



**MEMORANDUM OF UNDERSTANDING  
between**

**The International Seabed Authority  
and  
The National Institute of Oceanography and Fisheries of Egypt**

**Concerning the establishment of a Joint Training and Research Centre**

The purpose of the present memorandum of understanding is to specify the scope of cooperation between the National Institute of Oceanography and Fisheries of Egypt and the International Seabed Authority with a view to promoting and encouraging the conduct of marine scientific research in the Middle East area and Africa.

The present memorandum of understanding aims to create training and capacity-building opportunities for developing countries, in particular through international cooperation, the development of technological knowledge and research and the establishment of a joint training and research centre.

*Whereas,*

The National Institute of Oceanography and Fisheries of Egypt is a governmental, non-profit scientific institution with its headquarters in Cairo, functioning under the Ministry of Higher Education and Scientific Research in Egypt, and is primarily engaged in basic and applied research and training in the fields of physical, chemical, geological, geophysical and biological oceanography as well as fisheries, fish biology and other interdisciplinary fields such as environment, coastal processes and aquaculture in fresh and marine waters. The Institute performs duties that include surveying, monitoring and evaluation of marine natural resources and is engaged in the promotion of international cooperation, especially with developing countries and international organizations;

The Authority is the competent organization, with its headquarters in Kingston, through which States parties to the United Nations Convention on the Law of the Sea shall, in accordance with part XI of the Convention and the Agreement relating to the Implementation of Part XI of the Convention (1994 Agreement), adopted on 28 July 1994 by the General Assembly in its resolution 48/263, organize and control activities in the Area, in particular with a view to administering the mineral resources of the Area, as defined in article 1, paragraph 1 (1), of the Convention;

The Authority has a duty to develop and implement mechanisms to build capacity for developing States in accordance with its mandate under the Convention and the 1994 Agreement<sup>1</sup>;

The Authority promotes and encourages the transfer of technology to developing States and the expansion of opportunities for their participation in activities in the Area in line with its strategic plan<sup>2</sup> and its revised version, and high-level action plan for the period 2019–2023<sup>3</sup>, the action plan in support of the United Nations Decade of Ocean Science for Sustainable Development<sup>4</sup> and the capacity development strategy<sup>5</sup>;

Both the Authority and the Institute wish to continue and further deepen their cooperation in matters related to the implementation of part XI of the Convention and the 1994 Agreement;

1. Both the Authority and the Institute hereby agree to enter into a memorandum of understanding to:

- a) Promote international and regional cooperation in marine scientific research in the Area;
- b) Coordinate the planning and implementation of the activities of the joint training and research centre in such a way as to stimulate and advance the conduct of marine scientific research by, and for the benefit of, developing States, particularly those from the African continent, including least developed States, landlocked developing States and geographically disadvantaged States, as well as small island developing States, with a view to fostering international and regional cooperation in marine scientific research and technological development.

2. The joint training and research centre is to be established in Alexandria in one of the regional offices of the Institute in coordination with the Authority to support the fulfilment of the latter's responsibilities and obligations in relation to capacity-building, marine scientific research and international cooperation for the development of marine technology, as well as the implementation of the strategic directions identified in the Authority's strategic plan for the period 2019–2023 and its revised version.

3. The mission of the joint training and research centre is to:

- a) Promote training and capacity-building opportunities and programmes developed for nationals of developing States in activities relating to the seabed;
- b) Stimulate and advance the conduct of marine scientific research by developing States;

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<sup>1</sup> See United Nations Convention on the Law of the Sea, arts. 144, 148, 273 and 274.

<sup>2</sup> See ISBA/24/A/10, annex.

<sup>3</sup> See ISBA/25/A/15 and ISBA/25/A/15/Corr.1, annex II.

<sup>4</sup> See ISBA/26/A/17, annex.

<sup>5</sup> See ISBA/27/A/5, annex I.

- c) Foster cooperation in marine scientific research and technological development, including, where feasible and appropriate, the transfer of marine technology;
  - d) Increase the participation of developing States in activities in the Area;
  - e) Develop and implement specific activities and programmes to advance women's empowerment and leadership in deep-sea research.
4. The main purpose of the joint training and research centre will include the following:
- a) Provision of training programmes in marine science and technology, as well as in techniques for marine scientific research, that are designed to facilitate the full participation of developing States in activities in the Area, including, where appropriate, training programmes to be provided by contractors under exploration or exploitation contracts with the Authority;
  - b) Conduct of collaborative research programmes related to the latest developments and trends concerning activities in the Area;
  - c) Organization of conferences, seminars, workshops and symposiums relating to marine scientific research in the Area and activities in the Area;
  - d) Prompt dissemination of the results of marine scientific and technological research in easily accessible publications;
  - e) Foster technical cooperation with other States, especially with developing countries, including least developed States, landlocked developing States and geographical disadvantaged States and small island developing States;
  - f) Other functions as agreed by both parties.
5. A steering committee is to be established to provide advice and guidance to the director of the joint training and research centre on the following matters:
- a) Planning and implementation of the training and research programmes of the centre;
  - b) Annual workplan of the centre on training and research programmes;
  - c) Reports on the work of the centre;
  - d) Fundraising for the training and research programmes of the centre;
  - e) Other matters as agreed by both parties.
6. The steering committee should be composed of two members nominated by the Authority and two members nominated by the Institute, and include the director of the joint training and

