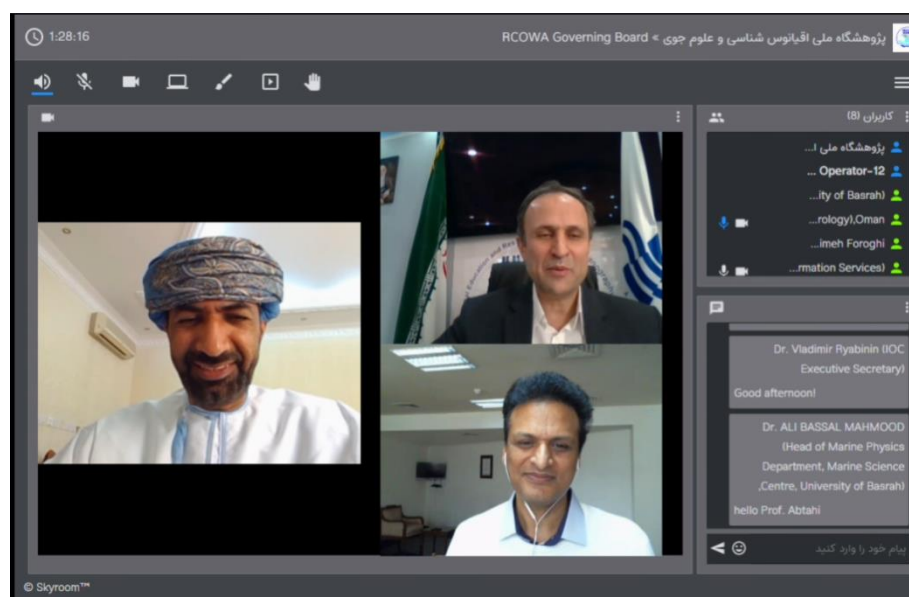
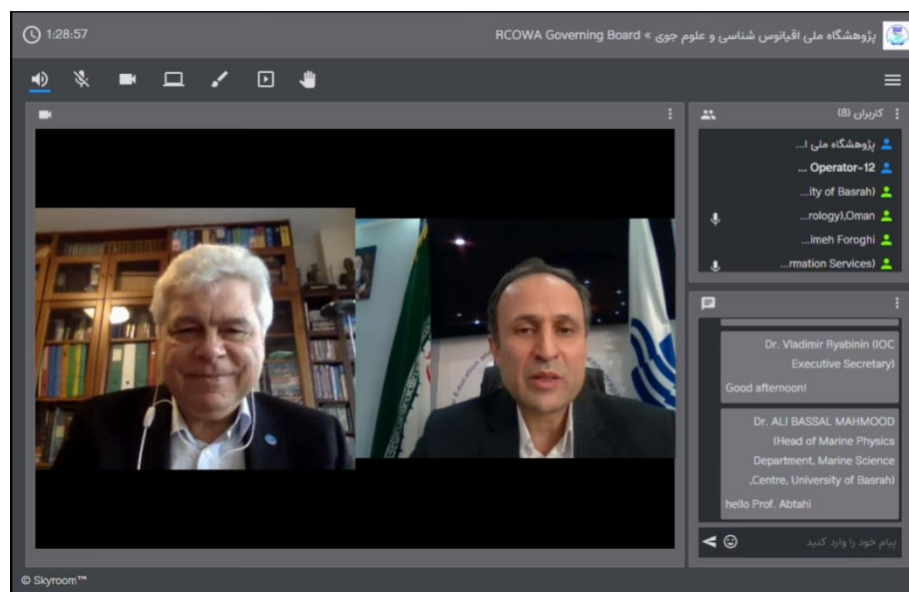
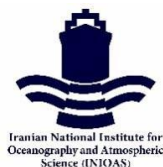


Report on

**FOURTH SESSION OF THE GOVERNING BOARD OF UNESCO CATEGORY 2 REGIONAL
EDUCATION AND RESEARCH CENTRE ON OCEANOGRAPHY FOR WEST ASIA (RCOWA)**

