



The Regional Organization for the Conservation
of the Environment of the Red Sea and Gulf of Aden

PERSGA Training & Capacity Building Program 2017



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The Regional Intergovernmental Organization for the
Conservation of the Environment of the Red sea & Gulf of Aden



الهيئة الإقليمية للمحافظة على بيئة البحر الأحمر وخليج عدن

دليل البرنامج التدريبي ورفع القدرات الإقليمية للعام 2017

The Regional Organization for the
Conservation of the Environment of the
Red Sea and Gulf of Aden

PERSGA Training & Capacity Building Program 2017

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The Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden

"PERSGA" is an intergovernmental organization dedicated to the conservation of the coastal and marine environments in the Region.

PERSGA's legal basis stems from Article XVI of the Regional Convention for the Conservation of the Red Sea and Gulf of Aden, known as the Jeddah Convention, signed in 1982: "A Regional Organization for the Conservation of the Red Sea and Gulf of Aden Environment, the permanent headquarters of which shall be located in Jeddah, Saudi Arabia, is hereby established". It was not until September 1995, however, with the signing of the Cairo Declaration during the First Council Meeting in Egypt, that PERSGA's creation was formally announced. Falling under the umbrella of the Arab League, PERSGA has since become recognized as one of the leading marine conservation organizations operating in the Red Sea and Gulf of Aden region.

PERSGA Member States are Djibouti, Egypt, Jordan, Saudi Arabia, Somalia, Sudan and Yemen

Address:

PERSGA. P.O. Box 53662 Jeddah 21583, Kingdom of Saudi Arabia

Tel.: +966-12-6573224. Fax: +966-12-6521901. E-mail: information@persga.org

PERSGA Training Program 2017

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1 Program Objectives: Investing in Human Resources

Management of marine and coastal environments is a multidisciplinary task that requires technical, communication and consultation skills as well as strategic planning, risk management and information management capabilities. Therefore, capacity building of human resources is fundamental for a successful management of coastal and marine environments. Jeddah Convention 1982 and its Action Plan calls for the need to develop an integrated management approach to the use of the marine environment and the coastal areas and the development of principles and guidelines for coastal area development and management through workshops and seminars.

The implementation of PERSGA's training activities is aligned with the Jeddah Convention (1982), Article XIX (1-g)

- 1- The General Secretariat shall have the duties and powers necessary to achieve the purposes of this Convention and its protocols the action plan, decisions of the Council; in particular:*
- g- To organize and co-ordinate training programs in areas related to the implementation of this Convention, its protocols and the action plan.*

as well as the 1982 Action Plan, Part II, Article 19

19 - As part of the activities and programs for regional Cooperation mentioned in paragraphs 17 and 18, an extensive training program should be developed for personnel from the Region. Such program may be executed through training at existing national, regional or international institutions ready to offer their facilities.

Chief among its activities, capacity building is a cross cutting function of PERSGA. Capacity building activities of PERSGA programs are geared towards improving the performance of all stakeholders in the region, particularly PERSGA Focal Points, aiming at reaching the optimum goals as laid down in the Jeddah Convention (1982) in addition to its attached and subsequent Regional Action Plans and Regional Protocols.

2 Training courses and schedule

Broad-spectrum Training

PERSGA offers a number of multidisciplinary training workshops that intersects with all PERSGA programs and activities. Please see detailed fact sheets of workshops planned in 2017 shown in this manual as per the following provisional schedule in Table 1.

3 Application Process

This training program is specially designed and organized for applicants from PERSGA member countries with special qualifications for each training course. Nominations are made by PERSGA Focal Points. Nominations should include a recent CV. Adequately Qualified Nominees Only will be considered. PERSGA usually supports one or two participants per country in every workshop. Additional participants may apply through PERSGA Focal Points provided that they have adequate financial support to cover their participation.

Applications from outside PERSGA region may also be considered based on the applicant's own funding sources. Applications may be sent to PERSGA directly.

a. **Participants from PERSGA Countries (Red Sea and Gulf of Aden)**

- Submit to PERSGA through PERSGA Focal Points an application form, together with an updated CV and recent passport copy. Applications may be received by fax at: 00966 12 6521901 or e-mail at: information@persga.org by the submission deadline of each activity. Applications received after the deadline may not be considered;
- PERSGA will evaluate the applicant's qualifications and credentials and send an official acceptance to those who are qualified to participate in the training courses. PERSGA will also inform the Focal Points of the list of accepted applicants at their respective countries. The selection will be based on a special criteria designed for each course.

b. **Participants from non- PERSGA countries should:**

- Write to PERSGA Secretary General and indicate the training courses they are interested in
- Indicate the sponsoring agency or funding sources which will support the applicant's participation in the training course(s).
- PERSGA will evaluate the applicant's qualifications and credentials and send a response letter.

4 Logistics

PERSGA will send a logistic note to each participant prior to the workshop. However, in general PERSGA will assist the applicants in the following:

Visa

PERSGA will assist applicants in acquiring the appropriate visa required for their stay.

Travel

For participants covered by PERSGA, economy class travel ticket through the most direct route to the venue of the training will be provided.

Accommodation

PERSGA may assist in hotel reservations. Participants however need to confirm their reservations with hotels of their choice directly. Some hotels may ask for credit card to confirm booking. Participants should also pay their own hotel bills directly.

Insurance

PERSGA will not provide any insurance coverage. Participants are expected to arrange their own insurance without any related commitment by PERSGA.

5 Participation Cost

A nominal cost of training may apply as participation fees. The participation fee covers all training cost such as lectures, training materials, field visits and certain social activities if applicable. Personal expenses travel and accommodation are not included.

Funding Support

- a. PERSGA may provide funding to support qualified applicants from the region (one or two from each PERSGA Member States) who are officially nominated by PERSGA Focal Points. Funding will cover fees, hotel accommodation, round trip airfare and meals.
- b. For other accepted applicants from the region PERSGA may waive course fees only upon an application of fee waiver through PERSGA Focal Point; participants will still have to fund their travel and accommodation costs.
- c. Applicants from countries outside PERSGA region can also participate in the program provided they have their own funding support.

Per Diem Allowance:

Participants funded by PERSGA will be paid a lump sum allowance in accordance to PERSGA's Financial Rules and Regulations. This allowance is intended to cover accommodation costs, meals, gratuities and any other incidental expenses during the period of the training. No expenses other than this allowance are reimbursable.



Training Program 2017 Application Form

Title of training

Personal details

Mr. Ms. Name

Passport no. Validity

Organization

Country City

Position

Address

Telephone Mobile

Fax E-mail

Educational Qualifications

Years of Experience (since the last degree obtained)

Relevance of the training to your current work

Similar Training attended

Funding Source (if not supported by PERSGA)

Applicant Signature Date of submission

PERSGA Focal Point Signature

Date

Please Attach a Recent CV

Please visit our website (www.persga.org) regularly for updated information.

You may contact us at the following address:

PERSGA, P.O. Box 53662, Jeddah 21583, Saudi Arabia, **Tel:** 00966 12 6573224, **Fax:** 00966 12 6521901. **Email:** information@persga.org

