

# REPORT OF THE SEVENTEENTH MEETING OF THE SEAFDEC INFORMATION STAFF PROGRAM (ISP)

25-27 October 2016, Tangerang, Indonesia

\*\*\*\*\*

## I. INTRODUCTION

1. The Seventeenth Meeting of the SEAFDEC Information Staff Program (17 ISP) was organized from 25 to 27 October 2016 in Tangerang, Indonesia, and hosted by the SEAFDEC Inland Fishery Resources Development and Management Department (IFRDMD). The Meeting was attended by the SEAFDEC Secretary-General and concurrently Chief of the Training Department (TD), Deputy Secretary-General and concurrently Deputy Chief of TD, Chief of IFRDMD, Deputy Chief of IFRDMD, and officers from the SEAFDEC Secretariat, TD, AQD, MFRDMD, and IFRDMD. The List of Participants appears as **Annex 1**.

## II. OPENING OF THE MEETING

2. The Chief of IFRDMD, *Dr. Arif Wibowo* welcomed the participants to the 17<sup>th</sup> Meeting of SEAFDEC ISP, and articulated the importance of ISP Meetings in enhancing the visibility of SEAFDEC. He also recognized that effective communication based on information generated by SEAFDEC would ensure that results of SEAFDEC activities reach the target audience. He then expressed his wish for the Meeting to have fruitful deliberations and discussion, and for the participants to have very pleasant stay in Indonesia.

3. The Advisor for Public Policy to the Minister of Marine Affairs and Fisheries, and SEAFDEC Alternate Council Director for Indonesia, *Dr. Achmad Poernomo* emphasized the importance of information-related activities particularly to inform people on the works undertaken by SEAFDEC. With regards to the publication on the Southeast Asian State of Fisheries and Aquaculture or SEASOFIA, and while looking forward to the improvement of SEASOFIA from its first issue published in 2012, he reiterated that SEASOFIA should not repeat what the SOFIA of FAO had published at the global level, and thus, preparations for the 2017 issue should take into consideration the fisheries scenarios in Southeast Asia as indicated in the recommendations made during the 48<sup>th</sup> Meeting of SEAFDEC Council. He also commended the works spearheaded by SEAFDEC and Thailand in collaboration with all SEAFDEC Member Countries that led towards the adoption of the ASEAN-SEAFDEC Joint Declaration on Combating IUU Fishing and Enhancing the Competitiveness of ASEAN Fish and Fishery Products. He mentioned that the Joint Declaration was subsequently supported by the 38<sup>th</sup> AMAF Meeting held in Singapore in October 2016.

4. The Secretary-General of SEAFDEC, *Dr. Kom Silapajarn* expressed his appreciation to *Dr. Achmad Poernomo* for officiating this year's ISP Meeting and to IFRDMD for the hosting arrangements of the Meeting. While reiterating the importance of ISP as a forum for harmonizing information-related activities undertaken by SEAFDEC Secretariat and Departments, he added the importance of this year's ISP as discussion would be initiated on a special event to commemorate the 50<sup>th</sup> Anniversary of SEAFDEC in 2017. Furthermore, as the outline of SEASOFIA 2017 have already been approved by the Council with article inputs being prepared by each offices of the SEAFDEC Secretariat and Departments, this ISP should also be an opportune time to update on the progress of preparation of the inputs and to provide comments prior to finalizing the draft contents before its submission to the next SEAFDEC Program Committee Meeting. After sharing some insights about the Meeting, he declared the Meeting open.

### **III. BACKGROUND AND OBJECTIVES OF THE MEETING**

5. The SEAFDEC Secretariat provided a brief background on the information-related activities of SEAFDEC, as well as on the objectives, agenda and arrangements of the 17<sup>th</sup> Meeting of SEAFDEC ISP (17 ISP Meeting). The Agenda of the Meeting appears as **Annex 2**.

### **IV. REVIEW OF THE PROGRESS AND ACHIEVEMENTS IN 2016 ON THE IMPLEMENTATION OF THE INFORMATION STRATEGIES FOR ENHANCING SEAFDEC VISIBILITY AND COMMUNICATIONS**

6. The progress in the “Implementation of the Information Strategies for Enhancing SEAFDEC Visibility and Communications” during the period from January-September 2016 (**Annex 3**) was presented by the Secretariat based on compiled inputs from the Departments. The 17 ISP Meeting subsequently provided views, observations and recommendations for improving the implementation and monitoring of the progress of the Information Strategies.