(12:00- 14:00 Tehran Time, 12 January 2021, Online)





FOURTH SESSION OF THE GOVERNING BOARD OF UNESCO CATEGORY 2 REGIONAL EDUCATION AND RESEARCH CENTRE ON OCEANOGRAPHY FOR WEST ASIA (RCOWA)

(12:00- 14:00 Tehran Time, 12 January 2021, Online)

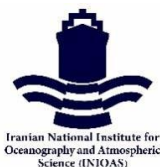
SUMMARY REPORT

1. OPENING AND WELCOME

The Chair of the RCOWA Governing Board, Prof. Behrooz Abtahi, opened the 4th Board meeting which was held virtually at 12:00 Tehran Time (GMT +4:30) on 12 January 2021. He started with a welcome address expressing thanks to all Members of the Board joint the meeting. He mentioned the challenges the COVID-19 Pandemic raised for the whole world which was the reason of organizing the meeting in an online modality. He mentioned that RCOWA tried its best in this difficult situation to continue its activities and change these challenges to opportunities.

His address was followed by the welcome of the IOC Executive Secretary, Dr. Vladimir Ryabinin. The IOC Executive Secretary appreciated the activities of RCOWA and informed the Board of the correspondences between IR of Iran and IOC for renewal of RCOWA Agreement of establishment. He also noted that the duration of the RCOWA agreement will end in December 2021 and this year would be important for RCOWA since the formal process for renewal of the Centre should be fulfilled. He continued his speeches about the UN Decade of Ocean Science for Sustainable Development which will start this year in 2021. He mentioned the program of "The West Asia Blue Waters" that was proposed by RCOWA and appreciated RCOWA for it.

2. ORGANIZATION OF THE SESSION



The Chair described arrangements for the online session, explain that the session's time was set to 12:00 pm Tehran Time considering the time differences of the members countries, so that all members of the Governing Board can participate in the meeting.

The Chair introduced the Documents: RCOWA 4/1, Provisional Agenda for comments and adoption, and RCOWA 4/2, List of Documents which were approved by the Board. He then focused on the objectives of the meeting.

3. RESPONSIBILITIES AND COMPOSITION OF THE GOVERNING BOARD

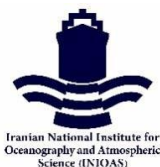
The Chair reminded participants of the procedures on the establishment of Category 2 Centres under the auspices of UNESCO, approved by UNESCO General Conference at its 37th session in October 2013 (37C/18 Part XVII0, and of Article 7 of the Agreement between UNESCO and Ministry of Science, Research and Technology of I.R. of Iran on the Establishment of RCOWA, containing information on composition, responsibilities, and functions of the Centre Governing Board.

The Chair invited Mr Justin Ahanhanzo, the representative of UNESCO to inform the Board Members of any updates of the criteria and strategy of UNESCO especially the ones affected by the COVID-19 pandemic. The representative of UNESCO appreciated the activities of RCOWA during the last year and informed the board of the new strategy of UNESCO for establishing / renewal of Category 2 Centres (2019). He also informed the Board that the reports are online and asked the RCOWA Director to upload it in the new system designed by UNESCO for the reports of the Category 2 Centres.

4. RCOWA ACTIVITIES REPORT IN 2019 AND 2020 (DURING COVID-19 PANDEMIC)

The Chair referred to the implementation of the work plan approved by the 3rd session of the RCOWA Governing Board and introduced a brief report on activities of the Centre for the period 2019 and 2020 (DURING COVID-19 PANDEMIC). The Chair reported the following RCOWA activities:

- ☐ Workshop on Effects of Climate Change on the Indian Ocean Marine Environment, Tehran, Islamic Republic of Iran, 10-11 November 2019, in cooperation with IORA-

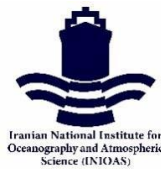


RCSTT (*Frozen due to COVID -19 Pandemic*)