7 Provisional Workshops Schedule

#	Workshop Title	Application Deadline	Workshop Date	Workshop Duration	Workshop Location
1	Regional Training Workshop on Ecosystembased Management of Sea Cucumber Fisheries in the Red Sea and Gulf of Aden	03/03/2017	03/04/2017	3 days	Jeddah, Saudi Arabia
2	Regional Workshop on Contingency Planning in the Red Sea and Gulf of Aden; Revision of the Regional Protocol on Exchange of Personnel and Equipment During a Spill Incident	10/03/2017	10/04/2017	3 days	Hurghada, Egypt
3	Regional Training Workshop on Economic Valuation of Environmental Resources in the Red Sea and Gulf of Aden	01/04/2017	01/05/2017	3 days	Jeddah, Saudi Arabia
4	National Training Workshop on Environmental Compensations through HNS, CLC and Fund Conventions	08/04/2017	08/05/2017	3 days	Cairo, Egypt
5	Regional Workshop on Reef Resilience and Responding to Climate Change in the Red Sea & Gulf of Aden	15/04/2017	15/05/2017	3 days	Hurghada, Egypt
6	Regional Workshop on "Guidelines for Ecosystem Approach, Management Living Marine Resources and Livelihood Options of Coastal Communities	17/06/2017	17/07/2017	4 days	Hurghada, Egypt
7	Regional Training Workshop on Ballast Water Management	11/08/2017	11/09/2017	3 days	Hurghada, Egypt
8	Regional Training Program for Marine Protected Areas Governance in PERSGA Region	09/09/2017	09/10/2017	4 days	Farasan, Saudi Arabia
9	Regional Training Workshop on MARPOL Annex VI	23/09/2017	23/10/2017	3 days	Jeddah, Saudi Arabia
10	Sub-regional Training Workshop on London Protocol	06/10/2017	06/11/2017	3 days	Republic of Djibouti
11	Regional Workshop on Climate Change Ecosystembased Response Solutions in Nationally Determined Contributions for the Red Sea and Gulf of Aden Region	06/10/2017	06/11/2017	4 days	Jeddah, Saudi Arabia
12	Regional Training Workshop on the Human Dimensions of Marine Protected Areas	20/10/2017	20/11/2017	3days	Jeddah, Saudi Arabia
13	Regional Workshop on Action Planning for Combating IUU fishing, Conservation of Sharks, Marine Turtles, Seabirds and Marine Mammals	04/11/2017	04/12/2017	3 days	Jeddah, Saudi Arabia
14	Regional Workshop on Translating the SEM Project Monitoring and Scientific Findings to Continued Management Policies	11/11/2017	11/12/2017	3 days	Jeddah, Saudi Arabia
15	Regional Training workshop on IUCN Red List Assessment in the Red Sea & Gulf of Aden	18/11/2017	18/12/2017	3 days	Jeddah, Saudi Arabia
16	National Training Workshops on Negotiation Skills for Multilateral Environmental Agreements, National All Countries	To be agreed on with the countries according to their preference			
17	National Training Workshops on Monitoring Results Dissemination and Translation to Management Policies	To be agreed on with the countries according to their preference			
18	National Training Workshops on Management of Marine Protected Areas	To be agreed on with the countries according to their preference			
19	National Training Workshops on Management of Livelihoods Subprojects	To be agreed on with the countries according to their preference			

If the application deadline happens to come in a weekend or a holiday, it automatically becomes the first working day after the holiday

Please note the deadline for application of each course in the schedule above. Applications submitted after closing date may not be considered

PERSGA Training Program 2017

Training Workshop Fact sheet

Ecosystembased Management of Sea Cucumber Fisheries in the Red Sea and Gulf of Aden

Organizer

Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA) in support of the Strategic Ecosystembased Management Project GEF funded and World Bank implemented.

Rationale

Most sea cucumbers are exported for the bêche-de-mer market and few species for the live trade (aquarium) market, which is currently underreported. There is also an emerging market for the use of sea cucumbers in the pharmaceutical, nutraceutical and cosmetic industries. The type of fishery varies by region and the species under exploitation.

According to a recent FAO report, sea cucumber stocks are under intense fishing pressure throughout the world. Most high value commercial species have been depleted. In a majority of countries reviewed and in the African and Indian Ocean regions, stocks are overfished. Likewise in the Asian Pacific region the most sought-after species are largely depleted.

Many additional threats have been identified for sea cucumber populations worldwide, including global warming, habitat destruction, unsustainable fishing practices (e.g. blasting), the development of fisheries with little or no information the species, and lack of natural recovery after overexploitation. Illegal, Unregulated and Unreported (IUU) fisheries are widespread in all regions, representing an indirect threat as it fuels unsustainable practices and socio-economic demand. The critical status of sea cucumber fisheries worldwide is compounded by different factors including i) the lack of financial and technical capacity to gather basic scientific information to support management plans, ii) weak surveillance and enforcement capacity, and iii) lack of political will and socio-economic pressure exerted by the communities that rely on this fishery as an important source of incomes.

Likewise, populations of the sea cucumbers in the PERSGA region are likely under assault due to overexploitation of sea cucumbers. These organisms are mainly fished to export to Asian countries for market purposes. Lack of information and IUU are factors affecting their populations. Another main factor contributing to the depletion of sea cucumbers is lack of national capacities on sea cucumber management in most PERSGA member countries. This workshop will contribute to conservation of marine biodiversity, thus responding to global initiatives for sea cucumbers conservation and in parallel to the PERSGA Protocol Concerning Conservation of Marine Biodiversity and Establishment of Marine Protected Areas Network (2005).

Objectives

The workshop aims at building capacity of national specialists from the region on sustainable management of sea cucumbers fisheries with the following main objectives:

- To raise awareness on effects of unsustainable fisheries of commercial sea cucumbers on the coastal and marine ecosystem.
- To share information on the sea cucumbers fisheries among member countries, and
- To understand sea cucumber fisheries management and conservation management options and practices for sea cucumber fisheries.
- To explore options of livelihood activities based on sea cucumber farming

Participants

Participants attending this training workshop should be community stakeholders as well as officials affiliated to coastal municipalities, coastal and marine institutes and/or local authorities and agencies working in the field of fisheries management.

Total expected number for this course is not to exceed 25 participants.

Language

Language of the workshop will be mainly English. However, summary translation into Arabic could be available.

Date and Duration and Location

Duration of the course is three working days starting on April 3rd 2017.

The workshop will be held at PERSGA Headquarters in Jeddah, Kingdom of Saudi Arabia

Training Materials, References and facilitators

The workshop will be facilitated by Dr. Zaher Al Agwan from PERSGA and an International Consultant. Details on the training material will be provided at a later stage.

PERSGA Training Program 2017

Workshop Fact Sheet

Regional Workshop on Contingency Planning in the Red Sea and Gulf of Aden; Revisit to the Regional Protocol on Exchange of Personnel and Equipment during a Spill Incident

Organizer

Regional Organization for Conservation of the Red Sea and Gulf of Aden / Emergency Mutual Aid in the Red Sea and Gulf of Aden PERSGA / EMARSGA (Hurghada-Egypt)

Rationale

The Regional Organization for Conservation of the Red Sea and Gulf of Aden PERSGA is keen through the center (EMARSGA), under the guidance of His Excellency the Secretary-General to unify the concept of the countries of the region to the work of national contingency plans to combat oil pollution. PERSGA provide technical support for the preparation of plans since the beginning of the mid-nineties. PERSGA continue its efforts in the development of those plans and updated whenever asked from countries. PERSGA team works hard, perseverance and dedication to give technical support to their countries. PERSGA continue to implement annual programs in this important component.

There are several risks to the marine environment and coastal areas in PERSGA region. The most important risks are reclamation, dredging, random construction problems; create berths for tourist boats, bridges, infringement on marine islands. Also, the negative effects on marine environment are from land wet, waste liquid and solid pollution, overfishing, hazardous waste, diving and marine sports, infringement on the campus of the beaches, breaking coral, infringement reserves, the resulting of oil and tourism projects, but the worst cases caused by tankers, oil rigs and ships transport chemicals.

PERSGA is keen to develop a mechanism for international and regional cooperation for the management of maritime disasters through the center in Hurghada city, to meet the requirements of its objectives and tasks. These objectives and tasks stipulated in the regional Protocol. The annual programs are continue in strengthening international and regional cooperation through the consolidation of relations and establishment of joint ventures to raise the capacity of countries in the region.

A regional protocol on the Technical Cooperation for Transfer of Personnel and Equipment during Contingency has been signed by PERSGA countries in 2009. Ratification of the Protocol is facing some challenges due to concerns on the difficulties involved in applying the Protocol, as it entails a complex process where customs, security, environment and other Administrations need to be involved. The workshop will revisit the Protocol and discuss possible implementations approaches

Objectives

The main objectives of the workshop include

- Browse EMARSGA strategy for management of marine emergency, during the preparedness, combating of pollution and recovery the ecological balance after the incident.
- Update maritime emergency communication system under the current situation of, National oil spill contingency plan and the role of EMARSGA in promoting regional cooperation to prepare the practical training on the emergency communicate between the countries of the region. PERSGA can prepare an imaginary yearly practical training to activate the communication system and information exchange.
- Revisit the Regional protocol on the Technical Cooperation for Transfer of Equipment and Personnel During Contingency for identifying possible implementation approach

Participants

Appropriate participants in this workshop include oil response officers, customs and coast security officers and private sector Oil Spill Response Centers.

Total number of participants in the workshop is expected not to exceed 25 persons.

Language

The workshop language will be a mix of Arabic and English, mainly Arabic.