#### **Strategy 1: Production of relevant, timely, and useful information materials to meet the requirements of the target audience**

- While noting that several factors could have affected the increase/decrease in number of titles/issues of technical/scientific materials generated in 2016, the Departments should explore the possibility of applying an incentive system (based on system currently used by AQD as an example), to encourage Department staff to publish more technical articles in scientific journals in the future.
- In addition to increasing the number of materials that should be generated by SEAFDEC annually, the possibility of recording the number of citations should also be explored as this would enhance not only the motivation of Department staff to write more but also the credibility of SEAFDEC as source of useful technical materials that are required by target audience. In this connection, AQD was asked to share information on the tool that could be used for recording citations especially for SEAFDEC scientific papers that are published in journals covered by the Institute for Scientific Information-Current Contents (ISI-CC).
- Department staff members are encouraged to publish their articles in credible open-accessed journals, in this way their articles would be more likely to be accessed and cited. In addition, Departments should strive to establish their respective repositories of published papers to enhance accessibility of their technical information.
- Papers published in proceedings should also be included in the report on the progress of activities under Information Strategy 1.

#### **Strategy 2: Raising SEAFDEC image at international, regional and national levels**

- Due to the limited number of official press statements that were taken up by the media in 2016, arrangements of important regional meetings of SEAFDEC should include development/issuance of press releases as appropriate, and that host governments as well as collaborating organizations should be encouraged to publicize such press releases.
- In order that SEAFDEC news materials could be published in high-ranked newspapers/magazines, additional budget may have to be secured while working relationship between SEAFDEC with the media especially the press should also be enhanced.

### **Strategy 3: Enhancing communication and information sharing both within SEAFDEC and with Member and non-Member Countries, other international/regional organizations, and public**

- Databases could be different in nature, *e.g.* databases that are regularly updated and could be openly accessed by users, databases created to facilitate data collection/sharing within one project including those that are no longer updated after completion of the project but are still maintained. In order that target audience would be aware of such databases, the report on all databases created by SEAFDEC should always be updated and in this case, an additional Appendix should be added in the progress of activities under Strategy 3, the information of which should be provided by concerned Departments. Such information should include: Database title, URL, short description, and number of access within the year.
- In reporting the information on databases developed by SEAFDEC, focus should be made on databases that aim to enhance dissemination of data/information to target audience, while databases developed to facilitate internal administration within Departments should not be included.
- In order to increase the number of visitors to the SEAFDEC Website, useful materials should be made downloadable through such Website. Departments conducting regular training courses should consider developing databases of training toolkits that are downloadable through their respective websites.
- Other departments could avail of the existing cooperation between AQD and FAO/Aquatic Sciences and Fisheries Abstracts (ASFA), to facilitate sharing of scientific articles produced by Departments with wider audience. AQD should therefore explore the possibility of sharing the detailed information with the Secretariat and other Departments on how to avail of such services (*e.g.* process, username/password, etc.).

### **Strategy 4: Strengthening SEAFDEC capability in information-related activities**

- While AQD adopts a cost-recovery policy from selling its publications, sale of publications by other Departments should be subject to the policy of respective Departments. However, the possibility of giving out information materials such as technical or extension manuals free of charge to target audience should also be explored. In this regard, it was reiterated that project documents should allocate certain budget for production of information materials that are based on results and outputs of the said project.
- The “Percentage of program budget allocated to information activities” should be changed to “Percentage of program budget spent for information activities.” Since program expenditures could be classified into different categories with “information” as one of the categories, Departments should be able to extract the total program expenditures, and expenditures spent for information activities within a year. This should include both the FCG/ASSP projects as well as Departmental Programs.

### **Strategy 5: Regular monitoring and evaluation of information activities**

- The Departments should consider the feedbacks from surveys on monitoring and evaluation of information materials as these could help in improving the materials to be promoted by the Departments in the future.

7. After the discussion, the Departments agreed to provide updated information on the progress of implementation of the Information Strategies (to cover the period from January-December 2016) taking into account the abovementioned recommendations, to the Secretariat by the end of January 2017. The Meeting was informed that a short summary of this annual progress report would be included as part of the SEAFDEC Annual Report 2016.

## V. PREPARATION AND ENHANCEMENT OF SEAFDEC INFORMATION TOOLS/ACTIVITIES IN 2017

### 5.1 Overview of SEAFDEC Regular Information Materials

8. The 17 ISP Meeting took note of the SEAFDEC regular information materials to be produced in 2017 (**Annex 4**), which include the SEAFDEC Annual Report 2016, Annual Information Compilation CD-ROM 2016, SEAFDEC Newsletter (4 issues), Special Publication “Fish for the People” (3 issues), and the SEAFDEC Calendar 2018. The working schedule and contact persons of each Department for the preparation of these materials were also identified.

