



PROSPECTUS

THE REGIONAL TRAINING/WORKSHOP ON IDENTIFICATION OF DEEP-SEA FISH

SEAFDEC/TD, SAMUTPRAKAN, THAILAND
18 – 22 JANUARY 2010

1) Background

SEAFDEC are currently supporting investigation of deep-sea fishery resources in the Southeast Asian Waters in close collaboration with the Member Countries. Since the year 2008, the results from the actual fishing trial of the deep-sea beam trawl and IKMT (Isac-Kid Mid-Water Trawl) onboard M.V. SEAFDEC 2 at the Andaman Sea of Thailand in 2008; and resources exploration at Brunei Darussalam Waters during 2008 and 2009; and at Lingayen Gulf, the Philippines aboard M.V. DA-BFAR in 2008 were successful surveyed, including collection of the deep-sea species and recorded fishing ground information. At the same time, collaboration and coordination with other relevant initiatives has been enhanced for exchange of information and expertise on the topic related to deep-sea resources exploration. In this regard, the human resources capacity building programs on the identification of deep-sea resources will be provided to the Member Countries in order to encourage them on the initiation of deep-sea resources exploration/utilization in the perspective of the international concerns on the ecosystem-based approach for sustainable management and development of deep-sea fisheries.

In this program the following key tasks are set to:

- 1.1 Enhance the human resources capacity on deep-sea fish species identification
- 1.2 Encourage the SEAFDEC's member countries on the initiation of deep-sea resources exploration with ensuring accurate deep-sea fishes identification
- 1.3 Support the national resources survey and investigation of the deep-sea trawling impacts on sea-bottom ecosystem program through the identification of deep-sea species composition.

2) Envisaged outcomes of the Training

- 2.1 To enhance participants' ability in deep-sea fish identification;
- 2.2 To enhance participants' ability in practical works, including specimen measurement, counting, describes morphological characters of the deep-sea fishes collected from the actual survey;
- 2.3 To complete information on the deep-sea fish species distributed in the Southeast Asian Waters

3) Content of the Training

This Workshop provides the comprehensive knowledge on identification of deep-sea demersal fish with an emphasis on the species found in the South China Sea and Andaman Sea. The training will provide participants the ability to identify species commonly captured



at the depth between 100 and 900 m through morphology and habitat preferences, as well as traditional methods. With five days of in-class identification experience, presentations and hands-on lab exercises will familiarize participants with the characteristics that are used in distinguishing families, genera, and/or to the lowest taxa. It will also develop participant's skills of counting, measuring, and examining the pertinent external anatomical structures that are necessary to use keys to deep-sea fish.

4) Time and Venue:

The training course will be held at SEAFDEC's Training Department in Samut Prakan, Thailand from 18 to 22 January 2010. Accommodation for course participants will be provided at SEAFDEC's dormitory located immediately adjacent to the Training Department offices.

5) Target Participants:

The workshop is designed primarily for taxonomist, field biologist, and/or person who involves with the deep-sea fish identification. Participants should have some basic knowledge on fishery biology and/or taxonomy. An understanding of fish biology and marine ecosystem would be helpful.

6) Tentative Program:

Date/Program	Details of Activity/Topic
Day 1, 17 January (Sunday)	
	Participants arrive at SEAFDEC Training Department, Samutprakan, Thailand
Day 2, 18 January (Monday)	
	Opening Ceremony and Introduction to the workshop
Presentation (in brief)	Presentation of each participants on their background and/or current study on deep-sea fishes
Lecture	Fish Morphology and the Identification of Deep-Sea Fishes (an emphasis on those found in the South China Sea and the Andaman Sea)
Day 3, 19 January (Tuesday)	
Exercises	Fish Identification practice in Laboratory
Day 4, 20 January (Wednesday)	
Exercises	Fish Identification practice in Laboratory
Day 5, 21 January (Thursday)	
Exercises	Fish Identification practice in Laboratory
Day 6, 22 January (Friday)	
Exercises	Fish Identification practice in Laboratory
Discussion/Conclusion	Discussion and conclusion on the results of the works from



Date/Program	Details of Activity/Topic
	laboratory practice
	Closing ceremony
Day 5, 23 January (Saturday)	
	Participants leave SEAFDEC/TD for home countries

9) Contact person:

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