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MARE research framework

Organisation profile



The name of the partner organisation:

Vietnam Maritime University

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Departments or other academic units at your organisation concerned with MARE-related topics:

1. Institute of Environmental Engineering
2. Faculty of Hydraulic Engineering
3. Research and Development Department
4. International Relations Department

Current and past projects implemented at your institution and concerned with MARE topics:

Add as many lines as necessary

Project title	Funding agency	Project topics concerned (2-3 keywords)	Type of the project (research, education, mobility, capacity for the organization or external stakeholders building, promotion etc)	Possible links to MARE (joint activities, agreements, ...)
Strengthen the production, management and outreach capacities of research in the field of WAter and NATural resources in South-East Asia - WANASEA project	EU	Water and natural resources	Erasmus+ project	



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Research and propose solutions to improve water quality in An Kim Hai irrigation system	Vietnam Maritime University	water quality	Scientific research project	
Using pollution load index (PLI) and geo-accumulation index (I-geo) to assess heavy metal pollution in sediments of Lach Tray river	Vietnam Maritime University	heavy metal pollution in sediments of Lach Tray river	Scientific research project	
Research on the applicability of the community forest management model to mangrove forests in Thuy Truong commune, Thai Thuy district, Thai Binh province.	Vietnam Maritime University	mangrove forests	Scientific research project	
Research and propose measures to develop eco-economy for the Do Son peninsula - Hai Phong city	Vietnam Maritime University	eco-economy for the Do Son peninsula - Hai Phong city	Scientific research project	

PHD Programs available

Add as many lines as necessary

1. Ship Operation and Maintenance
2. Marine Machinery and Equipment
3. Shipbuilding Engineering
4. Automation and Control
5. Nautical Science
6. Maritime Safety Engineering
7. Hydraulic Engineering
8. Fleet Operation and Management

Topics of PhD thesis (or other graduate works if you do not have a PhD program)

Add as many lines as necessary

Topics related to:

1. Ship Operation and Maintenance
2. Marine Machinery and Equipment



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3. Shipbuilding Engineering
4. Automation and Control
5. Nautical Science
6. Maritime Safety Engineering
7. Hydraulic Engineering
8. Fleet Operation and Management

Key personalities at your organisation publishing on MARE -related topics:

Name	Key words (2-3) describing research interests	Personal webpage, if applicable
Journal of marine science and technology	marine science and technology	http://khcn.vimaru.edu.vn/tap-chi

Current research profile of the organization in relation to MARE topics:

Short free text

Vietnam Maritime University (VMU) is a leading center for educating and training maritime experts, scientists providing to the national sea-ward economy of Vietnam. As of a rich history of 60 years, the University has made great contributions to the transport industry, national economy and defence.

VMU developed the specific education programs related to maritime industry development, in different levels (vocational, engineer, master and doctor). In recent years, VMU have constantly innovated and improved majors which adapt to rules of the world and help students easily approach knowledge of maritime sector. Currently, the University covers the group majors of Marine Science And Technology, Maritime Law, Naval Architecture And Marine Engineering, Coastal And Offshore Engineering, Shipbuilding, Environment Engineering, Transport Economics, Maritime Business, and so on.

Vietnam Maritime University actively consulted and signed Memorandum Of Understanding (MOU) with inbound and outbound organizations working in the field of ocean environment, marine shipping and transport, waterway, such as Saigon Newport Corporation, Myanmar International Freight Forwarders' Association (MIFFA), Cooperative Association of Japan Shipbuilders (CAJS),...

Ambitions of the organization (in terms of research topics) or aspired activities in relation to MARE topics (i.e. research collaboration agreements, phd supervision, internships for phd students to Eu partners)

Short free text

The MARE project gives VMU many chances to meet and discuss with many partners. VMU would like to collaborate with both international and domestic membes. The cooperation between partner institutions is a basic to foster academic exchanging and shared information. In the near future, we want to work together with other organizations in terms of joint scientific research and trainers exchange, which helps us get insights into many fields, improve teaching program and enhance the training quality.



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VMU's students have opportunities to study abroad, approach new knowledge and modern technology to become global citizens.

Obstacles and barriers hampering the aspired developments

Short free text

- The lack of connections between institutions
- Difficulties in seeking financial supports to implement the scientific researches and exchange students

Enabling conditions and positive factor behind your current successes in relation to MARE -related research developments, and/or making you hopeful about your ambitions:

Short free text

Identifying as a key national consultative organization for marine and water environment protection, specially marine ecosystem and coastal maintenance, one of interest topics of Vietnam and others, the University has launched related research institutions, such as Institute of Environment, The Training and Advisory Centre of Science and Technology for Marine Environment Protection (TCEP), Maritime Research Institute (MRI), Shipping Science and Technology Institute (SSTI), Maritime Construction Technology Development and Consultancy Center (MCDC) etc. These institutions has main function of implementing scientific researches, consultation, design and experiment for the shipbuilding industry, technical services in the field of civil construction, maritime safety and marine environmental protection.

Specific capacities you want to develop to reach you aspired MARE-related research goals, such as equipment, training for academic or technical staff, access to international databases, external experts support or PhD supervision etc etc

Short free text

- Scholarships for PhD supervision
- Access to international databases

Are there any national research or development policy objectives that support your current or aspired MARE-related research developments? Please expand on this, if so

Short free text

Resolution No. 36-NQ/TW on the Strategy for sustainable development of Vietnam's Marine Economy to 2030, with a vision toward 2045, was adopted at the 8th Conference of the 12th Central Committee of the Communist Party of Vietnam, according to that, by 2030, Vietnam will become a strong sea country meeting basic criteria for sustainable development of marine economy, focusing on developing science, technology and training high-quality marine human resources. With advantages from geographic location along with the orientation of the government, it is obvious that the marine economic development strategy have been one of the first priorities.

Kommentiert [SDLR1]: Would skip this one...



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What are specific enabling conditions or obstacles for the development of research training at your organization – in general, and in MARE-related fields

Short free text

- Encouragement of VMU's leaders
- Competences and enthusiasm of lecturers and staff of VMU