- ☐ Cooperation in organizing "Ponto-Caspian Stratigraphy and Geochronology (POCAS)" Conference, 12-18 October 2019 in Tehran, I.R. of Iran
- ☐ Third Session of the Governing Board of Regional Education and Research Center on Oceanography for West Asia (RCOWA) under the auspices of UNESCO, 27 June 2019
- ☐ Online meeting with Dr. Vladimir Ryabinin, Executive Secretary of the Intergovernmental Oceanographic Commission and Assistant Director- General of UNESCO on RCOWA related activities, 6 May 2020
- ☐ 2nd International Conference on Oceanography for West Asia (RCOWA-2020), 16-17 September 2020 in an online modality due to COVID-19 Pandemic.
- ☐ Four online workshop webinars preceded the RCOWA 2nd conference (RCOWA-2020) from 12th to 15th September 2020 on the following titles:
 - Trends of Coral Reefs of the Persian Gulf and the Gulf of Oman, 10:00 am-13:00 Tehran time (05:30 am- 08:30 am GMT), Saturday, 12 September 2020
 - Microplastics Pollution in Marine Environment, 10:00 am-13:00 Tehran time (05:30 am- 08:30 am GMT), Sunday, 13 September 2020
 - Marine Biogeochemical Processes in the Perspective of Climate Change, 10:00 am-13:00 Tehran time (05:30 am- 08:30 amGMT), Monday, 14 September 2020
 - Tsunami Early Warning System, 10:00 am-13:00 Tehran time (05:30 am- 08:30 am GMT), Tuesday, 15 September 2020
- ☐ Pursuing the process of renewal of RCOWA Agreement on its establishment.
- ☐ Cooperation in organizing a one day workshop on "Development and applications of bioactive substances derived from marine organisms", 19 February 2020, Tehran, I.R. of Iran.
- ☐ Online Workshop-Webinar on "Age-depth modeling of marine and lacustrine sediments using 'clam' and 'Bchron' packages in R statistical software", 4 January 2021

The Chair also reported briefly on the activities of RCOWA in 2019:

- Cooperation in organizing "Ocean Teacher Global Academy Training Course: Remote Sensing of Coral Reefs", 20 - 23 October 2019, Tehran I.R. of Iran
- Holding the Workshop on Seismic Data Acquisition, 11 October 2019, Tehran, IR. Iran
- Holding "3rd Session of the Governing Board of UNESCO Category 2 Regional Education and Research Centre on Oceanography for West Asia (RCOWA)", 27 June 2019, UNESCO/IOC Headquarters, Paris, France
- Holding "Ocean Acidification workshop: Developing regional capacity for ocean observations in support of SDG target 14.3", 8 – 9 June 2019, Tehran, Iran
- Cooperation in organizing "12th Session of the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWMS-XII)", 9-12 March 2019 and "Expert Consultation on Scientific



Tsunami Hazard Assessment of the Makran
March 2019, Kish Island, Islamic Republic of Iran

Subduction Zone", 8

The Board appreciated the activities of the Centre.

5. EXTENSION OF AGREEMENT OF RCOWA ESTABLISHMENT

The Chair informed the Board Members of the ending of the duration of the Agreement of RCOWA establishment as it was signed in 2015 between the Minister of Science, Research and Technology of IR. of Iran and the UNESCO Director General for a period of 6 years.

The IOC Executive Secretary informed the Board of the correspondences in this regards between Iran and IOC and the fact that the duration of the RCOWA agreement will end in December 2021. He noted that the formal processes should be fulfilled according to the new rules and strategy for UNESCO Category 2 Centres.

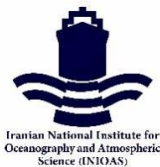
6. WORKPLAN FOR 2021-2022 AND BUDGET MATTERS

The Chair introduced Document RCOWA 4/6 containing a draft of the work plan and budget for 2021-2022. He paid special attention to the centre's contribution to the key IOC programme activities in marine science and research, especially the Decade of Ocean Science for Sustainable Development.