Date and Venue

Duration of the workshop is three days starting April 10th 2017

It will be held at the Centre of Emergency Mutual Aid in the Red Sea and Gulf of Aden PERSGA / EMARSGA in Hurghada, Egypt

Training Materials, References and Facilitators

This main training material will include the Regional Protocol on Collaboration in Preparedness and Response to Oil Spills and other Hazardous Substances; and the Regional Protocol on Technical Cooperation for Exchange of Personnel and Equipment during Contingency.

The main facilitators are EMARSGA Director Dr. Mamdouh Meligy and Deputy Director Mr. Kahlan Abughanem who will coordinate with the Liaison Officers to have presentations from their countries provided by the relevant Administrations.

PERSGA Training Program 2017
Workshop Fact Sheet
**Regional Training Workshop on Economic Valuation of the Environmental Resources of
the Red Sea and Gulf of Aden**

Organizer

Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA) in support of the Strategic Ecosystembased Management Project GEF funded and World Bank implemented.

Rationale

The Red Sea and Gulf of Aden Region is famous for its unique and highly diverse ecosystem but it also provides key natural resources including food, medicines and other products. The coastal coral reef and mangrove ecosystems of the Red Sea and Gulf of Aden Region act as buffers to reduce damage from storms and they support climate change mitigation and adaptation efforts. In addition, The Red Sea and Gulf of Aden Region is known as one of the most important shipping routes linking Asia with Africa, Europe and the rest of the world. Moreover, maritime shipping became one of the most significant ways for transporting goods and passengers round the Globe.

Improper marine management results in an increase of negative impacts on the marine environment, its biodiversity and resources. The UN Environment Program estimates the cumulative economic impact of poor ocean management practices is at least US\$ 200 Billion per year. In the absence of mitigation measures, climate change will increase the cost of damage to the ocean by an additional US\$ 322 Billion per year by 2050. The lost economic benefits, worldwide, from the fisheries sector are estimated to be around US\$ 50 Billion annually.

The analytical economic valuation of the Red Sea and Gulf of Aden will serve as an indicator for assessing environmental sustainability. The United Nations Sustainable Development Goal # 14 calls to conserve and sustainably use the oceans, seas and marine resources for sustainable development. The target by 2030 is to increase the economic benefits to developing States and least developed countries from the sustainable use of marine resources, including through sustainable management of fisheries, aquaculture and tourism.

To address this issue for The Red Sea and Gulf of Aden Region, PERSGA will be organizing this Regional workshop that will advocate environmental resources analytical economic valuation.

Objectives

The main objective of the workshop is to come out with an economic evaluations guideline for the region that will help PERSGA Member States sustain better their valuable environmental resources.

This will also be an opportunity to identify further cooperation opportunities to protect and sustainably use the marine environment in the PERSGA region.

Participants

Most appropriate participants for this training workshop are senior-level government officers from key relevant national authorities of Environment, Finance and Planning as well as from other relevant stake holders

The expected number of participants in this course is not to exceed 25 persons.

Language

The language is mix of English and Arabic. Proficiency in written and spoken English is required.

Date Duration and Location

Duration of the meeting is three working days starting on May 1st 2017. It will take place at PERSGA Headquarters in Jeddah, Kingdom of Saudi Arabia.

Training Materials, References and Facilitators

The training materials will be provided by PERSGA. In addition, participants will be expected to provide a short presentation about the economic valuation of environmental resources in their countries. The workshop will be facilitated by Dr. Salim al Moghrabi and Mr. Bashar al Bataineh from PERSGA. An additional facilitator, consultant, may be identified later.

PERSGA Training Program 2017
Workshop Fact Sheet
National Training Workshop on Environmental Compensations
through HNS, CLC and Fund Conventions

Organizer

Regional Organization for the Conservation of Environment of the Red Sea and Gulf of Aden (PERSGA) in collaboration with the International Tanker Owners Pollution Federation Limited, (ITOPF), the International Oil Pollution Compensation Funds (IOPC Funds), International Group of P&I Clubs and the Ministry of State for Environmental Affairs/Egyptian Environmental Affairs Agency (EEAA)

Rationale

Compensation for damage caused by the carriage by sea of a hazardous and noxious substances (HNS) is regulated by the International Convention on Liability and Compensation for damage in connection with the carriage of Hazardous and Noxious Substances by Sea, 2010 (The 2010 HNS Convention). The 2010 HNS Convention covers any damage caused by HNS carried on board ships in the territory or territorial sea of a State Party to the convention, as well as pollution damage in the EEZ. However, it does not cover damage caused during the transport of HNS to or from a ship.

Under the 2010 HNS Convention, the ship owner is liable for the loss or damage up to a certain amount which is covered by insurance (1st tier). A compensation fund (the HNS fund) will provide additional compensation when the victims do not obtain full compensation from the ship owner or insurer (2nd tier).

To address this important element of the international pollution compensation regime, PERSGA will be organizing this workshop in collaboration with ITOPF, IOPC Funds, P&I Clubs and EEAA to enhance awareness in Egypt on the risks from, and liability on ships carrying Hazardous and Noxious substances (HNS). In addition, this workshop will try to pave the road toward accession of Egypt to the 2010 CLC, Funds Convention and HNS Convention.

Objectives

The main objectives of the workshop are

- Enhance awareness about the CLC, Funds Convention and HNS Convention;
- Identify from national representatives current status of transport and carriage of Oil and HNS within Egypt
- Discuss and agree on recommendations for appropriate training needs and capacity building for protection of the marine and coastal environment in Egypt from Oil and HNS

Participants

Most appropriate participants for this training workshop are government officers responsible for environmental safety and occupational health at ports and maritime customs. Also port state and flag state officers, ship owners, chemical operators and private insurance companies could strongly benefit from the workshop.

The total number for this course is not to exceed 30 participants.

Language

The language is mix of English and Arabic, but mainly English. Proficiency in English is required

Date, Duration and Location

Duration of the workshop is three working days starting on May 8th 2017.
It will be held in Cairo -Egypt.

Training Materials, References and Facilitators

Training material will include material relevant to the Conventions provided by their Administrations. The workshop will be facilitated by Dr. Salim Al-Moghrabi from PERSGA and Experts from ITOPF, IOPC Funds and P&I clubs to be identified later.

**PERSGA Training Program 2017
Workshop Fact Sheet**

**Regional Workshop on Coral Reef Resilience in the Red Sea & Gulf of Aden
in Responding to Climate Change Impacts**

Organizer

Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA) in support of the Strategic Ecosystembased Management Project GEF funded and World Bank implemented.

Rationale

Coral reefs cover just one-percent of the earth and that one-percent is at risk. Coral reefs around the world are under pressure from a variety of sources, increasingly threatening their functions and provision of ecosystem services on which hundreds of millions of people depend. Climate change is considered the greatest long-term threat to coral reefs, with global effect, and means are needed to manage and reduce negative impacts and enhance the prospects for adaptation of the ecosystem as well as dependent communities.

Climate change is a global phenomenon affecting every ecosystem in the world, and sensitive coral reef ecosystems are one of the first to experience strong consequent direct and indirect impacts. Coral reefs are affected physically, biological and ecologically due to climate change impacts, such as changes in water temperature, weather patterns and rainfall patterns. Change in reef ecosystems also affects social systems/communities that depend on reef resources for livelihood.

Resilience has been defined as “the ability of a system to undergo, absorb and respond to change and disturbance, while maintaining its functions and controls”. This ability depends on a number of factors, both ecological and physical. The implications for coral reef management are that this can help identify areas that recover quickly from bleaching events and other stresses. It also helps identify locations of resistant coral communities, which provide vital refugia that can re-seed degraded areas, as well as other critical areas such as fish spawning aggregations. Protection of these areas is the underlying principle of the reef resilience approach.

Resilience principles are emerging as an important paradigm for understanding and managing complex ecosystems and the interactions between these ecosystems and the human societies that depend on them. The increasing threats associated with climate change as well as other large-scale perturbations and increased population pressures are driving an urgent need to accelerate developments in resilience science and its incorporation into realistic and meaningful management strategies. This need is particularly critical for coral reef ecosystems, which are both highly vulnerable to climate change and also vital to the welfare of large human populations throughout the tropical world.

PERSGA has developed and launched a regional strategy and program for adaptations to the impacts of Climate Change (CC) since 2008. The strategy focuses on capacity building, support vulnerability assessments, public awareness, strengthening the climate change observation system, and support implementing on-the-ground and ecosystem-based adaptations. Several training workshops have been organized within the framework of implementing the PERSGA CC strategy focusing on various themes such as coastal vulnerability assessment, regional climate variability, CC induced risk assessment, adaptation projects development and planning, and coastal ecosystem based adaptations. The current workshop will address regional capacities related to improve understanding of reef managers throughout PERSGA region on how to locally apply science to boost reef resilience through more tailored management strategies.

