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**Sectoral Collaboration Platform**

**VN partners**



## SECTORAL COLLABORATION PLATFORM VIETNAM



### 1. Introduction to SCP Vietnam



The Sectoral Collaborative Platform (SCP) for Marine Coastal and Delta Sustainability for Southeast Asia (MARE) in Vietnam led by Ho Chi Minh City University of Natural Resources and Environment- HCMUNRE.

The SCP within the frame work of the MARE project engages different organizations depending

on the activity purposes, that designed for discussion and exchange knowledge between the project partners and stakeholders (employers, students, staff, representatives from industry, academia, unions and civil society organizations).

The platform took different organizational forms following the specific geographical contexts and existing stakeholder configurations and preferences. What their share in the common is the commitment to jointly explore options for regional sustainability through mutually beneficial cooperation arrangements.

The website of SCP is at [https://marehcm.biendaohcm.com/?page\\_id=7356](https://marehcm.biendaohcm.com/?page_id=7356)



This platform is designed for discussion and knowledge exchange between the project partners and stakeholders. In order to promote stakeholder-academic collaboration over MARE topics and to ensure its sustainability, the three forums have been established in this SCP as follows.




- ✦ **Development of new training programs-DNeT.** DNeT is connecting employers, scientists and Universities to discuss and propose suitable content to include in the training programs. ✦ **Development**



[of advanced education platform-DAEP.](#) DAEP is to create a collaborative and knowledge-sharing platform that promotes the advancement, improvement, and innovation in digital education.

★ [Sustainable Management of Marine Resources and Environment-SUMARE.](#) SUMARE is creating an academic environment among scientists, businesses, and institutions interested in the sustainable development of natural resources and the environment in marine and delta of Southeast Asia.

These forums are restricted to invitation only, and the mode can be the face to face or virtual meeting.

1		<p><b>Stakeholder collaboration for development of new training program- DNeT</b></p> <p>October 7, 2022 marehcmadmin 0</p> <p>Along with the economic development of the country, the demand for high-quality human resources always requires educational institutions to constantly improve the quality of teaching Read More</p>	<p><u><a href="#">Development of new training programs – DNeT.</a></u></p>
2		<p><b>Stakeholder collaboration in development of digital education-DAEP</b></p> <p>August 24, 2022 marehcmadmin 0</p> <p>Objectives The Stakeholder Platform will discuss the implementation of digital education – in terms of both policy and practice – at the national and regional Read More</p>	<p><u><a href="#">Development of advanced education platform- DAEP.</a></u></p>
3		<p><b>SUMARE Partnership Collaboration Platform</b></p> <p>July 24, 2022 marehcmadmin 0</p> <p>Forum SUMARE- Sustainable development of natural resources and environment in coastal and delta areas was established by the University of Natural Resources and Environment of Read More</p>	<p><u><a href="#">SUMARE – Sustainable Management of Marine Resources and Environment</a></u></p>

## 2. Development of New Training Program – DNeT Forum

### 2.1. The cope and purpose of DNeT forum:

Along with the economic development of the country, the demand for high-quality human resources always requires educational institutions to constantly improve the quality of teaching to meet the needs of employers.

However, according to the regulations of the Ministry of Education and Training, new subjects must not exceed 30% of the total number of credits in the training program and should be reviewed and updated every 2 years.

In order to keep pace with economic development and the needs of the labour market, in addition to the development of new subjects, which are limited to no more than 30% of the total number of credits in the training program, current subject content should be updated regularly to be able to meet the evolving needs of the labour market.

This forum is born with the purpose of connecting employers, scientists and University to discuss and propose suitable content to include in university training programs.



## 2.2. Stakeholders engage in the DNeT forum

There are five organizations are engaging in the DNeT forum, of which two organizations represent employers (Ho Chi Minh City Science and Technology Department and the Institute of Tropical Biology); other 2 organizations represent the advanced training Universities (Ho Chi Minh City University of Technology- HCMUT, Ho Chi Minh City University of Sciences- HCMUS; and the Ho Chi Minh City University of Natural Resources and Environment – HCMUNRE.