The Chair reminded the Board of IOC-UNESCO Call for Actions for the United Nations Decade of Ocean Science for Sustainable Development (2021–2030) and informs the Board that the RCOWA activities will be in line with the Decade initiatives. He requested the Board to comment on the RCOWA proposal as an Ocean Decade programme entitled "The West Asia Blue Waters".

The program covered a wide range of different oceanographic disciplines that are organized in 5 projects with the aim of environmental preservation, education, data and information sharing and associating coastal dwellers in ocean and coastal observations

1. An accessible ocean and marine science and technology in West Asia, establishing marine docs system, west Asian ocean and marine experts system and ocean biogeographical system for the exchange of information among scientists and end users



2. Free remotely sensed database for scholars and end users to decipher ocean and marine health in west Asia
3. Marine news, transfer of general ocean and marine science to schools, local people and people who goes to sea for work and leisure to share their findings (pollution, new species and abnormal events)
4. Clean coast, clean sea, healthy life
5. Floating school, involving students, teachers and decision makers in research on the scientific vessels to see how the ocean system works

The Board endorsed the Program and approved the work plan.

7. DATES AND PLACE OF THE FIFTH SESSION OF THE RCOWA GOVERNING BOARD

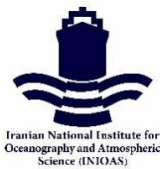
The dates and place of the next session was not determined since it depends on the pandemic condition. The consensus for the next meeting will be through future correspondences.

8. ADOPTION OF THE SUMMARY REPORT AND RECOMMENDATIONS

At the end of the session, the chair announced that the report of the session will be sent to all Board members for comments and adoption. The Board sent their recommendations through email and adopted the summary report.

9. CLOSURE

The meeting was closed at 14:00 Tehran time, 12 January 2021.

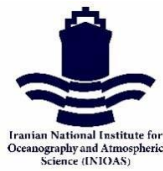


**FOURTH SESSION OF THE GOVERNING BOARD OF UNESCO CATEGORY 2 REGIONAL
EDUCATION AND RESEARCH CENTRE ON OCEANOGRAPHY FOR WEST ASIA (RCOWA)**

(12:00- 14:00 Tehran Time, 12 January 2021, Online)

PROVISIONAL AGENDA

- 1. OPENING AND WELCOME**
- 2. ORGANIZATION OF THE SESSION**
- 3. RESPONSIBILITIES AND COMPOSITION OF THE GOVERNING BOARD**
- 4. RCOWA ACTIVITIES REPORT IN 2019 AND 2020 (DURING COVID-19 PANDEMIC)**
- 5. EXTENSION OF AGREEMENT OF RCOWA ESTABLISHMENT**
- 6. WORKPLAN FOR 2021-2022 AND BUDGET MATTERS**
- 7. OTHER MATTERS**
- 8. DATES and PLACE OF THE FIFTH SESSION OF THE RCOWA GOVERNING BOARD**
- 9. ADOPTION OF SUMMARY REPORT AND RECOMMENDATIONS**
- 10. CLOSURE**



FOURTH SESSION OF THE GOVERNING BOARD OF UNESCO CATEGORY 2 REGIONAL EDUCATION AND RESEARCH CENTRE ON OCEANOGRAPHY FOR WEST ASIA (RCOWA)

(12:00- 14:00 Tehran Time, 12 January 2021, Online)

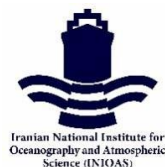
LIST OF DOCUMENTS

WORKING DOCUMENTS

- 1. PROVISIONAL AGENDA (RCOWA 4/1)**
- 2. LIST OF DOCUMENTS (RCOWA 4/2 – this document)**
- 3. LIST OF PARTICIPANTS (RCOWA 4/3)**
- 4. ANNOTATED PROVISIONAL AGENDA (RCOWA 4/4)**
- 5. REPORT OF THE RCOWA ACTIVITIES 2019-2020 & RCOWA-2020 CONFERENCE (RCOWA 4/5)**
- 6. WORK PLAN AND BUDGET FOR 2021-2022 (RCOWA 4/6)**

