

Annex 1 (YAS)

Guideline and Eligibility criteria- Research Proposals for Young Academic Staff (Research Period: May 2022 to May 2023)

Theme 1: The prospective role of Maritime Education and Training

(Max. USD 20,000)

Possible key concepts to be structured and explored within the theme, not limited to the following:

- Maritime Autonomous Surface Ships (MASS)
- E-learning, distance learning
- Virtual Reality, Augmented Reality
- S-Mode and E-Navigation
- Simulation
- Comprehensive review of the STCW Convention 1978, as amended
- Shipping 4.0
- Seafarers' preparation for career shift

Desirable Goals

- Introducing innovative MET concepts
- Applying Best Practices for MET
- Identifying amendments in relevant IMO regulation including future seafarer competencies

Theme 2: Maritime transport for sustainable development

(Max. USD 20,000)

Possible key concepts to be structured and explored within the theme, not limited to the following:

- Energy management
- Air pollutants control, Decarbonization
- Alternative fuels and technologies
- Automation
- Crew health and welfare
- Risk management
- New economic models (competitiveness, cost efficiency)
- Life cycle impact assessment
- Seamless and smart logistics

Desirable Goals

- Introducing new approaches for enhanced sustainability
- Harmonizing international maritime transportation with UN-SDGs
- Developing low-carbon and energy efficient concept for maritime transport
- Understanding and deepening social and economic aspects analysis

Theme 3: Optional theme

(Max. USD 20,000)

Applicants are required to include possible key concepts and desirable goals to be structured and researched within the theme in their application forms (Form 1-Y)

Eligibility criteria and recommendations

- Age of applicants is to be equal to or less than 35 years old as of project proposal due date;
- Applicants must be full-time academic staff but not full professors of the IAMU member universities;
- Research partners may not be required;
- Young academic staff are advised
 - To study the difference between Organizational Development Projects and Research Projects
 - To review ongoing /past activities and research projects of IAMU, and IAMU Section articles of WMU Journal of Maritime Affairs (JoMA) and Liaison Committee reports

Applicants

- Applicants shall make a presentation of an interim report for his/her project in the Annual General Assembly (AGA).
- Applicants shall consider submitting the paper to the IAMU section of JoMA.
- If relevant, applicants can have research partner(s) who is/are young academic staff of the IAMU member universities only.

Project length and budget

- The project length is 13 months, starts on 1 May and ends 31 May in the following year
- The project budget is maximum USD 20,000 per proposal for Young Academic Staff

Proposal and selection

- The AAC Working Group on Research Projects select winning research projects and recommend to the IEB for approval.

Note:

Each IAMU member university can submit only one (1) proposal

Reference is the Evaluation form for Young Academic Staff (Criteria in the Evaluation form will help you to prepare the application)

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Evaluation Form (Young Academic Staff in FY2022)

Serial No.		
Theme		
Research Title		
Evaluator	<i>(Please type)</i>	<i>(Signature)</i>
Due Date		

criteria of evaluation	Weight	1	2	3	4	5	POINT* (1-5)	Weight x Point
1 Adequacy of aims, objectives and research questions	4	None	Poor	Average	Adequate	Substantial		0
2 Adequacy of the research methodology	4	None	Poor	Average	Adequate	Substantial		0
3 Originality	4	None	Poor	Average	Adequate	Substantial		0
4 Potential contribution to IAMU objectives and value of expected impact	3	None	Poor	Average	Adequate	Substantial		0
5 Feasibility of the budget and timeline	3	Not feasible	Low	Average	High	Very high		0
6 Proposal structure and its design quality	2	None	Poor	Average	Adequate	Substantial		0
Total Points :								0

* Please input your point for each item in the column.

Blind comments to be provided for each above-given criteria (mandatory)
1. Adequacy of aims, objectives and research questions 2. Adequacy of the research methodology 3. Originality 4. Potential contribution to IAMU objectives and value of expected impact 5. Feasibility of the budget and timeline 6. Proposal structure and its design quality

Annex 2 (YAS)

Procedure of the implementation of Research Proposals for Young Academic Staff in FY2022

(1) Research Proposals

The IAMU invites the submission of research proposals explained in “Call for Research Proposals for Young Academic Staff in FY2022” and its Guideline Research proposals should be submitted using <<Form 1-Y>>. Each IAMU member university can submit only one proposal. The budget for the research proposal should be submitted using <<Form 2-Y>>. Please refer to "Tips for writing application form for Young Academic Staff" <<Annex 3>>. Both forms are to be submitted by e-mail to the IAMU Secretariat as follows:

Deadline: **24:00 Thursday 31 May 2021 JST (Japan Standard Time)**

Contact person: Mr. Yusuke Mori, Deputy Executive Director

e-mail: project@iamu-edu.org

e-mail subject: RP2022YAS

(2) Selection of Research Proposals

All proposals submitted to the Secretariat will be forwarded to the referees endorsed by the Working Group on Research Projects. Selection of the proposals will be conducted by the Working Group members around August or September 2021. It is not necessarily the case to select a proposal from each theme, but selection will be in accordance with the quality of proposal. Based on the evaluation result, the Head of AAC recommends selected proposals to the International Executive Board (IEB) for its approval scheduled for October 2021.

(3) Notification of the selection results (scheduled for October 2021)

The Secretariat will inform all applicants of the selection results approved by IEB as:

Either “*Accepted*” or “*Rejected*.”

Applicants of accepted proposals may be required to modify the contents and/or budget of the research proposals with recommendations from AAC and/or Secretariat.

