Fifth Regional Training Course on Code of Conduct for Responsible Fisheries

19 January - 02 February 2013
(Chennai, India)
Fifth Regional Training Course on Code of Conduct for Responsible Fisheries

19 January-02 February 2013
Chennai, India
Fifth Regional Training Course on Code of Conduct for Responsible Fisheries
19 January-02 February 2013, Chennai, India

Report

Background

1.0 The 1995 FAO Code of Conduct for Responsible Fisheries (CCRF) or popularly known as the ‘Code’ is one of the most important international instruments devised for comprehensive management of the living aquatic resources of our planet. It is all-inclusive and all-encompassing and is now an indispensable source of reference on good conduct in fisheries. However, the major weakness of the CCRF is its strength – its elaborate and complex nature. Therefore, even after almost two decades, its implementation has been slow and penetration to the grassroots equally dismal. The Regional Training Course on CCRF (RTC-CCRF) has been devised with the objective of building the capacities of fisheries officials at the middle and junior levels in the member-countries (Bangladesh, India, Maldives and Sri Lanka) of the Bay of Bengal Programme Inter-Governmental Organisation (BOBP-IGO) and other countries with similar settings who can be familiarized with the objectives and principles of the Code and its Technical Guidelines (TGs). It is also hoped that the RTC-CCRF over a period of time will build a cadre of officers in the region who are well-conversant with the Code and its TGs and this would help in taking the Code to the end-users much faster and more effectively.

2.0 The Fifth RTC-CCRF (RTC-CCRF 2012) was organized during 19 January - 02 February 2013 in Chennai with field visits to places of fisheries interest in Thiruvananthapuram, Kanniyakumari and Kochi in Southern India. The Bay of Bengal Large Marine Ecosystem (BOBLME) Project co-organized the RTC-CCRF 2012. A total of 24 participants (4 each from Bangladesh, India, Indonesia, Maldives, Sri Lanka and Myanmar) were nominated by their respective governments to attend the programme. The participants from Indonesia and Myanmar were sponsored by the BOBLME Project, which is a regional Project funded principally by the Global Environment Facility and others and executed by the Food and Agricultural Organization (FAO) of the United Nations. Annexes 1, 2 & 3 contain the Prospectus of the RTC-CCRF 2012, Agenda and Timetable and the List of Participants.

Inagural Session

3.0 The inaugural session of the RTC-CCRF 2012 was held in Hotel Raj Park, Chennai on 20 January 2013. Dr K Vijayakumaran, Director General, Fisheries Survey of India (FSI) and Mr C M Muralidharan, Field Administrative Officer, BOBLME Project attended the inaugural session. Dr Yugraj Singh Yadava, Director BOBP-IGO welcomed the participants from the six participating countries. The inaugural session began with the traditional lighting of the lamp.

4.0 Delivering the welcome address, Dr Yadava said that the RTC-CCRF is an important programme in the activity matrix of the Organisation and aims at capacity building of junior and middle-level fisheries officials to enable them to deal with complex fisheries situations in their respective settings. He expressed his happiness on Indonesia and Myanmar’s participation in the Fifth RTC-CCRF.

Dr Yadava said that over a period of time this Training Course would be instrumental in building a team of officers in the region who would be more familiar with the Code and its TGs. He said that the Code is a comprehensive document meant to address fisheries issues in a practical manner and hoped that the RTC-CCRF will be a definite step to bridge the gap that presently exists in the BOBP-IGO member-countries and other countries in the region in adapting the Code to meet their national requirements.

Giving a brief overview of the Course, Dr Yadava said that the RTC-CCRF comprises lecture sessions, field visits, group work and personal assessments. The Course would be held in Chennai in two phases: 20-22 January and 27 January-02 February 2013. In between the participants will undertake field trips to Thiruvananthapuram, Kanniyakumari and
Kochi in Southern India to familiarize with the ground-level situation and interact with the fisher community. The Course also includes two seminars to allow the participants to interact with fisheries experts.

Dr Yadava thanked the BOBLME Project for partnering with the BOBP-IGO and Dr Vijayakumaran for agreeing to be the Chief Guest during the opening session.

5.0 Mr C M Muralidharan, Field Administrative Officer, BOBLME Project, FAO welcomed the participants on behalf of the BOBLME Project. He said that it was a great opportunity to address participants from six countries and said that BOBP-IGO had been conducting this training for the last few years, and that it was one of the most recognized courses on CCRF. Elaborating the mandate of the BOBLME Project, Mr Muralidharan said the Project’s larger goal is to ensure sustainability of the Bay of Bengal (BoB) through multi-dimensional coverage of water-related issues, which are both within national boundaries and are also of trans-boundary nature. He said that the issues to be understood were over-exploitation that had to be addressed through fisheries management at both the regional and national levels, and understanding threats affecting coastal habitats, including coastal pollution. Therefore, it was necessary to work towards the health of the ecosystem and well-being of the people dependent on them. Concluding his address, Mr Muralidharan said that some of the best field officers from the six participating countries were attending the Course and he wished them all success and a pleasant stay in India.