Members participating and responsible for developing and reviewing the training program include 7 members according to the Decision No. 222 signed by the President of HCMUNRE on April 10, 2022 [at this link](#)

In addition to the 7 members responsible for developing the training program, the teachers (30 lecturers) participating in teaching this training program are of course members of this DNeT forum. [List of teachers in the DNet forum](#)

## 2.3. Activities of DNeT forum

- ✦ [The 3rd meeting report on the compilation of ebook in the MARE project](#) on 10-11 June 2023, Nha Trang.
- ✦ [The 2nd meeting report on the compilation of ebook in the MARE project](#) on 18 February 2023, Hai Phong.
- ✦ [The 1st meeting report on the compilation of ebook in the MARE project](#) on 19- 20 December 2022, Ho Chi Minh.
- ✦ [Planning to compile e-books for students' reference](#) on 23 May 2022
- ✦ [Evaluation on the content of revised courses](#): meeting on 21 February 2022
- ✦ [Evaluation on the content of new courses](#): meeting on 3 January 2022
- ✦ [Evaluation on the detail online course syllabi](#): Meeting on 6 July 2021
- ✦ [Development of online course vs traditional course development](#): online meeting on 22 February 2021.
- ✦ [Development of existing and new courses](#): online meeting on 22 December 2020





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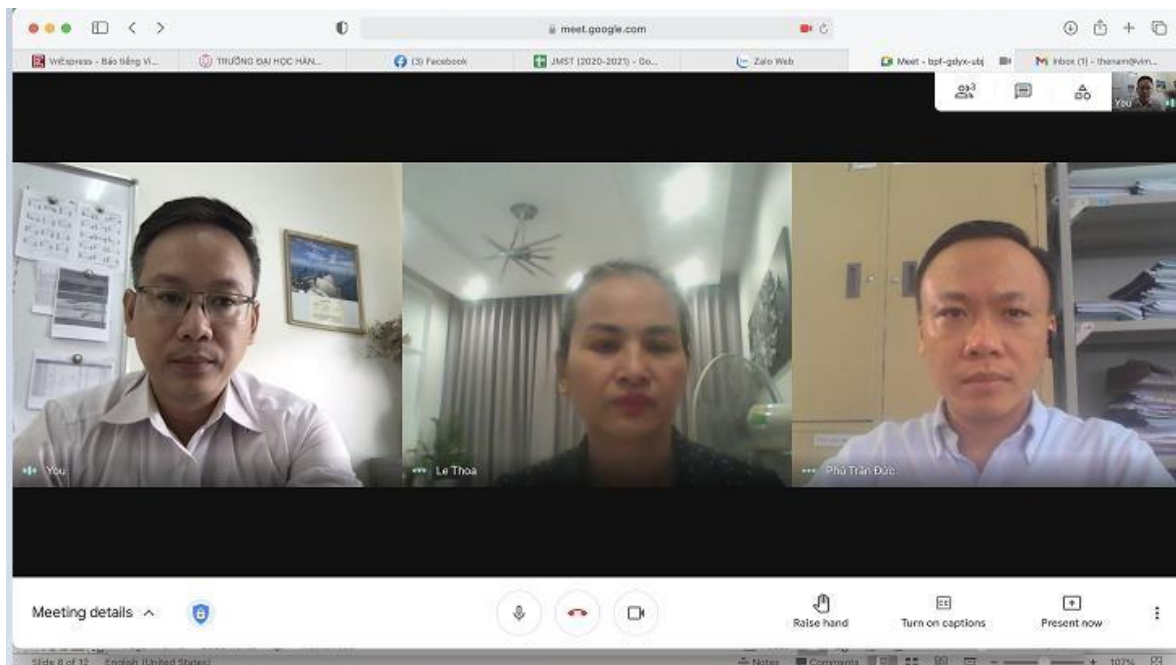
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## 2.4. Some photos taken in this DNeT forum



*Compilation of ebook activities on June 2023, Nha Trang City*



*Online meeting with VMU on development of revised courses on May 2021*



### 3. Development of Digital Education Platform – DAEP

#### 3.1. The cope and purpose of DAEP

The purpose of establishing DAEP forum is to create a collaborative and knowledge-sharing platform that promotes the advancement, improvement, and innovation in digital education. It helps stakeholders in the field stay informed, connected, and engaged in addressing the evolving landscape of education in the digital age.