(4) Notification of final approval

The Contractors/applicants of accepted proposals will be notified of final approval soon after the IEB meeting in April 2022. A written agreement between the Contractor and the Executive Director - “Consignment Contract for IAMU Research Project FY2022” - will be dispatched for signatures.

(5) Budget payments

At the request of the Contractor, a maximum of 60% of the total budget amount will be sent to the account of the Contractor's university. The balance (remaining 40%) will be sent to the same account by around August 2023, upon receipt of the invoice from the contractor within thirty days after the final research project report has been approved by the AAC and the IEB.

(6) Research reporting

The Contractor/applicant shall make a progress report in English at AGA22 to be hosted by Batumi State Maritime Academy, Batumi, Georgia in October 2022.

The Contractor/Research applicant shall submit the following reports in English to the Secretariat as a set of pdf file and MS word file attached to an e-mail to the address <project@iamu-edu.org>.

- ♦ Progress report <<Form 3>> by the end of March 2023 JST.
- ♦ Final research project report <<Form 4>> by the end of May 2023 JST.

The Secretariat will send official reminders by one month prior to the deadlines shown above.

The Contractor will be penalized as follows if the deadlines are not met.

- The Contractor shall not receive the balance of the budget (remaining 40%).
- The Contractor shall not enter the Research Project competition for the next year, while the Research coordinator shall not enter the competition for the next three years as coordinator.

(7) Final report evaluation

The referees endorsed by the Working Group on research projects will evaluate the final reports. The results of the evaluation will be forwarded to IEB for consideration. Research coordinators may be required to modify the contents of the final report according to the comments from the evaluators.

(8) Final report approval

The AAC and IEB shall make a final decision based on the evaluation results mentioned in (7). If the outcome is positive, the balance of the fund shall be sent to the account of the Contractor's university.

(9) Publication of final reports

The Secretariat will arrange the electronic formatting of the reports and upload the reports on the IAMU online portal. Publication will be completed by around September 2023.

Annex 3 (YAS)

Tips for writing application forms for Young Academic Staff in FY2022

1. Theme

Select only one of the three themes listed in the column in Form 1- Y.

2. Research title

The Research title should be concise and consistent with your research objectives.

A short sub-title may be included if necessary.

3. Applicant

The applicant is responsible for communication with the Secretariat and the Academic Affairs Committee regarding the research project content. The applicant for Young Academic Staff shall be a full-time academic staff except a full professor of the IAMU member university.

4. Designated Contractor

The Designated Contractor of the research project shall be the representative of the IAMU member university to which the applicant belongs.

5. Background

The motivation of the research needs to be explained and discussed supported by the relevant state-of-the art. It is important to provide list of key references on the subject field.

6. Research objectives

For themes 1 and 2, describe your research objectives in light of the desirable goals for each theme shown in the Annex 1 to the Call for Research Proposals for Young Academic Staff in FY2022.

For theme 3, clarify the relationship between your proposed research theme and IAMU objectives and goals (Basic Agreement Article II & III, <https://iamu-edu.org/about-iamu/basic-agreement/>).

Describe your research objectives in a clear and concise manner in accordance with the goals you identified for your project.

7. Methodology and description of work

The research methodology selected for the work needs to be described with sufficient details. The whole project may be broken down into tasks/work packages. In case you have research partners, the content of each task/work package should be identified in conjunction with the role of the partners listed in your application form. The description should be concrete and feasible. This is a key consideration for the proposal evaluation.

8. Expected impact and deliverables

Expected impact and potential contribution to IAMU objectives and goals need to be clearly defined.

The following are minimum deliverables for the approved proposal:

(1) Making a presentation of an interim report in AGA22 (2022) organized by the Batumi State Maritime Academy (Georgia); and

(2) Submitting a progress report and a final report by the deadline set.

The name(s) of relevant peer review journal(s) can be listed in this column if the team members plan to submit papers based on their research.

9. Research partners

If needed, you can have research partners who are young academic staff of IAMU member universities only.

10. Academic achievements in the fields related to the proposed research

It is strongly recommended that you list academic achievements of Applicants (and partners if applicable) in the fields related to the proposed research, such as official reports and journal papers. Experience as designated members of committees associated with the proposed research can also be listed where appropriate.

11. Research Schedule

Research schedule should be clear and feasible. It is recommended that an appropriate graphic image such as a Gantt chart should be included in your application form.

12. Basis for calculation of Budget

Research budget proposals shall be submitted using <<Form 2-C>>.

The total budget applied for should not exceed the budget framework indicated on the call for research proposal. The cost for attending Annual General Assembly such as air ticket, accommodation fee and registration fee should be included in your budget.

Please note that you are not allowed to purchase any kind of equipment, such as PCs, iPad, Voice Recorder, Digital Camera, Digital Video Camera, Cell-phone etc.

Original receipt of the expenses should be deemed as evidence and must be kept by your university.

1) Travel Expenses

The cheapest airfare (discounted economy class)

The airfare for your research partners to the AGA22 may be included in this category.

2) Accommodation fee

The hotel cost during AGA22

3) Transportation cost (train, bus, subway, taxi etc.)

Between the airport and the hotel etc.

4) Research cost (including costs for equipment rental, post, data, meetings etc.)

Cost for collecting information, gathering data, special software for the project, meeting cost for experts etc.

5) Miscellaneous (consumables, office supplies, etc.)

The registration fee for IAMU Conference at Batumi, Georgia

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