INFORMATION DOCUMENT

- 1. Report of the 3rd Session of the RCOWA C-2-C Governing Board**
- 2. Agreement between UNESCO and Iranian Ministry of Science, Research, and Technology (MSRT) on the establishment of RCOWA**
- 3. IOC/UNESCO Circular Letter No. 2811: Call for action of United Nations Decade of Ocean Science for Sustainable Development (2021–2030)**



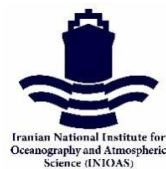
WORKPLAN AND BUDGET FOR 2021-2022

WORKPLAN FOR 2021-2022

- ☐ Actions for supporting the UN Decade of Ocean Science for Sustainable Development
- ☐ Workshop on "How to do An Oceanographic Survey with emphasis on zooplankton"
- ☐ Workshop on "Data Analysis and Ocean Observing Instruments"
- ☐ Workshop on "Coastal Desalination Sea water intake and Brine Disposal system- Planning, Design and Implementation"
- ☐ Workshop on "Patent and Intellectual Properties in Ocean Researches and innovation"
- ☐ 5th RCOWA Governing Board Meeting (In case of Extension of RCOWA Agreement)

BUDGET FOR 2021-2022

Title	US\$ Amount
Governing Board Expenses Secretariat <ul style="list-style-type: none"> - Director - 3 Deputies - 11 Staffs - Equipment and Services (office utilities, print, scan, copy, etc.) 	150,000
Office Rental Charges	70,000
Regional Workshops, Training courses, and Conferences	195,000
Regional Services <ul style="list-style-type: none"> - Management - Consultation - Support 	15,000
Ocean Data and Information Management: <ul style="list-style-type: none"> - Reanimate IOC/IODE ODIN type program for the region - Support - Maintenance of the website for increasing awareness 	85,000
TOTAL US\$	515,000



Programme on the UN Decade of Ocean Science for Sustainable Development

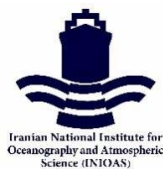
The West Asia Blue Waters

Following the IOC-UNESCO Call for Actions for the United Nations Decade of Ocean Science for Sustainable Development (2021–2030), the UNESCO Category 2 Regional Education and Research Centre on Oceanography for West Asia (RCOWA) proposes the programme entitled "**The West Asia Blue Waters**" to link the science and life and to elevate the ocean literacy amongst people in the region.

The program covers a wide range of different oceanographic disciplines that are organized in 5 projects with the aim of environmental preservation, education, data and information sharing and associating coastal dwellers in ocean and coastal observations.

6. An accessible ocean and marine science and technology in West Asia, establishing marine docs system, west Asian ocean and marine experts system and ocean biogeographical system for the exchange of information among scientists and end users
7. Free remotely sensed database for scholars and end users to decipher ocean and marine health in west Asia
8. Marine news, transfer of general ocean and marine science to schools, local people and people who goes to sea for work and leisure to share their findings (pollution, new species and abnormal events)
9. Clean coast, clean sea, healthy life
10. Floating school, involving students, teachers and decision makers in research on the scientific vessels to see how the ocean system works

Title of Project	Duration (year)	Main Objective	Main Outcome
West Asia Marine Science and Scientists Hub	4	Providing a platform for regional dialogue on oceanography	Developing a regional experts' database



Remotely sensed database	5	Accessibility of remotely sensed data for scholars and students	A remotely sensed data repository
Seagoers	10	Scientific participation of coastal dwellers	Developing coastal observations to remote areas
Clean coast, clean sea	4	To participate local people and visitors in preserving the environment	Organizing NGOs and local communities for environmental protection
Floating Oceanography School	10	Practical oceanography for everyone	Training young people on board

1. Title of Project: West Asia Marine Science and Scientists Hub

Partner organization: UNESCO CATEGORY 2 REGIONAL EDUCATION AND RESEARCH CENTRE ON OCEANOGRAPHY FOR WEST ASIA (RCOWA)