The forum provides a platform for educators, researchers, policymakers, and technology experts to share knowledge, best practices, and insights related to digital education. Specifically, the forum reflects on the first year of implementation of the e-learning system in the MARE project Plan, promote further engagement among the digital education community and support outreach to new stakeholders in this field.

#### 3.2. Stakeholders engage in the DAEP forum

The Forum will bring together a broad range of stakeholders and partners including

- ✦ policy-makers at the Vietnam national levels
- ✦ practitioners and academics
- ✦ representatives from civil society and business
- ✦ Teachers and students

All participants are guided by the common objective of promoting the transformation of education and training to provide learners with a high-quality, inclusive and effectively digitalised system. [\*The list of participants can view in here.\*](#)

#### 3.3. Activities of DAEP

- ✦ [Results of student feedbacks on the academic year 2022-2023](#)
- ✦ [Dissemination of e-learning Training](#) on 30 Aug 2023
- ✦ [Advanced e-learning training session](#) on 10 May 2022
- ✦ [Results of student feedbacks on the academic year 2021-2022](#)
- ✦ [Teacher survey questionnaire about online courses on the e-learning system](#)
- ✦ [Student survey questionnaire about online courses on the e-learning system](#)
- ✦ [Results of teacher feedbacks about online courses on the e-learning system on the academic year 2020- 2021](#)
- ✦ [Results of student feedbacks about online courses on the e-learning system on the academic year 2020 – 2021](#)
- ✦ [International Webinar on Learning Management system Training](#) on 19-20 August 2021
- ✦ [Digital lecture in the e-learning system](#) meeting on 1 June 2021