9. While conforming in principle to the indicated timeframe in 2017 for providing the required inputs to the Secretariat, the Departments also agreed to inform the Secretariat on any changes in the contact persons responsible for their respective information materials. In this connection, the Meeting noted that the focal point for IFRDMD to coordinate with the Secretariat for the Anniversary Coffee-Table-Book was changed from *Ms. Sevi Sawestri* to *Dr. Satoshi Honda*.

10. For the Special Publication “Fish for the People” of which 3 issues are published annually, the Departments were again asked to provide inputs for the 3 issues in 2017. Since SEAFDEC would be on its 50<sup>th</sup> year in fisheries development in 2017, focus of such inputs should be on the achievements of SEAFDEC Departments and the ASEAN, and the impacts of such regional movements on sustainable fisheries development and food security of the Southeast Asian region.

11. While noting that a number of new SEAFDEC publications had been produced during the recent years, the Meeting agreed that SEAFDEC Information Catalogue should also be updated in 2017, and the Secretariat would communicate with the Departments to obtain the required inputs accordingly. The Meeting suggested that to facilitate access to the publications from the SEAFDEC websites, Quick Response Code (QR Code) for each publication should also be included in the catalogue. In addition, the 17 ISP Meeting also agreed that the SEAFDEC Calendar for 2017 as well as the New Year Card 2017 should also bear QR codes as these codes would make it easy for the audience to access the SEAFDEC Website.

### 5.2 SEAFDEC Annual Report 2016

12. The 17 ISP Meeting noted the proposed structure of the SEAFDEC Annual Report 2016, the required inputs from Secretariat and Departments, and the timeframe for compilation and production of the Annual Report (**Annex 5**). Specifically, the inputs required from the Departments for the Annual Report (*i.e.* for the sections on Overview of SEAFDEC Activities in 2016, and Cooperation with Donors and Other Organizations) should be submitted to the Secretariat by the end of January 2017.

13. Moreover, the Meeting suggested that the following changes that should be made in preparing the SEAFDEC Annual Report 2016:

- Section on “Cooperation with Donors and Partner Organizations” should be changed to “Cooperation with Donors and Other Organizations”
- “Message from the Chairperson of SEAFDEC Council for the Year 2016-2017” and “Message from the Secretary-General” should be moved after the “Executive Summary”, and before the page on “About SEAFDEC.”

### 5.3 SEAFDEC Calendar 2018

14. The Meeting suggested the following potential themes for the SEAFDEC Calendar 2018:

- Innovations for sustainable fisheries development

- Varieties in different aspects of fisheries among SEAFDEC Member Countries
- Outlook of fisheries development in Southeast Asia
- Way forward of SEAFDEC after 50 years of establishment
- Gender in fisheries in Southeast Asia

15. The Meeting noted the procedure in which the potential themes for the SEAFDEC Calendar 2018 suggested during the 17 ISP Meeting would be proposed for consideration/finalization during the forthcoming Departmental Chiefs' Meeting.

#### **5.4 SEAFDEC New Year Card 2017**

16. After considering the three designs proposed by TD for the SEAFDEC New Year Card 2017, the 17 ISP Meeting chose "Design 1" but should be improved taking into consideration the following aspects:

- Historical images of SEAFDEC Departments during establishment should be maintained, with short description and corresponding year for each picture (*e.g.* AQD, since 1973)
- Image of MFRDMD should be changed to bird's-eye view image that broadly covers the whole MFRDMD compound
- Image of AQD compound should be made smaller, in order that an image of the Secretariat building could be added
- Font size of addresses in the back page should be reduced (correction made on addresses), with current images of SEAFDEC offices added
- Greetings text inside the card should be removed

17. The Meeting was informed that the New Year Card 2017 would be published by mid of November 2016, in order that these could be distributed to the Departments during the 39<sup>th</sup> Meeting of the SEAFDEC Program Committee. The 17 ISP Meeting also confirmed the number of copies of the New Year Card 2017 required by the Secretariat and Departments, as follows: Secretariat = 500 copies, TD = 450 copies, AQD = 200 copies, MFRD = 50 copies, MFRDMD = 150 copies and IFRDMD = 250 copies.

#### **5.5 SEAFDEC Websites**

18. The 17 ISP Meeting took note of the structure and analysis of the main SEAFDEC Website (**Annex 6**) and those of TD, MFRD (as part of the main website), AQD, MFRDMD, and IFRDMD.

19. For the main SEAFDEC Website maintained by the Secretariat, the Meeting suggested that a "Search" module should be added in the first page. Furthermore, the SEAFDEC Website should improve the access to searches for publications by uploading more publications not only those produced by the Secretariat but also those of the Departments. In this regard, the Information Officer of the Secretariat would communicate with the Departments to obtain the PDF files of publications that could be made accessible through the SEAFDEC Website.