Address of the partner organization: No.3, Etemadzadeh St. Fatemi Ave, Tehran, Iran

Period of time: Four years

Head of the Project: Abdolvahab Maghsoudlou

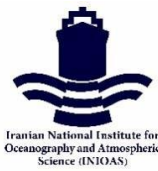
E-mail of the Head of the Project: wahabbio@gmail.com; wahab@inio.ac.ir

Project objectives:

- It is a directory of specialists focusing on the west Asia seawaters, their contact points and resume will be organized in a database and the site will be accessible for the west Asia countries as well as all around the world for collaboration.
- To organize a data base of all information about the West Asia water bodies including papers, books, maps and reports and to establish a relevant site for searching and access. The materials that their access required permission from ownership will be restricted to the metadata level.
- To provide training support to the CBD's EBSA (The Convention on Biological Diversity's (CBD) process to describe Ecologically or Biologically Significant Marine Areas (EBSAs) process for the west Asia countries through holding continuous training courses and planning sessions under the umbrella of IOC-IODE/OBIS.

Expected outcomes:

- Easy to find data and related people that dedicated their expertise on the west Asia seas
- Increase general and specialized awareness on marine data processing
- Biodiversity open access database platform for each West Asia countries through GBIF-IPT



Project activities:

- To gather information concerned the west Asia seawaters and marine researchers
- To develop a data base and relevant site
- To allocate a proper server with required internet
- To maintain the mentioned system
- To hold continuous training courses and planning sessions under the umbrella of OBIS include:
 - Marine biodiversity data processing using OBIS for the west Asia countries (four days' workshop)
 - Marine Biodiversity data visualization and mapping using R , ArcGIS (preliminary and advance curses)
 - Marine biodiversity Data modelling Using MAXENT
 - Statistical approach to investigate marine biotic and abiotic interactions (four days' workshop)

Which Sustainable Development Goals (SDG) does your project relate to?

To generate the scientific knowledge and underpinning infrastructure and partnerships needed for sustainable development of the ocean. OBIS data can play an important role in identifying areas that meet specific EBSA criteria and UNESCO-WH criteria

To which Decade outcome(s) will your project contribute?

An accessible ocean with open and equitable access to data, information and technology and innovation.

Approx. number of team scientists: 5

Expected total budget (Euro): 25000

Secured budget sources (donor name and approx. amount (Euro)): Iranian National Institute for Oceanography and Atmospheric Science

Requested budget (Euro): 5000

Will you provide all data and resulting knowledge in an open access, shared, discoverable manner and appropriately deposited in recognized data repositories consistent with the IOC Oceanographic Data Exchange Policy or the relevant UN subordinate body data policy (Y/N)? Y

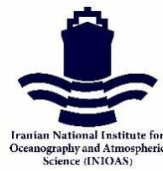
If yes, please provide a data management plan.

The goal is to gather the personal and scientific characteristics of experts to share the scientific abilities of each person. The method of collecting information is in the form of individual registration, which can be published after the validation of the manager. The west Asia countries are encouraged to involve in IOC-IODE-OBIS (as data provider) and publish and share their own biodiversity datasets through the Integrated Publishing Toolkit (IPT) developed by GBIF.

3. Title of Project: Seagoers

Partner organization: UNESCO CATEGORY 2 REGIONAL EDUCATION AND RESEARCH CENTRE ON OCEANOGRAPHY FOR WEST ASIA (RCOWA)

Address of the partner organization: No.3, Etemadzadeh St. Fatemi Ave, Tehran, Iran



Period of time: Ten years

Head of the Project: Babak Moradi

E-mail of the Head of the Project: babak.moradi@inio.ac.ir

Project objectives:

Development of platform for ocean science news, transfer of general ocean and marine science to schools, local people and people who goes to sea for work and leisure to share their findings (pollution, new species and abnormal events)

Expected outcomes:

Easy access to information about west Asia regional seas

Project activities:

- Development of a website providing resources (including media, posters, news, etc.) on ocean science and
- To gather marine data and reports by volunteer (marine pollution, new species and abnormal events, etc)

Which Sustainable Development Goals (SDG) does your project relate to?