6.0 Dr Vijayakumaran, Chief Guest for the inaugural session welcomed the participants on behalf of the Government of India and the people of India. He said that it was his second year of association with the RTC-CCRF, and he felt fortunate to be associated with this training programme. He said that with globalization, there is a greed for amassing wealth and this was true for the fisheries sector also. Comparing to the western world, Dr Vijayakumaran said that the South and South-East Asian countries had an in-built tendency for conservation. However, in the process of globalization, these countries also seem to have forgotten this ethos. He said that while addressing issues of the globalized worlds, there was a drive for better standard of living, which has resulted in a dilemma as to where to compromise and how to establish priorities. “CCRF is not the ultimate in human vs nature conflict, but currently it is one of the most ideal things available,” said Dr Vijayakumaran. “Utilize the training programme and take the best information from CCRF, and also engage the faculty with critical questions”. He also asked the participants to think and utilize their unique thought process. Declaring the RTC-CCRF open, Dr Vijayakumaran said that it was a wonderful opportunity to learn and do something for the fishers and their families. He wished all the participants a pleasant and enjoyable stay in India.

Lectures

7.0 Post-inaugural session, Dr Yadava delivered the first lecture on “The Bay of Bengal Programme Inter-Governmental Organisation: Its Mandate, Objectives and Programmes”. He said that the BOBP-IGO is working to enhance cooperation among member-countries, other countries and organisations in the region and provides technical and management advisory services for sustainable coastal fisheries development and management in the BoB region. Dr Yadava said that starting as a FAO field programme in the late 70s, the Organization has been closely involved with fisheries management and development in the region. Realizing the value and potential of BOBP-IGO in their fisheries development, the member-countries are now considering transforming the Organisation as a regional fisheries management body for the region. In this regard, the Organisation has also developed a Strategic Action Plan and initiated discussions with the member-countries and other regional organizations working in the Bay.

8.0 Dr K Vijayakumaran then made a keynote presentation on “Regional Initiative in Managing Shared and Common Resources”. He discussed concepts like ‘commons’, ‘common property resources’ and ‘shared resources’. He said that at the grassroots level, in the frugal scale of small-scale fisheries, these were the issues that required to be addressed. He said that whatever a manager preached need to make sense to a small-scale fishers and this was a big dilemma. He also talked about IUU fishing and piracy, which have added new dimensions to regional fisheries management.

9.0 In the second presentation, Dr Yadava spoke on “Introduction to CCRF.” In this presentation he explained about the CCRF, its nature, the articles and the Technical Guidelines or the TGs. He explained that while the Code was only 43 pages in length, it was highly technical and difficult to understand. To make things easy to understand, the FAO had simplified the Code into a 13 page booklet, which was also translated into several languages spoken in the region. Further, the articles of the Code have been elaborated in the form of TGs, which are basically meant to help the policy makers and others in implementing the provisions of the Code.

10. Dr E Vivekanandan, Scientist Emeritus with the Central Marine Fisheries Research Institute (Chennai Centre) delivered the special address on “The Shared Nature of the Bay of Bengal”. He said that most of the talk on the shared nature of the Bay was more from the fish stocks point of view rather than the social aspects. He also talked about the lack of a common mechanism for information sharing between countries in the region.
11.0 In the next presentation, Mr Muralidharan talked about the “Role of NGOs in Fisheries Management”. He elaborated on the types of NGOs in the fisheries sector, and about how most functioned at the grassroots level. He further explained the role of these NGOs in fisheries management and also about the limitations of NGO’s involvement in the sector.

12.0 Subsequently, Dr Vivekanandan delivered another lecture on the “Basics of Fisheries Management”. In this lecture, he discussed about the management measures required to ensure that fishing is carried out sustainably and that there is reduced impact on the ecosystem and also good returns to the fishers.

13.0 Dr Yadava delivered the last lecture of the day on “Climate and Physiography of the Bay Of Bengal”. Dr Yadava explained the climate, physiography and currents in the BOBLME. He also said that BOBLME has a unique position, more on account of its climatic and physiographic characteristics vis-a-vis other LMEs in the world.

14.0 Day two of the RTC-CCRF (21 January 2013) began with the presentation of ‘Case Studies’ by the Trainees followed by three lectures. In the first lecture, Dr V Sampath, former Advisor, Ministry of Earth Sciences, Government of India spoke on the “Pattern of Regional Development and Stresses on Fisheries”. He described the need for institutional framework and required policy measures, regional cooperation and the process of implementation. He said that ICZM is a component of sustainable resource management within a regional/national development strategy and fisheries sector cannot be managed in isolation. Dr Sampath stressed on the need to consider the inter-relationships of fisheries sector with other users of coastal resources.

15. Ms Tanvi Vaidyanathan, Consultant, BOBP-IGO made a presentation on “Understanding Climate Change”. Her presentation focused on the impact of climate change on marine fisheries and aquaculture and potential adaptation options. She gave a brief outline on climate change and then spoke about the negative impacts of climate change on the fisheries sector. A few examples from the Indian context were also cited and the presentation concluded with some adaptation options.

16. Dr Md Sharif Uddin, Fishery Resource Officer, BOBP-IGO in the concluding presentation of that day spoke on the ‘Extent and Management of Marine Pollution in the Bay of Bengal Region’. He described the point and non-point sources of pollution and the effects of marine pollution on the fisheries sector and biodiversity as well. He also elaborated the precautionary measures for marine pollution in the region.