20. While suggesting on the ways and means of improving the SEAFDEC websites to meet the requirements of target audience, the Meeting expressed the view that the websites could also serve as central online library that could provide access to all technical/scientific articles and SEAFDEC publications through departmental information repository systems. The 17 ISP Meeting therefore encouraged each Department to establish its own information repository, and the Secretariat to consider holding the centralized repository system that could link with the departmental information repositories. In this connection, AQD was asked to share lessons learned and experiences on the establishment of the AQD Repository not only to the Secretariat but also to the Departments, and also to provide information on the process of establishing a repository system.

21. The Meeting was informed that MFRDMD is planning to establish a repository on marine capture fisheries in Southeast Asia, and that the letter requesting for nomination of focal point of each Member Country has already been sent to the respective countries' Council Directors. Furthermore, the Meeting noted that IFRDMD also plans to establish an information repository for the Anguillid eels to facilitate the conduct of future activities on the species. Concern was however expressed on the sources of the needed information on Anguillid eels as these could come mainly from non-SEAFDEC authors at this stage.

22. On the improvement of the SEAFDEC websites, the Meeting suggested that the keywords used should be improved and increased/expanded to attract more visitors to the websites.

## 5.6 SEAFDEC Introductory Video

23. After taking a look at draft of SEAFDEC Introductory Video which was prepared by TD in collaboration with SEAFDEC Secretariat and all Departments, the 17 ISP Meeting provided the following comments and suggestions to improve the said video:

Time (min.)	Changes
0.13	SEAFDEC logo should not be flipping over
	In the title, the word "The introductory of" should be deleted
	Spelling of the title should be corrected to "Southeast <u>Asian</u> Fisheries Development Center"
	Sequence of flags should be in alphabetical order, <i>i.e.</i> starting with Brunei Darussalam up to Viet Nam
0.55	Southeast Asian map used should be changed in order that the full map of Indonesia until Japan (southern part) is shown, with correct recent spelling of countries ( <i>e.g.</i> Lao PDR, Viet Nam)
	Member Countries' flags should placed in correct positions, <i>e.g.</i> Indonesian flag in Java Island and not in Sumatra area
	Animation should be used, <i>e.g.</i> zoom-in to map of the country (one by one) while showing flag of the country Department is located, then zoom-out.
	Consider using other song to replace the ASEAN anthem (if there is no permission from ASEAN for SEAFDEC to use the said song).
1.48	Aerial scene before Secretariat part may not be relevant for this SEAFDEC video.
2.08	Change background globe to map, and use line to mark the location of each Department
	Switch the places of pictures and corresponding flags, <i>i.e.</i> those of MFRD and IFRDMD
3.19	Shots taken onboard vessels with staff wearing SEAFDEC shirts but barefooted are not appropriate and should be changed.
4.46	Picture of AQD gate should be changed to another shot of AQD compound taken by drone.
5.14	Full names of AQD stations should be correctly reflected, <i>i.e.</i> Binangonan Freshwater <u>Station</u> , Dumangas Brackishwater <u>Station</u> , and Igang Marine <u>Station</u> .
6.48	Change the script in MFRDMD part, from "fishery management" to "fishery resources management"
8.42	Delete credits at the end ( <i>e.g.</i> narrator, script writer, VDO editing), as these people involved in the video production are all SEAFDEC staff
Others	Update photos of Department Chiefs ( <i>e.g.</i> IFRDMD and AQD), and remove or do not focus much on the photos of the previous SEAFDEC officials, <i>e.g.</i> AQD Chief
	Narration should be made by a professional talented person to make the video sound more neutral, especially based on accent of the narrator

24. As MFRD was not represented during the 17 ISP Meeting, the Secretariat would send the current version of Video to MFRD for comments. Based on comments of the 17 ISP Meeting and MFRD, TD should revise the video and submit the revised draft video to the Secretariat by 18 November 2016 to make it ready for showing at the next Department Chiefs' Meeting for comments.

## VI. OTHER INITIATIVES IN ENHANCING SEAFDEC ACTIVITIES AND VISIBILITY

### 6.1 Commemorating the 50<sup>th</sup> Anniversary of SEAFDEC

25. Regarding the SEAFDEC 50<sup>th</sup> Anniversary logo contest, which was conducted by the Secretariat for staff of SEAFDEC Secretariat and Departments to send their entries as candidate logos, five logo designs were shortlisted and submitted for final selection by the SEAFDEC Council. While informing the 17 ISP about the final selection of winning logos by the SEAFDEC Council during its 48<sup>th</sup> Meeting, the Secretariat took the opportunity to award the certificates of recognition and prizes to the winners during the 17 ISP Meeting. The winners of the logo contest are:

- 1<sup>st</sup> prize winner: *Ms. Suwanee Sayan* (Secretariat)
- 2<sup>nd</sup> prize winner: *Mr. Isidro Tendencia* (AQD)
- 3<sup>th</sup>-5<sup>th</sup> prize winner: *Mr. Kamtorn Sukhondhasup* (TD)



26. On the contents of a special Coffee Table Book initially bearing the banner title “Significantly Revolutionizing Southeast Asian Fisheries: A half-century journey of SEAFDEC” (**Annex 7**) which would be launched to commemorate the 50<sup>th</sup> Anniversary of SEAFDEC in 2017, the 17 ISP Meeting suggested that for the messages-greetings by collaborating organizations, only the key organizations that are currently having active collaboration with SEAFDEC should be included. Besides the organizations proposed in **Annex 7**, additional organizations should be included, *e.g.* ASEAN Secretariat, NACA, Kasetsart University, additional institutions in Japan. The 17 ISP Meeting also agreed that in the corresponding text of **Annex 7** and **Annex 8**, the phrase “collaborating partners” should be changed to “collaborating organizations.”

27. The 17 ISP Meeting took note of the concurrence of the 48<sup>th</sup> Meeting of the SEAFDEC Council in 2016 for SEAFDEC to organize a special event to commemorate its 50<sup>th</sup> Anniversary. Tentatively scheduled on 15-16 November 2017 in Pattaya, Thailand (subject to consultation with Thailand and SEAFDEC Council), the special event the details of which are elaborated in the Concept Proposal (**Annex 8**), a one-day event (*e.g.* High-level Consultation on development of Common ASEAN Fisheries Policy) would be organized to be followed by another one-day SEAFDEC anniversary celebration to ensure the participation of high-level officials to the special event. The 17 ISP Meeting noted that the Concept Proposal which would be refined for further discussion during the forthcoming Department Chief's Meeting.

## VII. DRAFT SOUTHEAST ASIAN STATE OF FISHERIES AND AQUACULTURE (SEASOFIA) 2017

28. With regards to the Southeast Asian State of Fisheries and Aquaculture (SEASOFIA), the first publication of which was issued in 2012, the 17 ISP Meeting noted the recommendations of the SEAFDEC Council that the publication should be produced every 5 years, and thus the second publication should be issued in 2017. It was reiterated that the SEASOFIA aims to provide better understanding of the status and trends of fisheries and aquaculture in the region. Thus, the SEASOFIA is not meant to report on SEAFDEC activities, but would focus on the regional scenario of various fisheries disciplines under the areas of expertise of the respective Departments.

29. After discussing the Draft SEASOFIA 2017 (**Annex 9**), the 17 ISP Meeting suggested that the draft texts including those contributed by the Departments for the SEASOFIA in terms of articles or write-ups need to be improved. The specific recommendations corresponding to the topics are shown in the following table:

### *Part 1. Status and Trends of Capture Fisheries and Aquaculture in SEA*

Topic	Comment
1. Global Production and Utilization of Fish	- <b>Figure 1:</b> the figure should reflect the fisheries production trend from global and regional levels (rather than on fish utilization)
2. Fishery Production of SEA	- <b>Topic 2:</b> text should be changed, e.g. “unavailability of statistics from Timor Leste” (the country may have the data but SEAFDEC had not accessed such data) should be modified as “Timor Leste may have data on its fishery statistics but SEAFDEC has no mandate to include the country’s statistics for this publication.”
3. Production from Marine Capture Fisheries of SEA	
3.1 Economically Important Species	
3.1.1 Tunas	- <b>Figure 4:</b> in the y-axis scale, digits (000,000) should rounded off so that the unit could be changed from “MT” to “million MT”
3.1.2 Small Pelagic Species (e.g. scads, mackerels, anchovies, sardines, etc.)	- <b>Table 9 (and other similar tables):</b> Country abbreviations should be standardized based on the accepted 2-alpha code
3.1.3 Crustaceans and Molluscs	- <b>Topic 3.1.1:</b> On tunas, the category of tuna species should be corrected, e.g. Albacore tuna is oceanic tuna, while long-tail tuna is neritic tuna and not tuna-like species.
3.1.4 Demersal Fish Species	
3.2 By Types of Fishing Fleets	
4. Production from Inland Capture Fisheries of SEA	- <b>Table 13:</b> title of table should be changed to “Total production quantity and value of <u>major</u> demersal species group”
5. Aquaculture Production of SEA	- <b>Table 19:</b> should include data on fishers and fish farmers from all AMSs ( <i>use data from respective countries’ most updated census with year of census appropriately indicated</i> )
5.1 Mariculture	
5.2 Brackishwater Culture	- <b>Table 38-41:</b> (on crocodile trade) should be deleted and replaced with data to be provided by AMSs ( <i>data to be requested from countries</i> )
5.3 Freshwater Culture	
6. Fish Processing Industry * <i>Subject to contribution from MFRD</i>	<u>Others:</u> - Make sure that the sources are indicated in all tables and figures - Running sequence of figures and tables should be reviewed and corrected accordingly
7. Fish Trade	
7.1 Global Trading of Fish and Fishery Products	- Tables should be moved to the end of Section I, and more graphs/charts should be reflected in the text.
7.2 Southeast Asian Export-Import of Fish and Fishery Products	