To generate the scientific knowledge and underpinning infrastructure and partnerships needed for sustainable development of the ocean.

To which Decade outcome(s) will your project contribute?

A safe ocean where life and livelihoods are protected from ocean-related hazards. An inspiring and engaging ocean where society understands and values the ocean in relation to human wellbeing and sustainable development.

Approx. number of team scientists: 2

Expected total budget (Euro): 42000

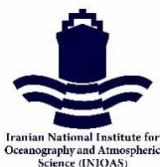
Secured budget sources (donor name and approx. amount (Euro)): Iranian National Institute for Oceanography and Atmospheric Science

Requested budget (Euro): 7000

Will you provide all data and resulting knowledge in an open access, shared, discoverable manner and appropriately deposited in recognized data repositories consistent with the IOC Oceanographic Data Exchange Policy or the relevant UN subordinate body data policy (Y/N)? Y

If yes, please provide a data management plan.

The goal is to gather the personal and scientific characteristics of experts to share the scientific abilities of each person. The method of collecting information is in the form of individual registration on the newly established website at <http://caspiexpert.inio.ac.ir/caspiexpert/home> , which can be published after the validation of the manager.



4. Title of the Project: Clean coast, clean sea

Partner organization: UNESCO CATEGORY 2 REGIONAL EDUCATION AND RESEARCH CENTRE ON OCEANOGRAPHY FOR WEST ASIA (RCOWA)

Address of the partner organization: No.3, Etemadzadeh St. Fatemi Ave, Tehran, Iran

Period of time: Four years

Head of the Project: Maryam Ghaemi

E-mail of the Head of the Project: mghaemi@inio.ac.ir

Project objectives:

- To establish the network for monitoring of costal pollutions (include nutrients, PAHs, heavy metals, marine derbis and micro-plastics) on the northern coasts of the Persian Gulf.
- To promote the oceanic knowledge and perceptions of local communities, fishermen, students and teachers.

Expected outcomes:

- Collected data will be used to determine local conditions, and to provide a baseline against which to measure future change.
- Take advantages of group collaboration in the development of oceanic knowledge and raising awareness of local communities, increase the motivation and desire for collective participation.
- Preparation of a Marine Education Kit will address a gap in resource material on the marine environment in schools

Project activities:

- To organize volunteer groups of coastal people, visitors and NGOs to take advantages of their role in illustrating a range of possible and innovative solutions to some of the threats facing the local coast; and their participation in different activates such as beach clean-ups, environmental fairs, field trips, presentations in local school and training fishermen.
- To organize sampling partners, include local peoples, scientists and the Environmental Protection Agency.
- To produce the Marine Education Kit for upper primary and lower secondary school students. The Kit is made up of four units - mangroves, seashores, coral reefs and oceans and seas (a coalition of volunteer educators, government departments and NGOs will provide teaching materials (in the form of a Kit) on the coastal environment).
- To Set up a marine education training camp for teachers in the Nayband Marine Park (to review the draft, is crucial for the development of the Kit).

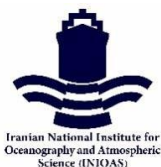
Which Sustainable Development Goals (SDG) does your project relate to ?

To generate the scientific knowledge and underpinning infrastructure and partnerships needed for sustainable development of the ocean.

Goal 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development

14.1 by 2025, prevent and significantly reduce marine pollution of all kinds, particularly from land-based activities, including marine debris and nutrient pollution.

To which Decade outcome(s) will your project contribute?



A clean ocean where sources of pollution are identified and reduced

or removed

Approx. number of team scientists: 10

Expected total budget (Euro): 5000

Secured budget sources (donor name and approx. amount (Euro)): Iranian National Institute for Oceanography and Atmospheric Science

Requested budget (Euro): 2000

Will you provide all data and resulting knowledge in an open access, shared, discoverable manner and appropriately deposited in recognized data repositories consistent with the IOC Oceanographic Data Exchange Policy or the relevant UN subordinate body data policy (Y/N)? Y

If yes, please provide a data management plan.