Objective

The objectives of the workshop are:

- To provide coral reef (MPAs) managers and other stakeholders with a learning opportunity to better understand coral reef resilience and the tools available to them
- To facilitate the incorporation of resilience into coral reef management and planning
- To provide managers with innovative approaches and tools that lead to practical solutions for coral reef management in the face of global change
- To initiate a draft Bleaching Response Plan for PERSGA member states during the year 2017.
- To facilitate exchange between PERSGA coral reef managers and other concerned stakeholders

Participants

The workshop is suitable to be attended mainly by MPAs coral reef managers and other stakeholders such as conservation practitioners and scientists from the PERSGA Region.

Language

The training language is mixed English and Arabic

Date, Duration and Location

Duration of the workshop is three working days starting on May 15th 2017.

It will be held at EMRSGA in Hurghada, Egypt

Training Materials, References and Facilitators

Training material will include references, protocols and guidelines. The workshop will be facilitated by Dr. Maher Amer from PERSGA and a consultant to be identified later

PERSGA Training Program 2017
Workshop Fact Sheet
Regional Workshop on Guidelines for Ecosystem Approach, Management Living Marine Resources and livelihood Options of Coastal Communities

Organizers

Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA) in support of the Strategic Ecosystembased Management Project GEF funded and World Bank implemented.

Rationale

The project “strategic ecosystem management of the Red Sea and Gulf of Aden” (SEM project) is a GEF supported regional project executed by the PERSGA and implemented by the World Bank. The project focuses on supporting on-the-ground activities and capacities so as to facilitate transition from conventional management practices to ecosystem-based management, demonstrating the added value through policy reform and participatory demo activities in the Red Sea and Gulf of Aden region.

Component (2) of SEM project focuses on sustainable mangement of living marine resources, seeking to support institutional and technical capacity to use and protect living marine resources and increase net benefits derived from the resources in a sustainable manner. The training of community and user group is designed orient to understand trade-offs associated with development and the costs and benefits to the community, and to participate in and benefit from applying ecosystem based management. The selected coastal communities at pilot sites are also receiving support to identify and develop sub-projects for alternative livelihood options to reduce pressure on the resources and improve benefits to the community members.

The present regional workshop falls under implementation of component (2) of the SEM project. The sustainability of the community driven process, and the livelihoods supporting subprojects will require adequate capacities to apply principles of Ecosystem Approach and Co-management in management of living marine resources (LMR) and in identification and development of sustainable livelihood options that rely on these resources. The workshop will also link LMR sustainable management and improving livelihood options reliant on these resources with the MPA management plan, being developed by components (1) of the project.

PERSGA has contracted a consultant to assist with developing a regional manual to provide guidelines for “ecosystem approach, management of living marine resources and livelihood options for coastal communities” in the framework of the project focus and objectives. An initial workshop reviewed and discussed initial draft of the manual, whereby a revised structure of the training modules and contents of the manual were prepared. The regional consultant then worked to develop a comprehensive manual draft, which will be used as a resource material for this workshop and accustomed to be used in national workshops for training purposes.

Objectives

As the second workshop to test and finalize the regional training manual on ecosystem approach, management of living marine resources and livelihood options for coastal communities, the workshop aims at:

- Familiarize participants with the regional training manual and guidelines, and prepared to carry out training courses/ workshops at national level based on the guidelines provided.
- Provide the participants with necessary background knowledge to consider relevant literature and materials, such as EBM and fishery co-management principles and

requirements to be considered in national capacity building, awareness and protocols for selection and implementation of livelihood supporting programs and projects

- Discuss gaps and consult participants' views/ remarks to be considered in the final draft.

Participants

Participants in this workshop will be specialists and stakeholders related to management of living marine resources, MPAs and livelihood of coastal communities

Total number of participants for this workshop is not to exceed 25 persons

Language

The training language will be a mix of Arabic and English

Date, Duration and Location

The duration of the course is 4 working days starting on July 7th 2017

It will be held at EMARSGA in Hurghada, Egypt

Training Material, References and Facilitators

The main material is a manual prepared in English and Arabic by a regional consultant. The resource team for the workshop includes Dr. Ahmad Khalil from PERSGA, Dr. Mohammad Al Zibdah as a regional consultant and experts from PERSGA technical staff.

**PERSGA Training Program 2017
Workshop Fact Sheet
Regional Workshop on Ballast Water Management**

Organizer

Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden PERSGA in collaboration with the International Maritime Organization IMO.

Rationale

In light of the entry into force of the BWM Convention in September 2017 and the closure of the GloBallast Project, PERSGA in collaboration with the IMO will organize a Regional on Ballast Water Management Convention. The Arab Republic of Egypt and the Hashemite Kingdom of Jordan are the only Two PERSGA Member States that ratified the convention until the end of 2016. The Regional Workshop aims to provide a refresher course on the process to implement and enforce the BWM Convention and the opportunity to update the Regional Strategy and revisit the roadmap towards implementation, including raising awareness for various stakeholders on risk assessment of ports and the organizing of training on sampling and analysis of ballast water.

Objectives of the meetings

The main objectives of the workshops are to:

- Inform participants about the process to implement and enforce the BWM Convention;
- Enhance PERSGA Member States application of the Regional Ballast Water Management; Strategy
- Raising awareness about risk assessment and Port Baseline Biological Surveys (PBBS); and
- Update the participants about any modification on the Convention and its Guidelines.

Participants

The most suitable participants for this workshop are Flag State and Port States officers as well as government officials from different ministries responsible for conservation of the coastal environment, particularly in ports.

The total expected number for this course is not to exceed 25 participants.

Language

The training language is mixed English and Arabic.

Date, Duration and Location

Duration of the course is three working days starting on September 11th 2017.

It will be held at EMARSGA in Hurghada-Egypt.

Training Materials References and Facilitators

The workshop will be facilitated by Dr. Salim Al-Moghrabi from PERSGA and Mr. Markus Helavuori from IMO. Other facilitators will be identified later. References and training material will be selected IMO publications on Ballast Water Management

**PERSGA Training Program 2017
Workshop Fact Sheet**

Regional Training Program for Marine Protected Areas Governance in PERSGA Region

Organizer

Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA) in support of the Strategic Ecosystembased Management Project GEF funded and World Bank implemented.

Rationale

PERSGA has established a network of MPAs in the region. However, current status of these MPAs is still not clear, to some extent. Understanding such status and progress on enforcement of the MPAs could lead to promoting regional networking and proposing activities for the operational program run by PERSGA. Coastal and marine ecosystems around the Red Sea and Gulf of Aden are under severe pressure due to unsustainable use of resources, pollution and habitat destruction. MPAs are one coastal resource management tool being employed to attempt to reduce the severity of these pressures.

Marine Protected Areas (MPAs), areas of sea dedicated to the protection and maintenance of biodiversity and of natural and associated cultural resources, are often areas of extraordinary natural beauty. They may contain unique geological, biological or physical features, may have high levels of biodiversity, and may be enhanced by rich cultural settings. Because MPAs are attractions for all of these reasons, they are increasingly drawing attention from tourists. With this increase in tourism activities and associated impacts, however, MPAs must be careful to develop integrated and preemptive planning for sustainable tourism into their management strategies in order to continue to effectively protect and manage the marine systems of each site. Well-designed sustainable tourism can provide alternate sources of income to communities and promotes conservation of the very resources which MPAs seek to protect.

MPAs can provide its benefits for nature and people if they can be managed effectively, and the key to that is to have highly qualified, competent, and motivated people managing these MPAs. Managing resources is basically governing people. So if we are going to continue pursuing the effective management of PERSGA MPA Network there is no other way than keep strengthening the efforts and partnership in the human resources development in that particular areas. This partnership effort is really a great milestone in itself particularly in bringing new perspective on how managing MPA through good governance practices to optimize benefits to fisheries and to safeguard the livelihoods of adjacent communities and beyond. So, we recognize that training of MPAs managers is the key to ensuring that a corps of skilled persons is available for the management of MPAs.