**Part 2. Issues and Challenges in Sustainable Fisheries Development of the Southeast Asian Region**

Topic	Comment
<b>1. Marine Fishery Resources</b> 1.1 Important Pelagic Fishery Resources 1.1.1 Tunas	
1.1.2 Scads 1.1.3 Mackerels 1.1.4 Anchovies 1.1.5 Sardines	- Inputs on scads, mackerels, sardines, should be rewritten, as the text is lifted from various published sources. Data on sardines should also include those from Indonesia and Philippines, as the species is economically important for these countries
1.2 Important Demersal Fishery Resources 1.2.1 Species as Raw Materials for Surimi	- Updated data on surimi raw materials is available, but data on surimi industry not indicated in the text ( <i>should request for relevant data from countries</i> )
1.2.2 Live Reef Food Fish Species	
1.3 Deep Sea/Offshore Fisheries Resources	- Text of article on deep sea/offshore fisheries resources should follow the required inputs as elaborated in the outline approved by the Council
1.3.1 Status and Trend	
1.3.2 Deep sea shrimps	
1.3.3 Oceanic squids	
1.4 Challenges and Future Direction	
<b>2. Inland Fishery Resources</b>	- Article input should be accompanied with available figures in order that the importance of inland capture fisheries is reflected and becomes more visible, <i>e.g.</i> percentage of contribution from the region's inland capture fisheries to the world's inland capture fisheries, statistics data from part 1, etc.
2.1 Status, Issues and Concerns	
2.1.1 Inland Fisheries for Food Security and Poverty Alleviation	
2.1.2 Data/Information Collection on Inland Fisheries	
2.1.3 Extract of Priority Issues from Different Countries/Areas	
2.1.4 Impacts of Water Barrier Construction on Inland Fisheries	
2.1.5 Inland Fisheries <i>vs.</i> Aquaculture	- Change the title from “inland fisheries <i>vs.</i> aquaculture” to “inland <u>capture</u> fisheries <u>compared with</u> aquaculture”
2.2 Challenges and Future Direction	
2.2.1 Habitat Conservation	
2.2.2 Negative Effect of Freshwater Aquaculture	- This section was maintained as it appeared in SEASOFIA 2012, but the write-up should be changed to also cover how new aquaculture technologies could mitigate the impacts of aquaculture on inland capture fisheries. Departments should provide any available information on this aspect

<b>3. Species Under International Concern</b>	
3.1 Sharks and Rays	<ul style="list-style-type: none"> <li>- Text of the article should focus more on status of the species and issues in the overall, without giving too much details on CITES</li> <li>- Should avoid negative expression such as “lack of data and information,” by making the sentence more positive, <i>e.g.</i> expressing the need to improve collection of data and information</li> <li>- Text of article should avoid mentioning that sharks and rays are endangered, as this would result in negative impact on the region’s fisheries, but should mention that NPOA-Sharks have been developed by the respective AMSs</li> <li>- The two articles submitted on sharks and rays should be combined and unified into a single article</li> </ul>
3.2 Eels	<ul style="list-style-type: none"> <li>- Should include the policy recommendations for conservation and sustainable utilization of eels</li> <li>- Should avoid negative expression on lack of data and information by making the sentence more positive, <i>e.g.</i> expressing the need to improve collection of data and information</li> <li>- Information on illegal trading of eels should be deleted</li> </ul>
3.3 Sea Turtles	<ul style="list-style-type: none"> <li>- Although there is no more on-going project that could serve as source of data on turtle by-catch, data from the regional project on sea turtles (completed in 2013) should still be used</li> <li>- Information on regulations of the respective AMSs to reduce sea turtle by-catch and situation on sea turtle stock should be provided</li> <li>- Should avoid negative expression on lack of data and information by making the sentence more positive, <i>e.g.</i> expressing the need to improve collection of data and information</li> </ul>
3.4 Sea Cucumbers	<ul style="list-style-type: none"> <li>- Text should be summarized and shortened, and as much as possible, without reflecting progress report of AQD projects</li> </ul>
3.5 Seahorses	<ul style="list-style-type: none"> <li>- Text should be summarized and shortened, and as much as possible, without reflecting progress report of AQD projects</li> </ul>
3.6 Coral Reef Ornamental Species	<ul style="list-style-type: none"> <li>- Text should be summarized and shortened, , and as much as possible, without reflecting progress report of AQD projects</li> </ul>
3.7 Challenges and Future Direction	
<b>4. Utilization of Fishery Resources</b>	<ul style="list-style-type: none"> <li>- Input for this topic is only on “traceability of aquaculture products” which does not cover all the aspects on utilization of fish</li> </ul>
4.1 Status, Issues and Concerns	
4.2 Challenges and Future Direction	<ul style="list-style-type: none"> <li>- Article on traceability is too long, and should not focus on SEAFDEC activities but more on the regional situation</li> </ul>
<b>5. Fishery Management</b>	<ul style="list-style-type: none"> <li>- Topic 5.1.1 Should be changed from “Stock Assessment” to “Status and trends of resources in the region”</li> </ul>
5.1 Management of Fishing Capacity and Combating IUU Fishing	<ul style="list-style-type: none"> <li>- Topic 5.1.2: redundant information on RFVR in different pages should be rewritten and as much as possible combined and unified</li> </ul>
5.1.1 Stock Assessment	
5.1.2 Fishing Vessel Registration and Fishing Licensing	<ul style="list-style-type: none"> <li>- Topic 5.1.4: Box 1-3 (page 96-101) should be deleted.</li> </ul>
5.1.3 Traceability of Capture Fisheries (including Certification)	
5.1.4 Port Monitoring and Port Inspection	