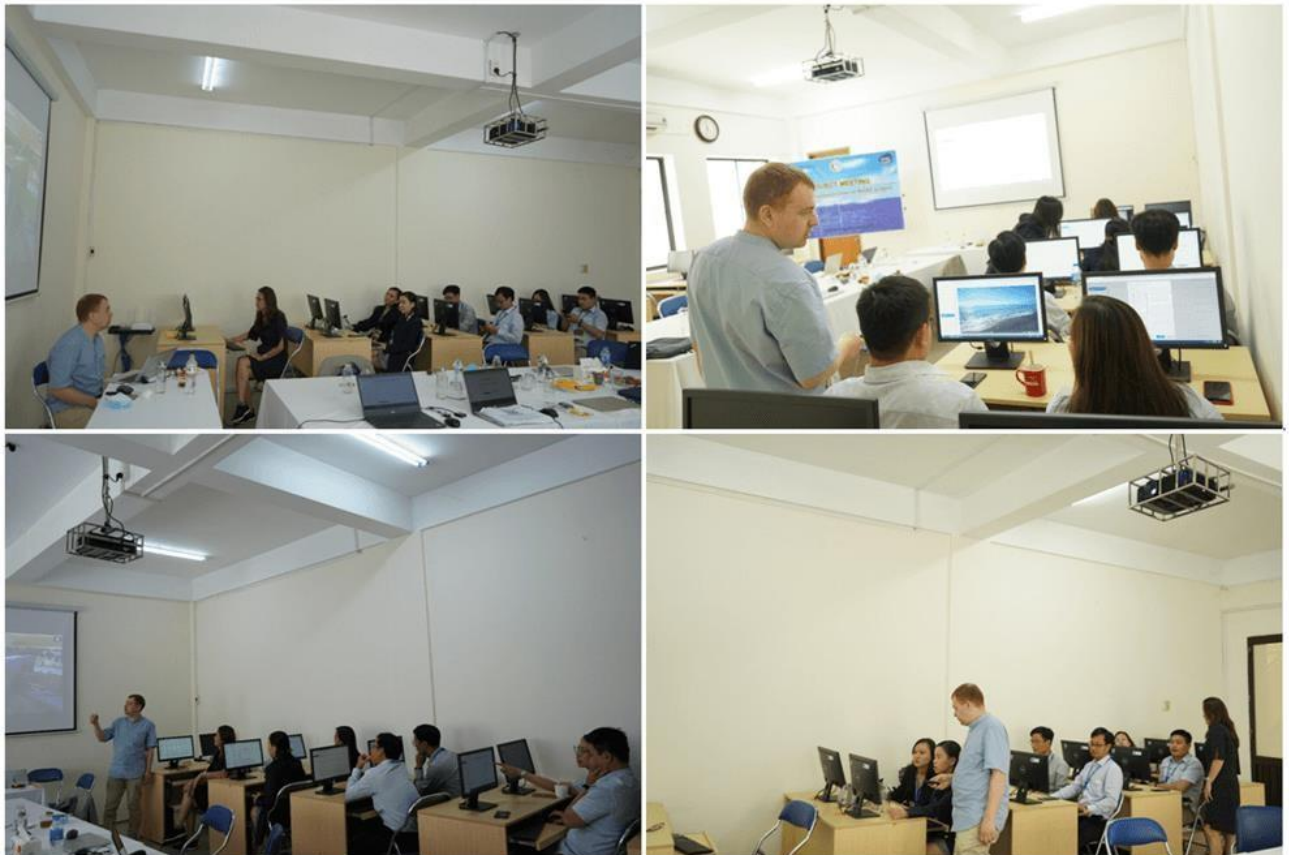
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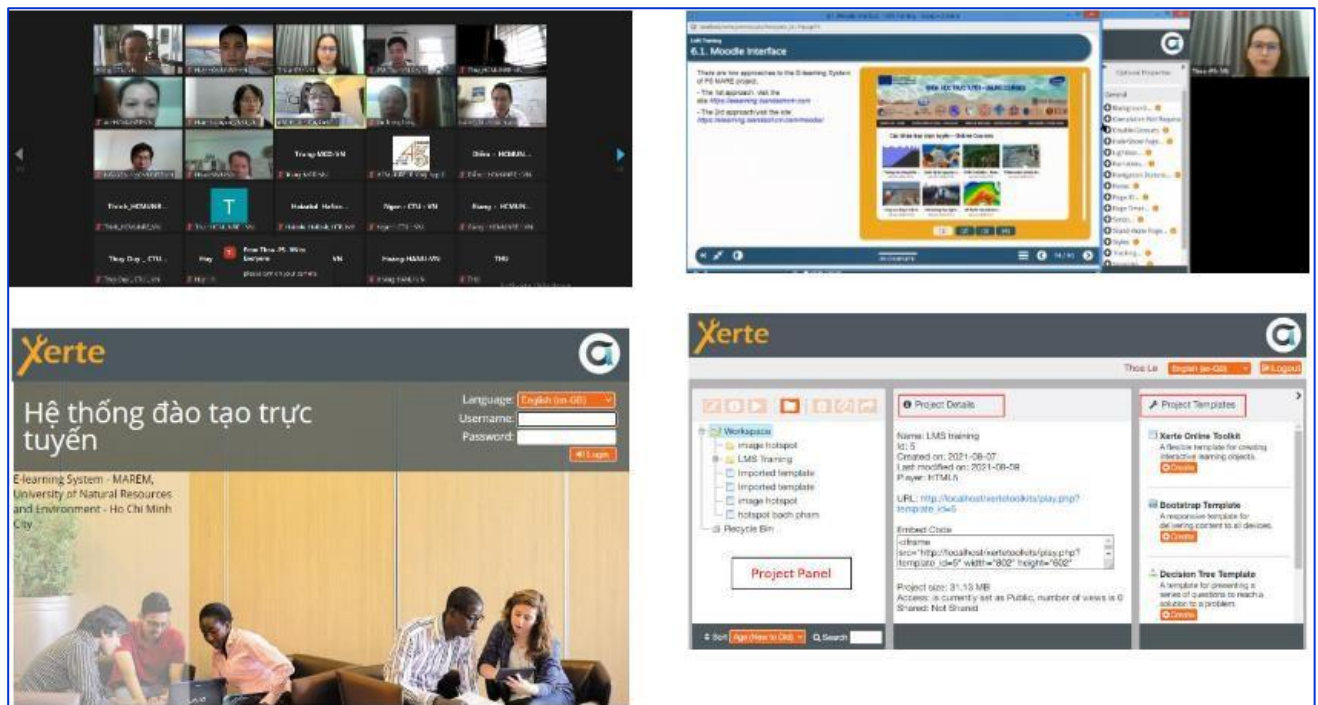
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### 3.4. Some photos taken in this DAEP forum