Objectives

- To enhance knowledge, skills, networking and solution-focused learning for MPA managers and associated partners, empowering them to address the challenges in managing MPAs
- To explore progress on MPA establishment and assess and learn from structures, processes and traditions that lead to good MPA governance
- To identify existing gaps in capacity building needs for equitable MPA governance and effective implementation, and develop associated recommendations for addressing these gaps moving forward.
- Lessons learned and experiences shared amongst PERSGA-MPAs network members.

Participants

Participants should be affiliated to PERSGA MPAs-Network managers and rangers and other stakeholders. The total number of participants should not exceed 25 participants.

Language

The training language will be mainly Arabic

Date, Duration and Location

Duration of the program is four working days starting on October 10th 2017.

It will be held in at Jizan & Farasan Island Protected Area – Saudi Arabia.

Training Material, References and Facilitators

The workshop will be facilitated by Dr. Maher Amer and Dr. Zaher Al Agwan from PERSGA. Training material and references will be identified later,

PERSGA Training Program 2017
Workshop Fact Sheet
Regional Workshop on MARPOL Annex VI

Organizer

Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden PERSGA in collaboration with the International Maritime Organization IMO.

Rationale

PERSGA in collaboration with the IMO will organize a Regional on MARPOL Annex VI, which controls a range of different pollutant streams together with certain aspects related to ship operation which can themselves result in air pollution affecting areas a considerable distance from the point of discharge and therefore remote from the sea.

The controls within Annex VI Cover:

- Ozone-depleting substances released from refrigeration and fire-fighting systems and equipment;
- Nitrogen Oxides from diesel engine combustion;
- Sulfur oxides and particulate matter emissions from the combustion of fuel oils;
- Volatile organic compounds;
- Shipboard incineration;
- Fuel oil quality; and
- Energy Efficiency for ships.

The workshop will utilize information and course materials prepared under the GloMEEP Project as well as recent amendments to MARPOL Annex VI.

Objectives of the Workshop

The main objectives of the workshops are to:

- Provide basic knowledge and skills to PERSGA Member States, pertaining to the process to ratify and implement MARPOL Annex VI.
- Share the experience of the two PERSGA member states that ratified already MARPOL Annex VI, Jordan and Saudi Arabia and discuss implementation requirements.
- Assess the gaps and needs within PERSGA Member States toward the ratification and effective implementation of MARPOL Annex VI.

Participants

The most suitable participants for this workshop are government officials from different ministries responsible for conservation of the environment and human health as well as specialists of other stakeholders such as the oil, chemicals, shipping industry and NGOs dealing with the environment. The total expected number for this course is not to exceed 25 participants.

Language

The training language is mixed English and Arabic.

Date, Duration and Location

Duration of the course is three working days starting October 23rd 2017.

It will be held at PERSGA Headquarter in Jeddah-Kingdom of Saudi Arabia

Training Materials, References and Facilitators

This workshop will utilize information and course materials prepared under the GloMEEP Project as well as recent amendments to MARPOL Annex VI.

The workshop will be facilitated by Dr. Salim Al-Moghrabi from PERSGA and Mr. James Paw from IMO. Other facilitators will be identified later.

PERSGA Training Program 2017
Workshop Fact Sheet
Semi-regional Workshop on London Protocol (LP)

Organizer

Regional Organization for the Conservation of Environment of the Red Sea and Gulf of Aden in collaboration with the International Maritime Organization (IMO).

Rationale

The Red Sea and Gulf of Aden Region is famous for its unique and highly diverse ecosystem. In addition, it is known as one of the most important shipping routes linking Asia with Africa, Europe and the rest of the world. Moreover, maritime shipping became one of the most significant ways for transporting goods and passengers round the Globe. However, associated with this high shipping movement there is an increase of negative impacts on the marine environment, its biodiversity and resources. The Republic of Djibouti and the Federal Republic of Somalia are actually witnessing acceleration in the construction of various ports in order boost their economy. The Gulf of Aden is thus, constantly under threats by various sources of pollution.

The “Convention on the prevention of Marine pollution by dumping of wastes and other matter 1972” known as the “London Convention” for short, is one of the first global conventions to protect the marine environment from human activities and has been in force since 1975. In 1996, the “London Protocol” (LP) was agreed to modernize the Convention and, eventually, replace it. The London Protocol entered into force on 24 March 2006. Under the Protocol all dumping (industrial, radioactive, as well as for incineration at sea of industrial waste and sewage) is now prohibited, except for the so-called “reverse list”.

During the past two years PERSGA and the IMO have conducted one regional workshop in Jeddah and one national workshop in Jordan about the London Protocol, that led to the official expression of Jordan to ratify the protocol soon (hoping before the end of 2017).

By conducting this semi-regional workshop PERSGA and the IMO aim to provide better understanding about the London Protocol and its Guidelines to the administration in the Republic of Djibouti and Federal Republic of Somalia aiming that both countries will ratify the protocol and implement it as it should be.

Objectives

The main objective of the workshop is to sensitize relevant authorities in the Republic of Djibouti and Federal Republic of Somalia to the implications of ratifying, implementing and enforcing the London Protocol; a special emphasis will be placed on the protection of ports and marine environment. There will also be opportunities to identify future cooperation when protecting the marine environment in the PERSGA region.

This semi-regional workshop conducted by PERSGA and the IMO in the Republic of Djibouti is also part of the efforts to increase the membership to the London Protocol in the region, thus maximizing the benefits that can be derived from full implementation of this instrument.

Participants

Most appropriate participants for this training workshop are senior-level government officers from key relevant authorities such as the Maritime Administration, having overall responsibility for IMO conventions, and the Ministry of Environment, including those responsible for the prevention and control of pollution from dumping of wastes at sea.

The total expected number for this course is not to exceed 25 participants.

Language

The language is mix of English and Arabic. Proficiency in written and spoken English is required for this workshop.

Date Duration and Location

The duration of the meeting is three working days starting on November 6th 2017

It will be held in Djibouti-the Republic of Djibouti.

Training Materials, References and facilitators

Training materials will be provided by the IMO. In addition, participants will be expected to provide a short case study on current arrangement of dumping at sea and other relevant marine environmental issues in their countries.

The workshop will be facilitated by Dr. Salim Al-Moghrabi from PERSGA, Mr. Fredrik Haag from IMO and an international consultant that will be identified later.

PERSGA Training Program 2017

Workshop Fact Sheet

Regional Workshop on Ecosystem Approach in Nationally Determined Contributions (NDCs) for Climate Actions in the Red Sea and Gulf of Aden

Organizer

Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA) with potential collaboration with ISESCO

Rationale

Countries across the globe adopted the Paris Agreement at the U.N. Framework Convention on Climate Change (UNFCCC) Conference of the Parties (COP21) in Paris in December 2015. Prior to this agreement, countries have outlined the future climate actions they intended to take under the new international agreement, known as "Intended Nationally Determined Contributions (INDCs)". The word "intended" was used because countries were communicating proposed climate actions ahead of the Paris Agreement being finalized. Later on, as countries formally join the Paris Agreement and look forward to implementation of these climate actions – the "intended" is dropped and the INDCs is converted into a Nationally Determined Contributions (NDCs).

NDCs should have concrete strategies for climate change mitigation and adaptation. With the Paris Agreement having entered into force in November 2016, the NDCs will guide country-level climate action for the coming years. Coastal and marine ecosystems play a pivotal role in accomplishing the NDCs objectives of addressing climate adaptations and mitigation in the future, as emphasized by many proposed NDCs. Outlining adaptation priorities and/ or mitigation actions, many countries refer to the potential of coastal and marine ecosystems to providing adaptation-mitigation synergies, as well as socio-economic and environmental co-benefits. For example coral reefs related services such as fisheries and tourism support millions of people. Many others are reliant on reefs for coastal protection, fisheries and tourism. Building resilience of coral reefs will reduce threats to food security, harm fishing industries, and the risk of inundation and erosion in low-lying areas by strengthening natural shoreline protection. In terms of mitigation co-benefits, the coral reefs also protect mangroves and sea-grass, which are in turn major blue carbon ecosystems that deserve protection and enhancement for mitigation of Climate Change, in addition to their roles in controlling coastal erosion, supporting fisheries, alleviating pollutants and underpinning livelihoods of coastal populations.