5.1.5 MCS Systems and Network 5.1.6 Legal and Institutional Matters 5.1.7 Transboundary Issues 5.1.8 Other Management Measures ( <i>e.g.</i> zoning, seasonal prohibition, etc.)	
5.2 Management of Inland Capture Fisheries	- End of Paragraph 4 on application of EAFM: to be changed from “it is also expected to apply to the inland fisheries <u>successfully</u> .” to “it is also expected to apply to the inland fisheries <u>as appropriate</u> ”
5.3 Responsible Fishing Practices 5.3.1 By Catch Reduction and Management	
5.3.2 Optimizing Energy Use in Fisheries	
5.3.3 Reducing the fossil fuel use and Carbon emission	
5.4 Community-based Fishery Management Approach in the SEA Region	- Text on EAFM under this topic should be moved/integrated with topic 5.5 on Application of EAFM for Fisheries Management
5.5 Application of EAFM for Fisheries Management	- Article should avoid giving too much emphasis on EAFM, and information (length of article) should be balanced with the topic on co-management - Information that report on SEAFDEC activities on EAFM should be removed - Sentence concerning development of EAFM LEAD material could be added.
5.6 Habitats Protection and Coastal Fishery Resources Enhancement	- Box on policy recommendations (Page 123-129) should be shortened by summarizing the contents and reflect the essence into short paragraph(s).
5.7 Challenges and Future Direction	
<b>6. Aquaculture Development</b>	
6.1 Control and Prevention of Present and Emerging Transboundary Aquatic Animal Diseases	- Text should be summarized and shortened, and as much as possible, without reflecting progress report of AQD projects
6.2 Overcoming the Fish Meal Dependence in Aquaculture	- Text should be summarized and shortened, and as much as possible, without reflecting progress report of AQD projects
6.3 Producing and Distributing Good Quality Seed	- Text should be summarized and shortened, and as much as possible, without reflecting progress report of AQD projects
6.4 Producing Safe and Quality Aquaculture Products	- Text should be summarized and shortened, and as much as possible, without reflecting progress report of AQD projects

6.5 Addressing Environmental Concern Due to Intensification of Aquaculture and Climate Change	- Data in Figure 4 (figure lifted from IPCC) is outdated, <i>e.g.</i> until 2000. Graph showing more updated information would be appropriate to be consistent with the period of data covered in tables and other figures in the text
<b>7. Vulnerability of Fisheries to Climate Change and Natural Disasters</b>	- Article is too theoretical and based on the situation in the northern hemisphere rather than on tropical conditions - Article should cite specific examples of initiatives undertaken by AMSs in raising the awareness of people on the impacts of climate change and enhancing people’s preparedness in adapting to climate variability to reflect the real situation on the issue of climate change in the region, <i>e.g.</i> study in the Philippines by NFRDI, or in Chanthaburi, Thailand (published in SP), study on impacts of rising sea temperature that caused changes in migration route of mackerels in Malaysia (recently presented by MFRDMD Chief), etc.
<b>8. Fisherfolks, and Workers in Fishing Activities</b>	
8.1 Safety at sea, working condition and safety on-board of fishing vessels	- On labor, article should also cite examples why labor in fisheries is becoming important issue to be addressed in the region ( <i>e.g.</i> during RTC, there were reported cases of vessels apprehended in other countries where the crew were imprisoned or held captive in such countries) - On safety at sea, the article is too long and thus should be shortened, but should also mention SEAFDEC initiative in translating the FAO-IMO-ILO GL on Safety at Sea for 12 meters long fishing vessels into 5 national languages of the AMSs.
<b>9. Competition on use of water resources with other sectors</b>	- This topic should not focus on inland fisheries only but also on the conflicts on the use of marine resources with other sectors - Additional information on competition of the use of marine resources should be included
-	<b>General Comments and Suggestions:</b> - Copying of article texts especially from SP ( <i>Fish for the People</i> ) should be avoided although summarized/rewritten format of such texts could be included but with references made to relevant articles in SP. - If article makes use of results derived from SEAFDEC activities/projects, such results should be summarized and not copied <i>in toto</i> , with corresponding references made to such SEAFDEC activities/Projects - Indicate the corresponding references to sources of data and information in every table and figures, and provide corresponding list of references

