



## 2023 training workshop of the ISA - China Joint Training and Research Centre (JTRC)

The ISA - China Joint Training and Research Centre (JTRC) was established in Qingdao, China following the signing of a memorandum of understanding between ISA and the State Oceanic Administration of China in 2019 to support ISA's responsibilities and obligations related to capacity-building and marine scientific research.

The JTRC aims to promote training and capacity-building programmes and stimulate and advance the conduct of marine scientific research.

The JTRC is organizing its second training workshop on marine science and technology from **16 to 27 October 2023 in Qingdao, Shandong, China**. The programme of the workshop will be structured around the six strategic research priorities identified by the ISA Action Plan for Marine Scientific Research in support of the UN Decade of Ocean Science for Sustainable Development (MSR Action Plan<sup>1</sup>) endorsed by all ISA Members. The training workshop will host up to 20 participants, including nationals from China and from developing countries especially the least developed countries (LDCs), landlocked developing countries (LLDCs) and small island developing States (SIDS).

The workshop is targeted at junior scientists and engineers from diverse backgrounds (marine geologists, marine biologists, oceanographers, biogeochemists, etc.) with an interest in the deep sea and related professional development. Applications from governmental officials will also be considered. In light of ISA's commitment towards women empowerment and leadership in deep-sea research, preference will be given to qualified women applicants. Candidates from LDCs, LLDCs and SIDS are strongly encouraged to apply.

### **Programme**

The first week of training will take place in Qingdao West Coast New Area and the second week will take place in the Qingdao Oceantec Valley. The programme will include:

- Theoretical lectures on deep-sea related topics such as mineral resources, environmental protection, deep-sea biodiversity and habitats, and deep-sea technologies and equipment
- Operational practice of underwater vehicles and simulators
- Site visits to the ocean-related institutions in Qingdao
- Offshore operation onboard a research vessel
- Participation in an international symposium that will take place in Qingdao
- Group assignment and evaluation.

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<sup>1</sup> [ISBA/26/A/4](#)

## **Support**

The costs involved in the training workshop, including international travel to China, travel expenses in China, training materials, accommodation and food for the duration of the workshop will be covered by China and ISA. In addition, ISA will assist participants with visa procedures.

## **Expected outcomes**

Through the workshop participants are expected to:

- Acquire an advanced scientific problem-solving capacity
- Analyze and interpret scientific deep-sea data
- Gain hands-on experience in the field including familiarization with cutting-edge technologies
- Be able to communicate with international peers and various stakeholders in the deep-sea field
- Understand the importance of informing and engaging with the general public concerning the deep sea
- Acquire new soft skills important for their career including engagement with the broader public on science
- Acquire competences to further develop a network in an international and multidisciplinary deep-sea context
- Understand the mandates of ISA, especially in supporting deep-sea scientific research.

## **Eligibility criteria**

Applicants should be citizens of developing States Members of ISA. Applications must be endorsed by national or local research institute or government body. Applicants must meet the following requirements:

1. Hold a BSc and/or master's degree in a field related to deep-sea research or technology
2. Have a professional background relevant to the training subjects
3. Hold a certificate of good health issued by a medical institution
4. Have good communication skills, with a good command of the English language
5. Have the ability to participate in the training activities mentioned above.

## **Application**

Applications should be submitted no later than **31 August 2023** through the online training portal.

Applicants should complete the online application form available at <https://forms.gle/WLSU7LJcYy5CjnzC8>, including uploading:

- nomination form completed by the institution or governmental department
- copy of a degree certificate
- copy of CV or résumé.

For queries, please contact us at [jtrc@isa.org.jm](mailto:jtrc@isa.org.jm).