17.0 Day three of the RTC-CCRF (22 January 2013) included five presentations. In the first presentation, Dr Vivekanandan spoke on the ‘Approaches to Fisheries Management: An Overview’. He described the types of management, viz. technical management, biological management, and ecological, economic and social management. The focus of his talk was on ecological management. Dr Vivekanandan also explained the two main components of technical management, namely input and output controls. He stated that the difficulties in managing tropical fisheries are greater than in temperate fisheries. This was largely attributed to the fact that fisheries in the tropical systems are multi-species and multi-gear and thus more complicated and difficult to manage.

18.0 In the following lecture Mr Rajdeep Mukherjee, Policy Analyst, BOBP-IGO spoke on “Understanding Participatory Management in Fisheries”. His talk included concepts such as common property resources, open access and the role of community in sustainable management.

19.0 In the subsequent presentation on ‘Ecosystem Approach to Fisheries Management’ Dr Vivekanandan explained the concepts of ecosystem approach and the benefits that this approach has over the traditional forms of fisheries management.

20.0 In the penultimate presentation of the day, Mr Mukherjee spoke on “Managing Commercially Important and Vulnerable Species” and highlighted the need for their sustainable exploitation.

21.0 Dr A Anrose, Zonal Director of the Chennai Base of FSI in the last presentation of the day spoke on “Information Need and Data Collection Methodology for Fisheries Management”. In the presentation, Dr Anrose focused on the basic data requirements, survey and samplings procedures and problems in data collection.

Post this presentation, the participants left for the field trip to Thiruvananthapuram in the southern State of Kerala.

22.0 On return from the field trip, the first presentation on 28 January 2013 was on “Data Processing and Application in Fisheries Management” by Dr Shoba Joe Kizhakudan, Senior Scientist from the Chennai Centre of CMFRI. Dr Kizhakudan presented a brief overview on fishery dependent data and fishery independent data, and about data classification for easy retrieval. She also talked about important input information like spawning season of fish and fecundity and in conclusion described the limitations of data collection.
23.0 The next presentation was made by Mr V Vivekanandan, former Chief Executive and presently Advisor to the South Indian Federation of Fishermen Societies (SIFFS). Mr Vivekanandan in his presentation on “Developing Sustainable Livelihoods for Small-Scale Fishers”, discussed sustainability, which is a multi-dimensional concept and includes biological/environmental dimensions, economical dimensions and social dimensions. He emphasized on the fact that sustainability was not a static, one-dimensional issue. He also discussed the issue of livelihoods in small-scale fisheries with regards to fishing, and those involved in the post-harvest and marketing chain.

24.0 Dr V Suresh, practicing Advocate in the High Court of Madras in the next presentation spoke on “Involving communities in fisheries management.” He emphasized on the need to de-school and re-school the mind. Elaborating on the differences between government and governance, Dr Suresh emphasized on the need to relook at the meaning of people’s participation, and to move from passive to critical and constructive participation.

25.0 The final lecture of the day was by Dr Md Sharif Uddin who spoke on “Controlling IUU Fishing”. In his presentation, Dr Sharif Uddin gave an overview of illegal, unreported and unregulated fishing (IUU), the EU regulations on IUU fishing and also on the need for controlling IUU fishing.

26.0 The larger part of the day on 29 January 2013 was consumed by the mid-term evaluation and feedback on the progress so far. Mr V Venketasan, former Director of the Marine Products Export Development Authority and now a consultant on fishing harbor management spoke on the “Basics of Managing Fishing Harbours and Landing Centers”. He said that the harbours and fish landing centres play an important role in the fisheries sector and their construction and use needs to be carefully planned and executed.

27.0 On 30 January 2013 (Day 11), the proceedings began with a talk on “MPAs and Fisheries Management” by Ms Ramya Rajagopalan from the International Collective in Support of Fisherworkers. Ms Rajagopalan spoke on the history of the concept of MPAs and about the modification of the definition of an MPA over the years. Ms Ramya also talked about the human dimensions of MPAs, including its impact on fishery dependent communities. She said that ideally fishing communities needed to be educated and taken on-board at an earlier stage of the planning of MPAs.

28.0 In the next presentation on “Understanding MCS in Marine Fisheries” Dr Yadava discussed the importance of monitoring, control and surveillance (MCS) in the overall governance and management of fisheries in the region. Citing the current drawbacks in implementing MCS, Dr Yadava said that small-scale fisheries in fact could benefit from MCS and such benefits should be explained to the fishers to promote their active participation.

29.0 The next presentation on “Safety at sea as an integral part of fisheries management” was also made by Dr Yadava. He said that safety at sea had to be integrated into fisheries management and not considered separately.

30.0 In the subsequent presentation, Mr Mukherjee talked about “International Treaties, Laws and Conventions in Fisheries”. In his presentation he elaborated the international treaties and conventions in fisheries sector and also pointed out their scope and application.

31.0 Following the above presentations, Mr Mukherjee conducted a session on “Root Cause Analysis of Fisheries Problems”. He explained the importance of the analysis and said that such analysis was essential to understand the root causes of problems, which would go a long way in effective planning of strategies and solution of the problems.