PERSGA runs a multilinked programs and activities in cooperation with the member states and other relevant partners to achieve its mission. Capacity building is an essential component of PERSGA activities, as it facilitates execution of PERSGA projects and promotes capacities in PERSGA countries to implement Jeddah Convention and its attached and consequent protocols. PERSGA has developed and launched a regional strategy and program for adaptations to the impacts of Climate Change (CC) since 2008. The strategy focuses on capacity building, support vulnerability assessments, public awareness, strengthening the climate change observation system, and support implementing ecosystem-based adaptations. Several regional capacity building workshops have been organized within the framework of implementing the PERSGA CC strategy focusing on various themes such as coastal vulnerability assessment, regional climate variability, CC induced risk assessment, adaptation projects development and planning, and coastal ecosystem based adaptations.

The current workshop will be organized by PERSGA in collaboration with its member states to address Ecosystem Approach in Nationally Determined Contributions (NDCs) for Climate Actions in the Red Sea and Gulf of Aden Region. It aims at building capacities and set regional collaboration

to realize and implement concrete ecosystem based adaptation and mitigation actions in the framework of NDCs policy planning and implementation in the Red Sea and Gulf of Aden region.

Objectives

As a pilot workshop on coastal and marine related NDCs in the region, the main objective of the workshop is to support building capacities and regional cooperation in planning and implementing of NDCs actions related to coastal and marine ecosystem in the Red Sea and Gulf of Aden. The specific objectives of the workshop include:

- Provide guidelines for regional approach and planning for building resilience of key coastal and marine ecosystems for climate actions, such as coral reefs, mangroves and sea-grass beds of the region.
- Understand the concept for coastal ecosystem approach and integration of its applicable solutions in NDCs in the region.
- Identify and discuss issues approaching regional initiative addressing NDCs relevant to coastal and marine ecosystem and joining regional efforts in the Red Sea and Gulf of Aden.

Participants

Appropriate Participants in this workshop are officials, specialties and stakeholders related to coastal and marine environment and climate change actions from PERSGA member states.

Total expected numbers of participants shall not to exceed 25 persons

Language

Language of the workshop will be a mix of English and Arabic.

Date and venue

Duration of the workshop is three days starting on November 6th 2017

It will be held at PERSGA Headquarters in Jeddah, Kingdom of Saudi Arabia

Workshop Material, References and Facilitators

The workshop will be facilitated by Dr. Ahmed Khalil from PERSGA and another consultant to be identified later. Training material and references will also be identified later.

PERSGA Training Program 2017
Training Workshop Fact sheet
Human Dimensions of Marine Protected Areas

Organizer

Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA) in support of the Strategic Ecosystembased Management Project GEF funded and World Bank implemented.

Rationale

Human dimensions-social, economic, cultural and institutional aspects- should be considered equally with biological and ecological issues when planning, implementing, and managing MPAs. These dimensions can influence the performance of MPAs because they are critical to the acceptance and ultimate success of MPAs: success. Recent research and policy discussion of MPAs are increasingly focused on social, economic, cultural, and institutional considerations- seeking a balance with the equally crucial knowledge required of biophysical and ecological aspects. Efforts to address the human dimensions include those on MPA governance on socio-cultural aspects and on socio-economic studies. Such work on MPAs is also linked to the human dimensions relevant more broadly to ocean management, as in applications of the ecosystem approach.

It is crucial that policy makers, conservation planners, MPA managers, marine scientists and officials from relevant authorities recognize that human dimensions need to be considered, understood and addressed in the process of MPA planning and management in order to mitigate negative impacts and enhance benefits from conservation areas. It is important to note that these dimensions associated with MPAs are often interlinked. For example, the level of poverty in a community may be related to management decisions (e.g. expansion of no-take zones). Furthermore, the costs and benefits that result from MPA management and decision-making could affect different stakeholders differently. Some community members may lose but others could gain benefits from MPAs. For example, dependence on marine resources for food and livelihood may be linked to a community or individual's sense of identity and cultural heritage, and loss of access will have social, economic and cultural consequences. An association with key political players in a community may provide advantages when seeking to develop alternative livelihood opportunities (e.g. tourism enterprises) or engage in trade (e.g. certain buyers favored over others through political patronage). Therefore, it is important for planners, managers and decision-makers to be aware of the complex nature of these MPA human-ecological systems and consequently adopt a holistic and integrated approach that balances ecological goals with human considerations. Otherwise, managers could fail in meeting conservation objectives of MPAs.

This workshop contributes to conservation of marine resources and management of MPAs in the region, thus in parallel to the PERSGA Protocol Concerning Conservation of Marine Biodiversity and Establishment of Marine Protected Areas Network (2005).

Objectives

The workshop aims at building capacity of national specialists from the region on incorporation of human dimensions into planning, implementing, and managing MPAs and supporting national programs in implementing the Jeddah Convention in general, and the concerned Regional Protocol in particular. The main objectives of the workshop are to:

- provide background information on different human dimensions of MPAs and improve understanding of the key human dimensions to be considered when planning and managing different MPAs, including coral reef MPAs, leading to increase performance of these areas.
- raise awareness on the importance and effects of human dimensions in planning, implementing and managing MPAs.

- share information between participants on integrating of human dimensions into management of MPAs in the region.

Participants

Appropriate participants for this training workshop are specialists affiliated to marine and coastal Administrations, coastal and marine institutes, local communities and other stakeholders concerned with MPAs management.

The total expected number of participants for the workshop is not to exceed 25 persons.

Language

The workshop will be presented in a mix of English and Arabic languages.

Date and Venue

Duration of the course is three working days starting on November 20th 2017.

It will be held at PERSGA Headquarters in Jeddah, Kingdom of Saudi Arabia

Training Materials, References and Facilitators

The workshop will be facilitated by Dr. Zaher Al-Agwan from PERSGA and another consultant to be identified later

PERSGA Training Program 2017

Workshop Fact sheet

Regional Workshop on Action Planning for IUU Fishing and Conservation of Sharks, Marine Turtles, Seabirds and Marine Mammals in the Red Sea and Gulf of Aden

Organizer

Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden – PERSGA, in collaboration with the Islamic Educational, Scientific and Cultural Organization

Rationale

Since its establishment by the Strategic Action Program in 1999, PERSGA Regional Living Marine Resources (LMR) program has been undertaking a multitude of program activities that support capacity building and regional cooperation for sustainable management of living marine resources and fisheries. These entail conducting regular training workshops on various aspects of fisheries management, implementing on-the-ground demo projects for sustainable and responsible fishery practices, improvement of fishery data collection and assessment systems, adoption of ecosystem based fisheries and environmentally friendly aquaculture approaches, etc.

Coinciding with its mission and relevance to a number of international agreements and initiatives (e.g. Code of Conduct for Responsible Fisheries CCRF; Plan for deterring Illegal, Unregulated and Unreported Fisheries IUUF, Plans for protection of Sharks, Seabirds and Marine Turtles, etc.), PERSGA LMR is striving to facilitate implement such initiatives in PERSGA region. This is achievable through the LMR program strategy and operational plan, as it allows addressing essential requirements in this concern, such as building capacities to ensure that the bodies responsible for management are able to implement such initiatives effectively; and facilitating regional cooperation to reinforce coordinated management actions and measures in the regionally shared water body and co-management of trans-boundary stocks.

PERSGA has recently enhanced its regional efforts to review policies and legislation to support sustainable fisheries management and strengthen the regional mechanism for cooperation and coordination. These efforts culminated in the development of a new “Regional Protocol for Cooperation in Management of Fisheries and Aquaculture in the Red Sea and Gulf of Aden” in 2016. The new protocol, which includes 24 articles addressing various aspects of sustainable management of fisheries and aquaculture, has also explicitly emphasized the commitment of the member states to cooperate in developing and implementing regional and national plans for combating IUU fishing, conservation of sharks, marine turtles, seabirds and marine mammals in Article (11) and (12) of the Protocol. The current workshop will be organized to strengthen capacities, and facilitate and support joined regional work for preparation and implementation of these plans.

Objectives

The workshop objectives include building capacities and discussion of mechanisms and tools for regional planning, cooperation and coordination in combating IUUF, conservation of sharks, marine turtles, seabirds and marine mammals in PERSGA region. The workshop will also discuss and set a mechanism and road map for preparation of subject specific regional action plans (RAPs).

Participants

Participants in this workshop will be officers, managers and practitioners from national institutions in charge of marine fisheries and other administrations in charge of coastal marine resources protection. The total expected number for this course is not to exceed 25 participants.

Language

The training language is English. Arabic will be used as an assisting medium where needed.