*E-learning system training in May 2022, at Ho Chi Minh City.*



*Learning Management system training in August 2021, Ho Chi Minh City*





## 4. Sustainable Management of Marine Resources and Environment Forum – SUMARE

### 4.1. Foundation

SUMARE – Sustainable Management of Marine Resources and Environment Forum is established by the Ho Chi Minh City University of Natural Resources and Environment- HCMUNRE with the join of Can Tho University-CTU, Vietnam Maritime University- VMU, Center for Marinelife Conservation and Community Development- MCD, and Vietnam National Institute of Oceanography- VNIO.

### 4.2. The scope of the SUMARE Forum

The cope of SUMARE forum is to address the key challenges and opportunities related to sustainable management of marine resources and conservation of the marine environment. This forum brings together diverse stakeholders, including scientists, policymakers, environmentalists, companies and the community leaders, to discuss, collaborate and take action on a variety of issues.

This is one of the series of activities of the MARE project – Coastal and delta sustainability for Southeast Asia to promote academic collaboration among stakeholders on MARE topics, the SUMARE forum is established and held on a non-regular basis. The form of organization can be in offline or online modes.

### 4.3. Stakeholders

The SUMARE Forum is a global registry of voluntary commitments and multi-stakeholder partnerships made by stakeholders in support of the implementation of the **Sustainable Management of Marine Resources and Environment (SUMARE)** in general and for MARE project in specific.

All stakeholders are encouraged to register their partnerships and voluntary commitments that support the implementation of the SUMARE into the platform, or through the different action networks, per their preference and alignment of interest. [List of members registered in SUMARE forum.](#)

### 4.4. Action Network- Các hoạt động của Diễn đàn

- ✦ **Tran De gateway port for the Mekong Delta**– *Cảng cửa ngõ Trần Đề cho Đồng bằng Sông Cửu Long*. Speaker: Doan Manh Dung, Ho Chi Minh City Marine Science and Technology Association. Time: 9:30 – 11:00 on August 28, 2023.
- ✦ **Mangroves and climate change response- Rừng ngập mặn và ứng phó Biến đổi khí hậu**. Speakers: Can Tho University - CTU, Center for Sustainable Rural Development (SRD) and Center for Marine Conservation and Community Development (MCD). Time: 09:00 – 12:00 August 25, 2023.
- ✦ **Discussions about plastic waste – Thảo luận các vấn đề về rác thải nhựa**. Speakers Phan Minh Thu- Nha Trang Institute of Oceanography and Nguyen Truong Thanh - Can Tho University. Location: Nha Trang Institute of Oceanography. Form: face-to-face and online. Time: 9:00 – 12:00 am July 28, 2023
- ✦ **Water resource management in Mekong Delta in the context of climate change – Quản lý tài nguyên nước vùng Đồng bằng Sông Cửu Long trong bối cảnh biến đổi khí hậu**. Speaker Assoc. Prof. Dr. Le Anh Tuan, Can Tho University. Form: face-to-face and online. Time: 10:00 – 11:30 am June 9, 2023.