32.0 In the post-lunch session, Dr S Jayaraj, Publication Officer, BOBP-IGO spoke on the “Use of Print and Electronic Media for Delivering Messages”. He explained the various forms of media and their effective use in communication. He also explained the art and science behind good photography.

33.0 In the final lecture of the Fifth RTC-CCRF, Dr Yadava made a presentation on “Knowledge Translation and Preparation of Policy Notes”. Explaining the finer nuances of preparing policy notes and brief in the governmental set-up, Dr Yadava said that the notes should be convincing, with facts and figures to enable the seniors to take a decision. With this presentation, all the lectures stipulated for the RTC-CCRF were completed.

Seminars

34.0 The first seminar on “Improving and Sustaining Livelihoods of Small Fishers- SIFFS Experience” was held in the meeting room “Planet” of Hotel Residency Tower on 23 January 2013. Dr Yadava opened the proceedings with an opening address, which was followed by two presentations from Mr Julian Teelar, Chief Executive Officer of SIFFS. Mr Teelar presented an overview on SIFFS and discussed about its activities in details. During discussions various issues were raised such as - the mechanism of communication through VHF, community radio, influences from middlemen, subsidy, registration and license, amount and procedure of loan, fisherwomen participation and loan repayment systems.
In his second presentation on “Fisheries Co-Management-SIFFS Experience,” Mr Teelar explained about the organizational activities and experiences, the necessity of co-management, purpose of the organization and local management initiatives. During open discussion, Mr Teelar discussed the destructive impact of ring seine net, fishing by foreign fishing vessels, subsidy from the government, and the fish catch sharing system by the owner and labour presently in vogue in the southern states of India. A knowledge sharing session by the participants regarding co-management followed the two presentations.

35.0 On 26 January 2013 the group visited Kerala backwaters in Alleppey District on a houseboat. During the day-long trip, a Seminar was arranged and Dr V V Sugunan, former ADG (ICAR) and former Staff of the World Fish Centre at Cairo, Egypt delivered a lecture on the CCRF objectives, principles, approaches and issues for both marine and inland fisheries sectors. Dr Sugunan emphasized on participatory approach than on enforcement of CCRF. He also emphasized on empowerment, awareness raising, institution building and co-management for sustainable fisheries. Following the lecture, a test/quiz competition was held, which was informative and enriched the understanding of the trainees.

Field Trips

36.0 On 24 January 2013 an extensive field visit was conducted, starting from Neerodi Fishing village on the Arabian Sea coast in Kanyakumari District of Tamil Nadu State. In the village, the trainees had good interactions with the fishers and observed the use of solar power for GPS, fish finder, signal lighting, etc. in small out board motorized boats and also observed the operation of shore seine net by the fishermen of Neerodi village. The participants then visited Thoothoor fishing village and had an interaction session in the office of the Association of Deep Sea Going Artisanal Fishermen (ADSGAF). During the interactions, the participants discussed the problems faced by the fishermen, conservation and welfare of fishers, activities of the association, etc and mode of assistance provided by the fishermen association to the members for loans, compensation during emergency, insurance, pension, rehabilitation, etc. During afternoon the group visited the Fish Landing Centre and the Fish Auction Hall in Kanyakumari, situated at the southern most part of India’s mainland.

37.0 On the afternoon of the 25 January 2013, the participants visited the Central Institute of Fisheries Nautical Engineering and Training (CIFNET) at Kochi and were shown different types of crafts, gear and engines used all along Indian coast with sample models. Dr R C Sinha, Director CIFNET briefed about the mandate and objectives of the institute.

Following the visit to CIFNET, the participants visited the National Institute of Fisheries Post-Harvest Technology and Training at Kochi, which is premier central Institute for post-harvest handling of fishes. Dr M K Venu, Processing Technologist explained various post-harvest handling techniques right from receiving of raw material, pre-processing, processing, cold storage, etc. The freezing technologies, flake ice plant, smoking kiln, tuna sashimi processing technique and canning plant processes were elaborately discussed. The value added products like fish pickle, fish cutlet, fish fingers were also shown to the trainees.

Participant’s Presentations

38.0 On 21 January 2013, the participants presented a brief introduction on fisheries in their country. They gave a brief overview about the organizational structure of their departments, their scope of work and the key issues plaguing the sector in the country.

39.0 On the 28 January 2013, on return from the field trip, the participants were divided into various inter-country groups and they made presentations on the activities carried out during the field visit and the lessons learnt. The presentations were followed by discussions.

40.0 On 31 January 2013, the inter-country groups worked on the root cause analysis, and made a presentation on analysis of fisheries problems; conceptualization tools and techniques.

41.0 The final presentations from the participants were on 1 February 2013. This was a pair presentation, where members of each group were from the same country, with the exception of one group. Presentations were made on various issues and the topics were decided based on lots.

Concluding Session

42.0 The concluding session of RTC-CCRF 2012 was held on 1 February 2013. The session was presided over by Dr R Venkatesan, Project Director, National Institute of Ocean Technology, Chennai. Dr Venkatesan also distributed the certificates and prizes to the participants.