5. Title of the Project: Floating oceanography school

Partner organization: UNESCO CATEGORY 2 REGIONAL EDUCATION AND RESEARCH CENTRE ON OCEANOGRAPHY FOR WEST ASIA (RCOWA)

Address of the partner organization: No.3, Etemadzadeh St. Fatemi Ave, Tehran, Iran

Period of time: Ten years

Head of the Project: Abolfazl Saleh

E-mail of the Head of the Project: saleh@inio.ac.ir

Project objectives:

Floating oceanography school aims to involve students, teachers and decision makers in oceanographic researches aboard the research vessel Persian Gulf Explorer in the Persian Gulf and Gulf of Oman to understand how the ocean and marine systems work.

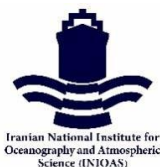
Incorporating practical learning, students participate in teams, manipulating oceanographic equipment, making observations, and gathering data and specimens from the water and sea bottom.

Floating oceanography school provides students the opportunity to learn about oceanography with actual observations and experiences on the Persian Gulf and Gulf of Oman as well as to study marine organisms in their offshore habitat.

Students gain so much experience with techniques and instruments that they could never get from a normal lecture or lab course.

Students and teachers will be able to make stronger connections with scientists of physical, chemical and biological oceanography.

Expected outcomes:



Organizing at least 10 field trips to the Persian Gulf and Gulf of Oman with students, teachers and volunteers during the decade.

Increasing public and specialized knowledge in the field of marine sciences, marine environment and oceanography.

Project activities:

To organize theoretical lectures on oceanography and marine science for students and teachers in near shore oceanographic centers.

To organize field trips aboard the RV Persian Gulf Explorer with students, teachers and volunteers during the decade.

Applying and manipulating oceanographic equipment, in-situ measuring, sampling, making observations, and gathering data and specimens from the water and sea bottom will be trained.

Logging data and metadata, data handling, documentation and writing reports in a research cruise will be trained.

Which Sustainable Development Goals (SDG) does your project relate to?

To generate the scientific knowledge and underpinning infrastructure and partnerships needed for sustainable development of the ocean.

To which Decade outcome(s) will your project contribute?

An inspiring and engaging ocean where society understands and values the ocean in relation to human wellbeing and sustainable development.

Approx. number of team scientists: 4

Expected total budget (Euro): 42000

Secured budget sources (donor name and approx. amount (Euro)): Iranian National Institute for Oceanography and Atmospheric Science

Requested budget (Euro): 7000

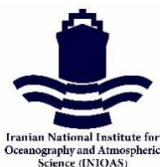
Will you provide all data and resulting knowledge in an open access, shared, discoverable manner and appropriately deposited in recognized data repositories consistent with the IOC Oceanographic Data Exchange Policy or the relevant UN subordinate body data policy (Y/N)? Y

If yes, please provide a data management plan.

Each field trip will assign a cruise code (e.g., PGE2101).

After each cruise, the cruise summary report (CSR) and cruise report (CR) will be prepared according to Iranian National Center for Ocean Data (INCOD) (<http://incod.inio.ac.ir/index.html>) and submit there.

In-situ data (e.g., CTD profiles, sensors data, observations etc.) after quality check, will be submitted to INCOD according to its accepted formats and will be available on request.



**FOURTH SESSION OF THE GOVERNING BOARD OF UNESCO CATEGORY 2 REGIONAL
EDUCATION AND RESEARCH CENTRE ON OCEANOGRAPHY FOR WEST ASIA (RCOWA)**

(12:00- 14:00 Tehran Time, 12 January 2021, Online)

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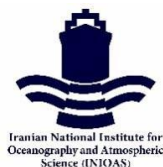
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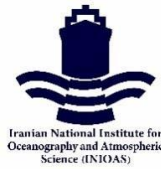
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