- ✦ **The international forum “Sustainable Development of the Mekong Delta – Vision 2045 (SDMD2045)”** on 31 October 2022- Diễn đàn quốc tế “Phát triển bền vững ĐBSCL – Tầm nhìn 2045” diễn ra ngày 31 tháng 10 năm 2022.
- ✦ **Seminar on “Application of hyperspectral and radar remote sensing in coastal risk assessment and sustainability of ecosystem services”**: on October 10, 2022- Hội thảo “Ứng dụng viễn thám siêu phổ và radar trong đánh giá rủi ro vùng bờ và tính bền vững của các dịch vụ hệ sinh thái” diễn ra ngày 10 tháng 10 năm 2022.
- ✦ **Training course on Vietnamese and international practices and procedures in marine waste assessment and monitoring** on 27 – 29 July 2022 – Tập huấn về thông lệ và quy trình của Việt Nam và quốc tế trong đánh giá và giám sát chất thải biển diễn ra 27 – 29 tháng 7 năm 2022.
- ✦ **MARE project Vietnam partners kicked off stakeholder engagement in SCP** on July 27, 2022- Khởi động sự tham gia của các bên liên quan trong SCP.
- ✦ **Meeting of MARE Vietnam partners and some stakeholders discussing SCP** on July 26, 2022- Kế hoạch kết nối các bên có liên quan.
- ✦ **Strengthening the exchange of information, science and technology to support the implementation of the National Action Plan on Marine Plastic Debris Management by 2030** on 14 July 2022-Tăng cường trao đổi thông tin, khoa học công nghệ hỗ trợ thực hiện Kế hoạch hành động quốc gia về quản lý rác thải nhựa biển đến năm 2030.

#### 4.5. Some photos taken in this SUMARE forum



Tran De gateway port for the Mekong Delta seminar on Aug 23 2023





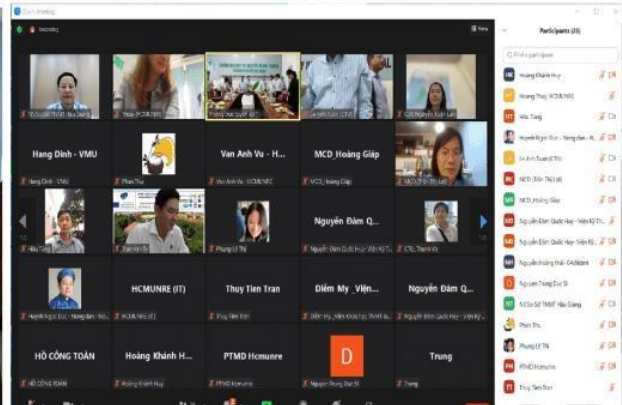
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*Mangroves and climate change response seminar on 25 Aug 2023*



*Water resource management in Mekong Delta in the context of climate change seminar on June 9, 2023*

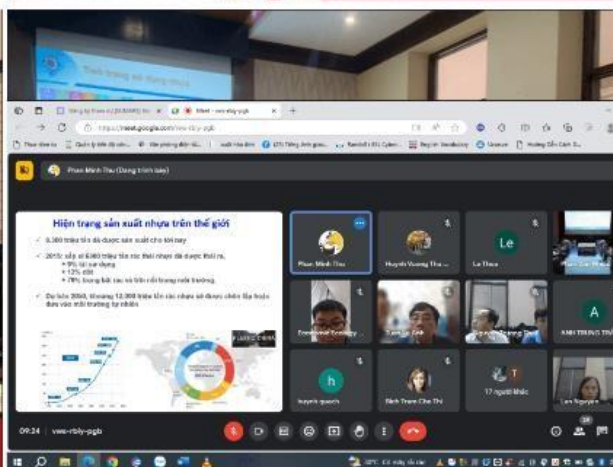




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Discussions about plastic waste seminar on July 27, 2023

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**DIỄN ĐÀN SUMARE**

Quản lý bền vững tài nguyên và môi trường biển  
*Sustainable Management of Marine Resources and Environment*

Báo cáo chuyên đề  
**Quản lý Tài nguyên nước vùng ĐBSCL trong bối cảnh biến đổi khí hậu**  
[https://marehcm.biendaohcm.com/?page\\_id=7421](https://marehcm.biendaohcm.com/?page_id=7421)