***
1.0 The Code of Conduct for Responsible Fisheries

The world marine capture fishery is walking a tightrope. On one hand the resources are under severe strain due to increasing fishing pressure and on the other hand, negative developmental externalities are leading to habitat destruction and pollution of marine waters. The conventional fisheries management practices, mostly centered on increasing production, are now widely acknowledged as the main reasons for the present crisis. The way out is adaptation of a holistic approach based on eco-system principles where fisheries management is applied in unison with the social settings, larger economy of the country/region and law of the nature. Graduating from the conventional management practices to a holistic management regime needs addressing both the conceptual challenges and the implementation bottlenecks. The 1995 Code of Conduct for Responsible Fisheries (CCRF) of the Food and Agriculture Organization of United Nations (FAO) is globally acknowledged as a sourcebook for this purpose. The CCRF delineates the philosophy of a holistic and responsible approach and outlines the broad measures, which can be applied at the national and international levels to manage fisheries sustainably.

2.0 The Regional Training Course: Fifth Edition

Introduced in 2008, the Regional Training Course on the CCRF (RTC-CCRF) is one-of-its-kind training programme for junior and middle-level fisheries practitioners to learn about the principles and practices of responsible fisheries management detailed in the CCRF, its Technical Guidelines (TGs) and the International Plans of Action (IPOAs). The Training Course was initiated to meet the training and capacity building needs of the fisheries personnel in the member-countries of the Bay of Bengal Programme Inter-Governmental Organisation (BOBP-IGO) in particular and developing countries with similar fisheries settings in general. So far, 68 officers from the BOBP-IGO member-countries and Myanmar have undergone the RTC-CCRF.

The broad objectives of the RTC-CCRF are:

- To promote understanding of the CCRF, its TGs and the IPOAs to conserve fishery resources;
- To develop practical skills of fisheries practitioners to apply the principles of CCRF in their settings; and
- To enable fisheries practitioners in integrating the CCRF in a step-by-step manner to meet the local requirements.

In addition, the RTC-CCRF provides an international exposure to fisheries practitioners and hands-on experience in analyzing complex fisheries problems. The Training Course has also been instrumental in building rapport among the fisheries practitioners of the member-countries and encouraging them to exchange ideas and experiences regarding fisheries management.

3.0 The Organizers

BOBP-IGO (www.bobpigo.org) is a leading regional fisheries body instrumental in fisheries development in the Bay of Bengal Region. Presently, Bangladesh, India, Maldives and Sri Lanka are members of the Organisation.

BOBLME Project (www.boblme.org) aims to improve the lives of the coastal populations through better regional management of the Bay of Bengal environment and its fisheries. The Project is implemented and executed by the FAO. Bangladesh, India, Indonesia, Malaysia, Maldives, Myanmar, Sri Lanka and Thailand are participating in the Project.

4.0 Participation

Participants of the RTC-CCRF shall include a total of twenty-four (24) junior and middle-level officers of the Ministries/Departments of Fisheries and concerned agencies of Bangladesh, India, Indonesia, Maldives, Myanmar, Sri Lanka and Thailand.

Date & venue

The RTC-CCRF will be organized from 19 January to 02 February 2013 (both days inclusive).

Requirements for participation of candidates from the member-countries:

- Nominations to be forwarded by the BOBP-IGO focal points in the member-countries.
- Nomination of other participants to be forwarded by the sponsoring organisations.

Requirements for participation of self-sponsored candidates

- A Letter of Nomination from the concerned Ministry/Agency/Institution/Organization of the nominated candidate.

Common requirements for all candidates

- Minimum three (3) years of experience in the fisheries sector;
- Working knowledge in English (reading, writing and conversation);
- A Letter of Motivation explaining reasons for joining the course and learning expectations;
- A Personal History (CV) containing working experience, educational background, hobbies and other skills and a recent digital photo (not scanned);
- A Case Study relating to his/her work settings defining the environment in general and concerned issues;
• Participants should be physically fit to undertake extensive field visits; and
• Participants are encouraged to bring their own laptops.

All the documents should be submitted in electronic format to info@bobpigo.org.

Cost of participation and scholarships
The BOBLME Project/BOBP-IGO will provide scholarships to 4 candidates from each member-country. This will include air/train ticket (economy class, shortest route) from the place of duty to Chennai and back; in-country travels in India during the Training Course; lodging (on twin-shared basis); meals limited to breakfast and working lunch; and course material. Besides, a lump sum allowance of US $ three hundred only (US $ 300 only) will be given to each participant for their visa fee, all other personal expenses (telephone, laundry, etc) and evening meals (dinner) during the training period.

Insurance
The BOBP-IGO shall not be responsible for covering any cost or any unforeseen incidence during the Training Course. All participants are advised to ensure that they are fully covered by travel and medical insurance before joining the course at their own cost.

5.0 Course Outline and Training Methodology
The RTC-CCRF comprises three modules as shown below. The participants will spend about 20 percent time in module 1 and 40 percent time each in modules 2 and 3.