research centre. The chair of the steering committee should be elected by the members of the committee from among the members other than the director. The chair should rotate between the Authority and the Institute every two years.

7. The steering committee should meet at least once a year at a place to be decided upon by the committee. Additional meetings may be held as necessary, including by other remote means such as teleconference.

8. The steering committee will adopt its rules of procedure. Decision-making in the committee shall be by consensus. If all efforts to reach a decision by consensus in the committee have been exhausted, the committee will submit the matter to both parties for further consultation.

9. The director of the joint training and research centre shall be nominated jointly by the Institute and the Authority for five years. The director may be reappointed.

10. The director will represent the joint training and research centre and be responsible for the daily operations of the centre.

11. The director will be responsible for and should seek the advice of the steering committee on the following matters:

- a) Preparing an annual workplan on training and research programmes;
- b) Implementing the training and research programmes of the centre;
- c) Preparing reports on the work of the centre;
- d) Fundraising for the training and research programmes of the centre.

12. The Institute will provide offices, conference rooms, supplies, equipment and supporting staff for the joint training and research centre.

13. Training programmes provided by the joint training and research centre are to be carried out for the benefit of developing States, in particular least developed States, landlocked developing States and geographically disadvantaged States as well as small island developing States. In granting training opportunities, due regard should be paid to gender balance and equitable geographical distribution.

14. Training programmes should be carried out at all levels on various aspects of marine scientific and technological research, in particular but not limited to marine biology, oceanography, hydrography, engineering, geological and geophysical exploration of the seabed, mining and metallurgical technologies, where feasible and practicable.

15. Research programmes supported by the joint training and research centre may include research relating to:

- a) Policies, technologies, best practice and applicable international legal frameworks related to the protection and preservation of the marine environment, including the prevention, reduction and control of marine pollution;
  - b) Monitoring trends and development in deep-sea mining technology, in particular technology relating to the protection and preservation of the marine environment.
16. The funds of the joint training and research centre may come from:
- a) Operational funds provided by the Institute;
  - b) Training and research funds or grants provided by the Institute, if available;
  - c) Training and research funds received through the Authority, if available;
  - d) Funds raised by the steering committee;
  - e) Voluntary contributions from contractors;
  - f) Voluntary contributions from members and observers of the Authority, other international institutions, philanthropic organizations, agencies or international organizations;
  - g) Where appropriate, grants from the Authority's Partnership Fund, subject to approval under the applicable terms of reference, guidelines and procedures of the Fund;
  - h) Other sources of funding.
17. Both parties agree to promote the activities of the joint training and research centre and its training and research programmes and to encourage financial contributions to those programmes.
18. Nothing in the present memorandum of understanding or any document related to it implies a waiver, express or implied, by the Authority or any of its officials, of any privileges or immunities enjoyed by them under the Convention.
19. The present memorandum of understanding does not constitute an international treaty and does not create legally binding rights or obligations for the parties, and neither party will have the authority to act on behalf of or otherwise bind the other party. Neither the Authority nor any of its members will bear any liability for any activities of the joint training and research centre.
20. The present memorandum of understanding is without prejudice to agreements concluded by either party with other organizations and programmes.
21. The present memorandum of understanding is signed by both parties in a spirit of cooperation. The terms of the present memorandum may be altered with the written consent of both parties.

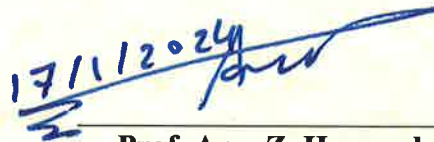
22. The present memorandum of understanding shall take effect from the date of signature by both parties and shall continue for five (5) years except terminated by either party after providing three (3) months' notice. It may be extended by mutual agreement of both parties for further terms of five (5) years.

For the International Seabed Authority

For the National Institute of Oceanography and Fisheries of Egypt



**Michael W. Lodge**  
**Secretary-General**



**Prof. Amr Z. Hamouda**  
**President of NIOF**

Date *18 January 2024*

Date