Diễn giả: PGS, TS. Lê Anh Tuấn  
Trưởng Đại học Cần Thơ

Ho Chi Minh City, 09 June 2022

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**BẢO CÁO CHUYÊN ĐỀ:**  
**THẢO LUẬN VỀ VẤN ĐỀ RÁC THẢI NHỰA**

Địa điểm offline: Hội trường Viện Hải dương học Nha Trang  
Link online: <https://meet.google.com/vws-rbly-pgb>  
Thời gian: Ngày: 09:00 – 12:00, 29/7/2023

Chủ đề 1: Các hệ sinh thái biển điển hình ở vùng ven bờ Việt Nam và ảnh hưởng của rác thải nhựa đến các hệ sinh thái  
Chủ đề 2: Xác định vị nhựa trong nước mặt và trầm tích của một số thủy vực nội ô Thành phố Cần Thơ

Trình bày: Viện Hải dương học Nha Trang  
ThS. Phan Minh Thu

Trình bày: Trường Đại học Cần Thơ  
NCS. Nguyễn Trường Thành

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**BẢO CÁO CHUYÊN ĐỀ**  
**RỪNG NGẬP MẶN VÀ ỨNG PHÓ BIẾN ĐỔI KHÍ HẬU**

Địa điểm offline: Trung tâm Bảo tồn Sinh vật biển và Phát triển Cộng đồng (MCD), Hồ Nội  
Thời gian: 9:00 – 12:00, 25/8/2023  
Link online: <https://meet.google.com/kcj-aods-uas>

Báo cáo 1: Vai trò của hệ sinh thái rừng ngập mặn Mũi Cà Mau  
PGS, TS Lê Anh Tuấn  
Trưởng Đại học Cần Thơ

Báo cáo 2: Mô hình bảo vệ rừng ngập mặn dựa vào cộng đồng tại đất mũi Cà Mau  
Trung tâm Phát triển Mang thôn Bền vững (SRD)

Báo cáo 3: Nuôi trồng thủy sản dưới tán rừng ngập mặn – giải pháp sinh kế thích ứng BĐKH  
Trung tâm Bảo tồn sinh vật biển và Phát triển cộng đồng (MCD)

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**DIỄN ĐÀN SUMARE**

Báo cáo chuyên đề  
**Cảng cửa ngõ Trần Đề cho Đồng bằng Sông Cửu Long**

Diễn giả: Đoàn Mạnh Dũng  
Hội Khoa học Kỹ thuật và Kinh tế biển TP.HCM

Link đăng ký: <https://forms.gle/AtHvwMYNuEGJlwCA>

Địa điểm offline: Trường ĐH Tài nguyên và Môi trường TP.HCM  
Thời gian: 9:30 – 11:00 ngày 28 tháng 8 năm 2023  
Link online: <https://meet.google.com/qow-jeem-gxi>



## 5. The status of SCP after the MARE project end

Ensuring the sustainability of the SCP after the end of the MARE project is crucial for its long-term impact and continued value.

VN partners have given some strategies to make these forums sustainable:

- **Establish a formal organization:** it is necessary to transform the forum into a formal organization or association. This can help secure funding, resources, and a governance structure to sustain its activities beyond the initial project.
- **Membership card:** Creating a membership card with annual dues or fees. This action can provide a steady source of income to cover operational costs, such as maintaining the website, organizing events, and supporting ongoing initiatives. However, this needs to be carefully considered, otherwise it will lose the interest and participation of many people.
- **Grant funding:** Seeking grants and funding opportunities from public and private organizations that support education and technology initiatives. This can help sustain specific projects or research efforts within the forums.
- **Sponsorship and exhibitions:** Organize conferences/workshops/events with sponsorships and exhibitions, allowing technology and educational companies to display their products and services. The revenue generated from these activities can contribute to the forum's sustainability.
- **Professional development and training:** Offer certification programs, workshops, and training courses related to the field of interest in each forum. These can generate income and establish the forum as a reputable source of professional development.
- **Continued engagement:** Keep the community engaged through regular updates, newsletters, and online discussions. Maintain a strong online presence through social media, webinars, and virtual events.

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