Module I
Fisheries management in the Bay of Bengal Region and issues affecting it.
• Ecological status of the Bay of Bengal region
• Regional initiatives in sustainable management of the fisheries resources of the Bay of Bengal
• Climate change

Module II
Understanding the Code of Conduct for Responsible Fisheries and approaches towards its implementation.
• Overview of the CCRF, its TGs and the IPOAs
• Understanding precautionary approach and eco-system approach to fisheries management
• Stock assessment and effort estimation
• MCS in fisheries management
• Indicators of sustainability
• Role of women in CCRF
• Role of NGOs in CCRF
• Quality of fish products
• Livelihoods of fishers
• IUU fishing
• Inland fisheries and aquaculture
• Interviewing techniques and data collection methods
• knowledge translation and dissemination

Module III
Application, skill and personal assessment
• Case studies
• Field visits, stakeholder interactions
• Visits to institutions of repute
• Causal analysis and development of policy inputs
• Group discussions
• Reporting and preparation of policy notes on taking CCRF to the grassroots
• Plenary discussions
• Personal evaluation

Methodology
The RTC-CCRF employs a variety of capacity development methodologies. Specific methodologies applied will include:
• Interactive presentations and lectures on selected issues: Lectures are systematically followed by Q & A and discussion sessions. During the Training Course, two seminars will also be organised on identified topics.
• Study tours: Field visits will be organized to allow participants to observe functioning of fishers and their organizations and to engage in interactive sessions with them. Study tour will also include visits to reputed fisheries and other institutions to see the latest developments in fisheries and environmental sciences. The participants will need to prepare a report based on the study tours.
• Practical exercises: These would include case-study analysis in inter-country and intra-country groups, formulation of model work/action plans in in-country teams, personal report writing and mid-term and terminal evaluations. Teams will be given specific time to formulate work plans on one aspect of the CCRF applicable to their country/workplace and then present their findings in the plenary. Case studies submitted by the participants shall be presented during the Training Course.

Language and communication
The RTC-CCRF will be conducted in English. The course material shall include copies of the CCRF (and its concise version), TGs and IPOAs and lecture notes. Copies of the CCRF, its concise version, TGs and IPOAs translated by the BOBP-IGO in the languages spoken in the member-countries shall also be made available to the participants. Besides the above, other relevant documents (in print or in electronic format) shall also be provided as course material.

6.0 Coordination
For any further information, please contact:
Dr Yugraj Singh Yadava
Director
Bay of Bengal Programme
Inter-Governmental Organisation
91 St. Mary’s Road, Chennai 600 018, India.
Tel: +91- 44- 24936188; Fax: +91- 44- 24936102
Email: yugraj.yadava@bobpigo.org; info@bobpigo.org
## Fifth Regional Training Course on Code of Conduct for Responsible Fisheries

### Time-Table

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0900-0930</td>
<td>Inauguration</td>
<td>Test I</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
</tr>
<tr>
<td>0930-1000</td>
<td>Tea-break</td>
<td>About the Bay of Bengal Programme Inter-Governmental Organisation (YSY)</td>
<td>Test I</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
</tr>
<tr>
<td>1000-1030</td>
<td>Tea-break</td>
<td>Tea-break</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
</tr>
<tr>
<td>1030-1100</td>
<td>Tea-break</td>
<td>Tea-break</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
</tr>
<tr>
<td>1100-1130</td>
<td>Keynote address: Regional initiative in managing shared and common resources (KV)</td>
<td>Presentations of case studies (@ 8 mins per participant)</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
</tr>
<tr>
<td>1130-1200</td>
<td>Introduction to the CORF Basic philosophy (YSY)</td>
<td>Approaches to fisheries management: An overview (EV)</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
</tr>
<tr>
<td>1200-1230</td>
<td>Introduction to the CORF Technical framework (YSY)</td>
<td>Ecosystem approach to fisheries management (EV)</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
<td>Recap</td>
</tr>
<tr>
<td>1230-1400</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
</tr>
<tr>
<td>1400-1430</td>
<td>Arrival of the Participants</td>
<td>Discussion on selected case studies</td>
<td>Information need and data collection methodology for fisheries management (AA)</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
</tr>
<tr>
<td>1430-1500</td>
<td>Presentation &amp; discussion on field reports</td>
<td>Development of sustainable livelihoods for small-scale fisheries (MSU)</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
</tr>
<tr>
<td>1630-1700</td>
<td>Climate and physiography of the Bay of Bengal (YSY)</td>
<td>Wrap-up</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
</tr>
</tbody>
</table>

### Departure of participants

- **19 January**: Field Visit I (0700-2130 hrs)
- **20 January**: Field Visit II (0700-2130 hrs)
- **21 January**: Field Visit III & Group discussion & Test II (0730-2030 hrs)
- **22 January**: Field Visit IV (1400-1800 hrs)
- **23 January**: Field Visit V (1400-1800 hrs)
- **24 January**: Field Visit VI (1400-1800 hrs)
- **25 January**: Field Visit VII (1400-1800 hrs)
- **26 January**: Field Visit VIII (1400-1800 hrs)
- **27 January**: Field Visit IX (1400-1800 hrs)
- **28 January**: Field Visit X (1400-1800 hrs)
- **29 January**: Field Visit XI (1400-1800 hrs)
- **30 January**: Field Visit XII (1400-1800 hrs)
- **1 February**: Field Visit XIII (1400-1800 hrs)
- **2 February**: Field Visit XIV (1400-1800 hrs)

