

Annex 1

Guideline - Research Proposals for All Academic Staff (Research Period: May 2019 to May 2020)

Theme 1: Impact of new concepts on Maritime Education and Training (Max. USD 60,000)

Possible key concepts to be structured and explored within the theme might include:

- Autonomous ship
- Polar navigation
- Cyber security
- Environmental issues
- Risk assessment and management

Desirable Goals

- Improvement and development of new curricula
- Best practices for maritime education and training
- Proposals of new MET methodology and pedagogy
- Recommendation of possible regulatory changes

Theme 2: Innovative technology for improvement of routine ship operations

(Max. USD 60,000)

Possible key concepts to be structured and explored within the theme might include:

- Noise and vibration
- Anti-fouling coating
- Control of NO_x, SO_x, CO_x emissions
- Fuel efficiency
- Automation

Desirable Goals

- Improvement of efficiency of ship operations
- Reduction of the ship's operational cost
- Improvement of seafarers' working conditions
- Environmental protection

Theme 3: Optional theme

(Max. USD 60,000)

Applicants to this optional theme are required to describe possible key concepts to be structured and explored within the theme as well as a couple of desirable goals in their application forms (Form 1-B)

Note:

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

Form 1-A is for Theme 1 and 2

Form 1-B is only for Theme 3

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