Duration and Venue

Duration of the course is three working days starting on December 4th 2017

It will be held at PERSGA Headquarters in Jeddah, Kingdom of Saudi Arabia

Training Material, References and Facilitators

The workshop will be facilitated by Dr. Ahmad Khalil from PERSGA. Additional facilitators will be identified later. Training material and references will also be identified later.

PERSGA Training Program 2017
Workshop Fact Sheet
Regional Workshop on Translating the SEM Project Monitoring and Scientific Findings to Continued Management Policies

Organizer

Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA) in support of the Strategic Ecosystembased Management Project GEF funded and World Bank implemented.

Rationale

The present workshop will be carried out under Component 3 of the SEM Project. Activities in this component has so far included contracting National Consultants and an International Consultant for reviewing monitoring and survey methods, identification of monitoring needs and capabilities in the countries, organising Regional and National workshops for capacity building for conducting monitoring, conducting actual monitoring at all the participating countries and organizing Regional and National workshops for exchange of monitoring results and discussing data sharing approach.

In a number of these events monitoring results have been discussed as a tool for management. Actual decisions in some countries have been taken based on the monitoring results. A National workshop held in Port Sudan in October 2016 for enlightening decision makers of the first year environmental and socioeconomic monitoring results demonstrated the importance of getting decision makers directly involved in discussing these results, which facilitates translating them to management policies and practices. About 40 participants representing various authorities, agencies and organizations concerned with conservation of the coastal and marine environment including a large number of decision makers and beneficiaries from the local community were present in the workshop. The workshop ended with important recommendations for sustaining monitoring and utilizing its results in dealing with pressing environmental issues such as pollution control, land use and special planning as well as protected areas and fisheries management

To this effect this regional workshop is included in PERSGA Training Program to join monitoring specialists, scientists, decision makers and beneficiaries in one venue to discuss monitoring results and come out with appropriate recommendations concerning continuing monitoring activities beyond the SEM Project and mainstreaming monitoring results for prevention of adverse effects on the coastal and marine environment and help solving such problems in case the happen.

Objectives

The workshop will provide an ideal platform for exchanging of experience and lessons learn through conducting actual environmental and socioeconomic monitoring and mainstreaming these activities for achieving cost effective monitoring of which policies and management practices are made. It will have the following objectives:

- discuss finding in national monitoring activities and identify common benefits of the environmental and socioeconomic monitoring for management purposes in PERSGA Region
- discussing lessons learnt and identify difficulties facing actual monitoring to reach a common a approach for a continued effective regional monitoring program after the SEM Project is over
- Produce a science to policy brief based on monitoring results to provide guidance for inclusion of monitoring results in policies and set basis for continued revision of monitoring activities to meet the changing requirements in coastal and marine resources management

Participants

Participants in this training workshop will include decision makers, such as governors, heads of municipalities, heads of Administrations concerned with coastal and marine resources; heads of monitoring teams and scientists involved in environmental and socioeconomic monitoring.

The total expected number of participants in this workshop is not to exceed 25 persons.

Language

The workshop language will be a mixed English and Arabic, mainly Arabic

Date, Duration and Location

Duration of the course is three working days starting on December 11th 2017

It will be conducted at PERSGA Headquarters in Jeddah, Kingdom of Saudi Arabia

Training Materials, References and Facilitators

Training material will mainly monitoring reports prepared by the National Monitoring Teams and Monitoring Database developed by the SEM Project

Discussions in the workshop will be facilitated by the SEM Dr. Mohammad Badran and Mr. Bashar al Bataineh. Another facilitator a consultant may be identified later. Monitoring Team Leaders will be presenting their Team's findings.

Organizer

Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA) in support of the Strategic Ecosystembased Management Project GEF funded and World Bank implemented.

Rational

The IUCN Red List is the world's most comprehensive information source on the global conservation status of animal, fungi and plant species and their links to livelihoods. Far more than a list of species and their status, it is a powerful tool to inform and catalyze action for biodiversity conservation and policy change - critical to protecting the natural resources we need to survive.

The IUCN Red List of Threatened Species is important because it allows us to evaluate the risk of extinction for any given species, providing open-source data that can be used for research, funding, and conservation prioritization. For each assessed species, The IUCN Red List provides information on population size and trends; geographic range and habitat needs. To date more than 76,000 species have been assessed with more than 22,000 at risk of extinction.

Comprehensive assessments have been completed for many species groups including mammals, amphibians, birds, reef-building corals and conifers. However, there is much more to be done and increased investment is needed urgently to build The IUCN Red List into a more complete 'Barometer of Life'.

This training workshop is therefore seen as a first step towards building PERSGA's capacity to undertake its own regional Red List assessments of species, using the latest, globally accepted and best methodologies. The IUCN Red List of Threatened Species is recognized as the most comprehensive and authoritative information base on the status of species world-wide. The duration and content of the workshop mainly concerned on to learn about preparing regional or national Red List assessments, a four day workshop typically covers the following topics:

- Introduction to IUCN and the IUCN Red List
- Terms used in the IUCN Red List Criteria and their definitions
- Data quality and uncertainty
- IUCN Red List Categories
- IUCN Red List Criteria
- Assessing the global Red List status of species for publication on the IUCN Red List
- Assessing the status of species within a specific area for publication in regional or national Red Lists
- Supporting information requirements for IUCN Red List assessments
- Mapping standards for IUCN Red List assessments
- Red List data storage and management: the IUCN Species Information Service (SIS)

Objectives

- understanding the Red List assessment process
- to prepare high-quality assessments using the IUCN Red List Categories and Criteria
- to prepare high-quality assessments for publication on the IUCN Red List
- to understand how to prepare high-quality extinction risk assessments using the IUCN Red List methodology.
- to build IUCN's capacity as a leader in biodiversity knowledge and training

Participants

Participants in this training workshop will be specialties in charge of national biodiversity assessment, monitoring, research related to marine biodiversity.

The total expected number of participants in this workshop is not to exceed 25 persons.

Language

The training language is mixed English and Arabic

Date, Duration and Location

Duration of the workshop is four working days starting on December 18th 2017

It will be held at PERSGA Headquarters in Jeddah, Kingdom of Saudi Arabia

Training Materials, References and Facilitators

The workshop will be facilitated by Dr. Dr. Maher A. Amer, from PERSGA and another consultant to be identified later. Training material and references will also be identified later.

**PERSGA Training Program 2017
Workshop Fact Sheet**

National Training Workshops on Negotiation Skills for Multilateral Environmental Agreements

Organizers

Regional Organization for the Conservation of Environment of the Red Sea and Gulf of Aden (PERSGA) in collaboration with UNEP; supported by the Strategic Ecosystembased Management Project GEF funded and World Bank implemented.

Rationale

PERSGA countries are parties to and strong supporters of many Multilateral Environmental Agreements (MEAs) but experience and knowledge in negotiation skills have been identified as major constraints in effective participation at negotiations. In addition to the lack of negotiating skills, a further constraint is the lack of relevant available information prior to meetings on issues to be negotiated. Participants are going to learn simple processes and reinforce their skills through practice of negotiations of increasing complexity. Negotiation simulations, role-playing, and experiential exercises are used to provide a good and safe way to reinforce negotiation principles.

The National workshops will cover the background of environmental diplomacy and the basic steps in preparing for negotiations. This included the evolution of the system of multilateral environmental diplomacy and negotiations as well as an overview of the system of multilateral environmental negotiations and diplomacy: processes and mechanisms. The participants through simulation shall be introduced to managing complexity and synergies among instruments and processes and preparing and planning for Environmental Negotiations through choosing negotiation strategy and defining options and selecting the delegation, including identifying lead negotiator.

Objective and Main Points of Discussion

The main objective of the national workshop is to enhance and strengthen the skills of participants in the negotiation of various multilateral environmental agreements (MEAs) and improved abilities for effectively preparing and conducting environmental negotiations. Environmental negotiations are often more complex than other negotiations due to the competing interests of many parties, technical complexity (often involving data, experts, and sophisticated methodologies), regulatory and legal overlay, and often, the emotional nature of the parties. The Main Agenda will cover the followings:

- An introduction to PERSGA legal instruments ;
- Overview of Biodiversity and Climate Change issues relevant to PERSGA Member States;
- Negotiation for MEAs: A National Case Study :
- Understanding Conventions, Conference of the Parties (COP), with emphasis on UNFCCC

Participants

The workshop will target government officials, specialists in their field and involved in the implementation of the international Multilateral Environmental agreements in their countries. Total number of the national participants is not to exceed 30.