### Faculty

- A Anrose (AA)
- CM Muralidharan (CMM)
- E Vivekanan (EV)
- K Vijayakumaran (KV)
- Md Sharif Uddin (MSU)
- Rajdeep Mukherjee (RM)
- Ramiya Rajagopal (RR)
- South Indian Federation of Fishermen Societies (SIFFS)
- S Jayaraj (SJ)
- SJ Kizhakudan (SJK)
- V Suresh (SR)
- Tanvi Vaidyanathan (TV)
- V Sampath (VS)
- V Vivekanandan (VV)
- V Venkatesan (VVS)
- Yugraj Singh Yadava (YSY)

### Additional Information

- **Test I**: 19 January - 02 February 2013, Chennai, India
- **Terminal Evaluation (Written Test)**
- **Terminal Evaluation (Oral Presentations)**
- **Mid-term evaluation**
- **Special address: The shared nature of the Bay of Bengal** (EV)
- **Field Visit IV** (1400-2200 hrs)
- **Concluding Ceremony & Award of Certificates**
- **Departure of participants**

---

**Annexure 2**

**Report of Fifth RTC-CCRF 2012**

10
## List of Participants

### Bangladesh

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Organization</th>
<th>Address</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mohammad Nazim Uddin</td>
<td><strong>Upazila Fisheries Officer</strong></td>
<td>Department of Fisheries</td>
<td>Raozan, Chittagong, Bangladesh</td>
<td>O: +880 302656255, Mobile: +880 1716566752, Fax: +880 302656439, Email: <a href="mailto:nazim.ict94@yahoo.com">nazim.ict94@yahoo.com</a></td>
</tr>
<tr>
<td>Mohammad Mahbubur Rahman</td>
<td><strong>Inspector</strong></td>
<td>Marine Fisheries Office</td>
<td>CGO Building No-1, Agrabad, Chittagong, Bangladesh</td>
<td>O: +880 31721731, Mobile: +880 1711471983, Fax: +880 312518149, Email: <a href="mailto:tanishamjd@gmail.com">tanishamjd@gmail.com</a></td>
</tr>
<tr>
<td>Md Abdulla Al Hasan</td>
<td><strong>Upazila Fisheries Officer</strong></td>
<td>Department of Fisheries</td>
<td>Begumganj, Noakhali, Bangladesh</td>
<td>O: +880 32152325, Mobile: +880 1913444002, Fax: +880 32151105, Email: <a href="mailto:abdullaalhasan@yahoo.com">abdullaalhasan@yahoo.com</a></td>
</tr>
<tr>
<td>Md Moshiur Rahman</td>
<td><strong>Upazila Fisheries Officer</strong></td>
<td>Department of Fisheries</td>
<td>Ramu, Cox’s Bazar, Bangladesh</td>
<td>O: +880 342556297, Mobile: +880 1713231186, Fax: +880 34163268, Email: <a href="mailto:mrahmanbau@yahoo.com">mrahmanbau@yahoo.com</a></td>
</tr>
</tbody>
</table>

### India

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Organization</th>
<th>Address</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>G Mohana Pai</td>
<td><strong>Assistant Commissioner (Fisheries)</strong></td>
<td>Department of Animal Husbandry, Dairying &amp; Fisheries</td>
<td>Room-490, Krishi Bhavan, New Delhi-110 001, India</td>
<td>O: +91 1123389419, Mobile: +91 9868345445, Fax: +91 23386099, Email: <a href="mailto:paigmohanain@yahoo.co.in">paigmohanain@yahoo.co.in</a></td>
</tr>
</tbody>
</table>
Shrihart Govindrao Patwari

**Junior Fisheries Scientist**
Mumbai Base of Fishery Survey of India,
Sassoon Dock, Colaba, Mumbai - 400 005
India
Telephone: + 91 2222181760 (O)
Mobile: + 91 9969856751
Fax: + 91 22 22160729
Email: sgpatwari0107@gmail.com

V Senthil Kumar

**Inspector of Fisheries**
Department of Fisheries and Fishermen Welfare
Government of Puducherry
Botanical garden Premises, Puducherry-605 001 India
Telephone: +91 413236538 (O)
Mobile: +91 9894149439
Fax: +91 2220614
Email: sensanjay666@gmail.com

T Vijayaraghavan

**Inspector of Fisheries**
Office of Assistant Director of Fisheries (Marine)
Department of Fisheries
Government of Tamil Nadu
South Beach Road, Thoothukudi - 628 001
India
Telephone: + 91 4612320458 (O)
Mobile: + 91 7502452335
Fax: + 91 4612320458
Email: raghavanif1976@gmail.com

Bharat Bhushna J Sahoo

**Assistant Fisheries Officer**
Directorate of Fisheries
Dry Dock, Jobra, Cuttack, Odisha- 753007
India
Telephone: +91 6712414061 (O)
Mobile: + 91 9438234910
Fax: +91 6712410521
Email: bbjsahoo5@gmail.com

Indonesia

Afran Rouzani Pulungan

**Marine and Fisheries Services of North Sumatera**
Ministry of Marine Affairs and Fisheries
Jl. Sei Batuggingging No. 6 Medan
Indonesia
Telephone: + 62 614568819 (O)
Mobile: + 62 85276207774
Fax: + 62 614153338
Email: afran.rouzani@gmail.com
Zuyetti

