reported that the Secretary General would be changed.

※For meeting materials (in Japanese) refer to the DOWAS website.

【Lecture】

○Date: Friday, June 7, 2024 15:10-16:30

○Venue: Tokyo University of Marine Science and Technology, Shinagawa Campus, Rakusui Kaikan Large Conference Room and Online

The lecture was broadcast online from the “2024 Kumejima DOW Forum” venue

○Topic:

① Commemorative Lecture for the Society Award (FY2023 Society Award) (online)

“Commemorative Lecture of the DOWAS Award”

Kumejima DOW Council Chair Omichi Atsushi

DOWAS News 2024 Vol.27 No.1

Report on the DOWAS FY2024 General Meeting and Lecture
Former DOWAS Secretary General Arima Hirofumi
DOWAS

(FY2023 Society Award Winner joint lecture with Okinawa Prefecture, Kumejima Town, and Kumejima DOW Council)

②General Lecture (online)

General Lecture

“Efforts to establish and algae farm on Kumejima”

Rhoto F Okinawa Co. CRO Nakahara Ken

“Mitsui OSK Lines Efforts on Kumejima”

Mitsui OSK Lines Matsuoka Tetsushi

【Participant Status】

The FY2024 General Meeting and Lecture was held with a total of 57 participants, including 16 people at the local venue, 16 people online, and 25 people who submitted proxies. At the general meeting, Chair Otsuka was elected as the moderator and the 2023 results, finances, and 2024 plans and budget were explained and approved by the attendees. We would like to express our deep gratitude to all the members who attended the general meeting for their cooperation despite busy schedules.

【About the Lecture】

The lecture was held online from the 2024 Kumejima DOW Forum, which was held in Kumejima Town, Okinawa with the cooperation of the Kumejima DOW Council and the Global Ocean reSource and Energy Association. We would like to express gratitude to both organizations for their support in holding the lecture.

①Commemorative Lecture

As a commemorative lecture for the FY2023 Society Award, representing the awardees Okinawa Prefecture, Kumejima Town, and the Kumejima DOW Council, Chair of the Kumejima DOW Council Omichi, Director of the Okinawa DOW Research Center Hatoma, and Deputy Mayor of Kumejima Town Nakamura gave a lecture entitled “Commemorative Lecture for the DOWAS Award.” First, they expressed their gratitude for receiving the award and then introduced efforts to utilize DOW in Okinawa going forward.

②General Lecture

Mr. Nakahara, CEO of Rhoto F. Okinawa Co gave a lecture entitled “Efforts towards opening an algae farm in Kumejima,” in which he introduced the company’s efforts in agricultural use of DOW.

In addition, Mr. Matsuoka of Mitsui OSK Lines gave a lecture “Mitsui OSK Lines efforts in Kumejima,” in which he introduced the company’s efforts in OTEC.

DOWAS News 2024 Vol.27 No.1

Report on the DOWAS FY2024 General Meeting and Lecture
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DOWAS