Language

The language will be a mix of Arabic and English. Material and facilitators are to be identified later

Date and Duration and Location

Duration of the course is three working days. Dates will be decided later with respective country

Training Materials, References and Facilitators

The workshop will be facilitated by Dr. Mohammad Satti from PERSGA. Additional facilitators and material may be identified later.

PERSGA Training Program 2017
Workshop Fact Sheet
National Training Workshops on Monitoring Results Dissemination and Incorporation a
Regional Database

Organizer

Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA) in support of the Strategic Ecosystem-based Management Project GEF funded and World Bank implemented

Rationale

The main objective of Component 3 in the SEM Project is to support participating countries to conduct monitoring and disseminating the monitoring results to the stakeholders. Activities of the SEM Project Component 3 in the first and the second years included contracting National Consultants and an International Consultant for reviewing monitoring and survey methods, identification of monitoring needs and capabilities in the countries. Findings of these consultancies have been discussed in a regional workshop held in Jeddah on February 2015. Actual monitoring activities started based on techniques advised by the consultants and recommendations of the workshop.

PERSGA SEM Project had so far four contracts for conducting Environmental and Socioeconomic Monitoring in the participating Countries Jordan, Sudan Egypt and Djibouti. Environmental and Socio-economic monitoring has been conducted for one full year in Jordan, Sudan and Egypt during 2015-2016, followed by results dissemination workshops targeting stakeholders in Jordan, Sudan and Egypt. Monitoring in Egypt has been conducted in 2016. Djibouti is in advanced preparation phase to start.

With the increasing amount of monitoring data, the development of a Regional Database and populating it with monitoring results generated by the Project and other relevant data available in the countries is becoming an important issue. To this effect the SEM project has contracted a database consultant to establish and provide training on data entry, handling and maintaining database. The Regional database will be ready by end of May 2017. The planned national Workshops will continue targeting improving the quality of collected data and sharing experience between the countries. In addition, training on handling the database and producing necessary reports electronically will be provided.

Objectives

The main objective of these National Workshops will be

- Continue discussing monitoring findings in the countries and presenting them to concerned stakeholders
- Continue improving the data collection process and applying quality control measure
- Provide training on proper data handling and effective use of a Regional Database for producing regular reports to serve management purposes

Participants

Most appropriate participants for these training workshops are governmental officials responsible for managing national monitoring programs, national monitoring team members and other relevant stakeholders concerned with coastal and marine resources and from the local communities.

The expected number of national participants in every workshop is not to exceed 30 persons.

Language

The language will be a mix of Arabic and English. In Djibouti it will be a mix of French and English

Date Duration and Location

Duration of the course is three working days. Dates will be decided later with respective country

Training Material, References and Facilitators

The main facilitators of these workshops will be Mr. Bashar al Bataineh and a database consultant. Additional facilitators may be identified later. Training material will be National Monitoring Reports and database management Manual that will be produced by the consultant.

PERSGA Training Program 2017
Workshop Fact Sheets
National Training Workshops on Management of Marine Protected Areas

Organizers

Regional Organization for the Conservation of Environment of the Red Sea and Gulf of Aden (PERSGA) supported by the Strategic Ecosystembased Management Project GEF funded and World Bank implemented.

Rationale

Marine Protected Areas (MPAs) are essential for biodiversity conservation and the maintenance of ecosystem health and services. MPAs could bring different benefits to the marine environment and communities, especially those who live adjacent to MPAs. The types of such benefits depend on MPA categories. However, the ability of MPAs to bring ecological benefits can be associated social and economic problems, particularly when these areas are poorly planned and the consequences of establishing MPAs are not adequately considered.

Establishing an MPA requires a holistic approach that includes and integrates ecological, biological, social and economic considerations. This approach cannot be successful without proper action plans, legislation and enforcement, a functional institutional framework, financial resources and the active involvement of community/stockholders that support the approach through unique experience and skills. These are standard tools for effective management of an MPA, which could vary across different MPA categories. The tools should be considered to increase performance of MPA management, even if they take a long time to be successful.

In practice, managers adapt different tasks to manage MPAs according to their actual circumstances, capacity and the resources available. This possibility contributes to reduce performance of MPAs and sometimes leads to management failure of their MPAs. To achieve functional and effective management for an MPA standard tools have to be fulfilled. Otherwise, establishment of MPAs could have inadvertent consequences rather to be beneficial to the marine environment and communities.

This workshop contributes to conservation of marine resources and management of MPAs in the region and in parallel to the PERSGA Protocol Concerning Conservation of Marine Biodiversity and Establishment of Marine Protected Areas Network (2005).

Objectives

The workshop aims at building capacity of national specialists from the region and support national programs in general in implementing the Jeddah Convention and the concerned Regional Protocol in particular. The workshop will focus on understating the principles of MPA management with the main objectives are to understand:

- the types of MPAs the concept of MPAs, their benefits, and their options for management systems;
- the needs to be considered, such as adequate data collection, in planning and managing MPAs.
- the steps and standards tools, such as action plans, for effective management of an MPA;
- the importance of involvement of different community/stakeholders in MPA management;

Participants

Participants attending this training workshop should have degrees in marine biology, marine science, environmental or in equivalent degrees with background on MPA management. They should be affiliated to coastal municipalities, coastal and marine institutes and/or local authorities and authorities working mainly in the field of MPAs. The total expected number of participants for this course is not to exceed 30 persons.

Language

The language of the workshop is a mix of Arabic and English

Date, Duration and Location

Duration of the workshop is three working days. Specific dates and venues will be identified in coordination with respective countries.

Training Materials, References and Facilitators

The workshop will be facilitated by Dr. Maher Amer and Dr. Zaher Al-Agwam from PERSGA

PERSGA Training Program 2017

Workshop Fact Sheet

National Training Workshops on Development and Management of Livelihoods Subprojects

Organizers

Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA) in support of the Strategic Ecosystembased Management Project GEF funded and World Bank implemented.

Rationale

The project “strategic ecosystem management of the Red Sea and Gulf of Aden” (SEM project) is a GEF supported regional project executed by the PERSGA and implemented by the World Bank. The project focuses on supporting on-the-ground activities and capacities so as to facilitate transition from conventional management practices to ecosystem-based management, demonstrating the added value through policy reform and participatory demo activities in the Red Sea and Gulf of Aden region.

Livelihoods in the SEM Project are to be established in two countries but for the benefit of all PERSGA member countries. Livelihoods subprojects established in Egypt and Sudan include water and energy solutions, operating glass bottom boats for ecotourism and small house hold income generating projects. These are just examples that could be implemented through the Project; with a large spectrum of livelihoods subprojects could still be realized should the necessary initial financial resources be available. Stakeholders will receive training on the various aspects concerning livelihood subprojects from identification and selection to running, keeping books and managing the revenues. This includes observing sustainability and social environmental considerations of the project. In addition, PERSGA has contracted a consultant to assist with developing a regional manual to provide guidelines for “ecosystem approach, management of living marine resources and livelihood options for coastal communities” in the framework of the project focus and objectives. Training on these guidelines will be provided in a Regional Workshop. It is expected that those who receive this training in the regional workshop will be qualified resource persons to help in facilitating these National Training Workshops. Two workshops will be conducted at the two pilot site of the Project. In every one of these workshops participants from another non pilot site country will be invited.

Objectives

The main goal of these workshops is to familiarise communities with the value of livelihoods subprojects and their benefits in alleviating pressure off the coastal and marine resources. The main objectives include:

- Identification and selection of livelihoods subproject
- Social and environmental considerations in livelihoods subprojects
- Effective management and sustainability of projects
- Advocating sharing benefits and continuously widening partnership
- Demonstration of comanagement examples from established subprojects

Participants

Participants in these workshops will be government and nongovernment stakeholders concerned with management of living marine resources and livelihoods subprojects, community members partners and interested in partnership in livelihoods projects

Total number of participants for each one of these workshops is expected not to exceed 25 persons

Language

The training language will be mainly Arabic

Date, Duration and Location

Duration of these workshops is three working days each. Specific dates and venues will be identified in coordination with respective countries.

Training Material, References and Facilitators

The main training material in these workshops will be the livelihoods subproject documents, guidelines on livelihoods management and SEM Project Social and Environmental Framework. The main facilitator of these workshops will be Dr. Ahmad Khalil from PERSGA. Additional facilitators from the stakeholders may be identified later



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of the Environment of the Red Sea and Gulf of Aden

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