**Head of Fishery Business License Section**
Provincial Office of Marine Affair and Fisheries
Service of West Sumatera
Ministry of Marine Affairs and Fisheries
Parak Gadang, Padang – West Sumatera
Jl. Koto Tinggi No. 9 Padang
Indonesia
Telephone: + 62 75133288 (O)
Mobile: + 62 8197589265
Fax: + 62 75127089
Email: zuyetti_khalid@yahoo.co.id

Ali Firman Herlambang

**Directorate of Fish Resources – Directorate General of Capture Fisheries**
Ministry of Marine Affairs and Fisheries
Jl. Medan Merdeka Timur No. 16 Jakarta Pusat
Indonesia
Telephone: + 6221 3453008 (O)
Mobile: + 62 85860077710
Fax: + 62 3453008
Email: ali.f2011h@gmail.com

**Maldives**

Mohamed Adhuham

**Assistant Data Processing Officer**
Research and Statistics Unit
Fisheries Management Agency
Ministry of Fisheries & Agriculture
Moonlight Hingun, Male’ 20025
Republic of Maldives
Telephone: + 960 3305035 (O)
Mobile: + 960 7886818
Fax: + 960 3321168
Email: mohamed.adhuham@fishagri.gov.mv

Aminath Inasha

**Administrative Officer**
Fisheries Management Agency
Ministry of Fisheries and Agriculture
Republic of Maldives
Telephone: + 960 3305038 (O)
Mobile: + 960 7874758
Fax: + 960 3321168
Email: inasha.aminath@live.com

Naseef Mohamed

**Senior Project Officer**
Fisheries Development Services
Ministry of Fisheries and Agriculture
Republic of Maldives
Telephone: +960 3339205 (O)
Mobile: + 960 9911179
Fax: + 960 3326558
Email: naseefm@gmail.com
Aminath Suha  
**Assistant Food Technologist**  
Fisheries Development Services  
Ministry of Fisheries and Agriculture  
Republic of Maldives  
Telephone: +960 3339213 (O)  
Mobile: + 960 7516615  
Fax: + 960 3326558  
Email: aminath.suhaa@fishagri.gov.mv

Myanmar

Pyae Phyo Oo  
**Deputy Assistant Fishery Officer**  
Conner of Bayint naung Road and Bayint naung Avenue  
Insein Township, Yangon  
Myanmar  
Telephone: + 951 647519 (O)  
Mobile: + 959 73139436  
Fax: + 951 647519  
Email: ppodof@gmail.com

Hlaing Win  
**Assistant Fishery Officer**  
Conner of Bayint naung Road and Bayint naung Avenue  
Insein Township, Yangon  
Myanmar  
Telephone: + 95 1 647721 (O)  
Mobile: + 950 9420131674  
Fax: + 951 647721  
Email: hlainghlaingwin84@gmail.com

Tin Zar Lin  
**Assistant Fishery Officer**  
Conner of Bayint naung Road and Bayint naung Avenue  
Insein Township, Yangon  
Myanmar  
Telephone: + 95 1 450430 (O)  
Mobile: + 959 5192847  
Fax: + 951 450430  
Email: tinzarlin.dof83@gmail.com

Min Kyaw Zin  
**Assistant Fishery Officer**  
Conner of Bayint naung Road and Bayint naung Avenue  
Insein Township, Yangon  
Myanmar  
Telephone: + 951 647721 (O)  
Mobile: + 95 973139436  
Fax: + 951 647721  
Email: minkyawzindof@gmail.com

Sri Lanka

MMA Sampath Maheepala  
**Research Officer**  
National Aquatic Resources Research & Development Agency (NARA)  
No. 15, Crow Island, Mattakkiliya, Colombo 15  
Sri Lanka  
Telephone: + 941 12521000 (O)  
Mobile: + 947 18084312  
Fax: + 941 12521881  
Email: mmasmaheepala@yahoo.com
AN Samanthi Seneviratne  
**Quality Control Assistant**
Department of Fisheries & Aquatic Resources (DFAR)  
New Secretariat, Maligawatta  
Colombo 10, Sri Lanka  
Telephone: + 940 112472192 (O)  
Mobile: +940 770252321  
Fax: +940 112424086  
Email: nalikais@gmail.com

Chaminda Kumara Sapumohotti  
**District Aquaculture Extension Officer**
National Aquaculture Development Authority of Sri Lanka (NAQDA), 41/1, New Paliament Road  
Pelawatte, Battaramulla, Sri Lanka  
Telephone: + 941 12786497 (O)  
Mobile: + 947 17765660  
Fax: + 941 12786497  
Email:sapumohotti1977@gmail.com

Ganesan Dhanabalasingam  
**Fisheries Resources Management Assistant**
Department of Fisheries & Aquatic Resources (DFAR)  
New Secretariat, Maligawatta  
Colombo 10, Sri Lanka  
Telephone: +941 12446183 (O)  
Mobile: +947 50370544  
Fax: +9423 2222173  
Email: gdhanabalasingam@yahoo.com

***
Fifth Regional Training Course on Code of Conduct for Responsible Fisheries

19 January - 02 February 2013
(Chennai, India)