### ***Part 3. Outlooks of Fisheries and Aquaculture for the Southeast Asian Region***

<b>Topic</b>	<b>Comment</b>
Outlooks of Fisheries and Aquaculture for the Southeast Asian region	- On EAFM, the sentence should be changed to “... to ensure long-term sustainable uses of fisheries resources. It is envisaged that the EAFM could be one of the methods beneficial for the region...” - Sub-title on “combating IUU fishing” should be added - Paragraph “In response to declination (change to <i>decline</i> ) of fishery resources and such requirements ...” (in page 2) should be moved after paragraphs that elaborate the regional directions toward combating IUU fishing - On ACDS, the development of ACDS has taken into consideration the requirement of <u>RFMOs</u> , the EU, and U.S.

30. The key persons assigned by Departments responsible for the topics are requested to compile and finalize inputs for their respective topics, taking into consideration the required contents as outlined in the structure approved by the SEAFDEC Council. The final article inputs should be submitted to the Secretariat by 7 November 2016 for compilation and submission to the next PCM.

### **VIII. HOSTING ARRANGEMENTS FOR THE 18 ISP MEETING**

31. The year 2017 would be MFRD's turn to host the ISP Meeting in Singapore based on the agreed rotational arrangement to host ISP Meetings by the Departments. However, the 17 ISP Meeting was informed on the exchange of communication between the Secretariat and MFRD, where MFRD informed the Secretariat that the MFRD office has moved out from the Post-Harvest Technology Centre (PHTC) of AVA in Singapore. In this connection, with MFRD hosting the next ISP Meeting, it is likely that very limited logistic support could be provided to the participants, *e.g.* airport pick-up, excursion programs. Nevertheless, the 17 ISP Meeting reiterated that ISP Meetings would be hosted by SEAFDEC Departments on rotation basis in alphabetical order as previously agreed upon, and viewed that MFRD should continue to host the 18 ISP Meeting in 2017 in Singapore, despite the expected additional costs that may be incurred by the organizers in terms of meeting arrangements. The Secretariat was therefore requested to consult with MFRD and seek their confirmation on this matter during the forthcoming Department Chiefs' Meeting.

### **IX. CONCLUSION AND RECOMMENDATIONS**

32. The conclusion and recommendations included in this Report of the 17<sup>th</sup> Meeting of the SEAFDEC Information Staff Program were adopted on 27 October 2016. The Secretariat was asked to follow up with the Departments on their progress with respect to such conclusion and recommendations. This would ensure that the programs and projects of SEAFDEC are enhanced and the visibility of SEAFDEC is amplified.

### **X. CLOSING OF THE MEETING**

33. The Deputy Secretary-General of SEAFDEC, *Dr. Kaoru Ishii* expressed his appreciation to the participants for their productive inputs that allowed the 17<sup>th</sup> ISP Meeting to achieve its objectives paving the way for improving the information-related activities and enhancing the visibility of SEAFDEC. He commended the efforts of the Secretariat and Departments in preparing the inputs for the Draft SEASOFIA and encouraged the staff to continue exerting efforts to come up with information on the status and trends of fisheries that could support science-based management of fisheries in the region. He also looked forward to the celebration of the 50<sup>th</sup> Anniversary of SEAFDEC as this would mark the very important historical period of SEAFDEC although the proposal regarding the event celebration would still be discussed and finalized during the forthcoming Meeting of SEAFDEC Department Chiefs. He then expressed the appreciation to IFRDMD as well as to the Ministry of Marine Affairs and Fisheries of Indonesia for their support and for hosting this ISP Meeting in Indonesia, and declared the 17<sup>th</sup> ISP Meeting closed.