



# SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER

## TRAINING DEPARTMENT

### OFFICE MEMORANDUM

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**TO** : SG/TDC  
**FROM** : Mr. Sukchai Arnupapboon, Project leader *Sukchai A*  
**SUBJECT** : Request to organize the workshop on Workshop on Abundance Estimation of Marine Debris Using Pier Monitoring Data  
**DATE** : 30 August 2023  
**ENCLOSED** : i. Approval of the JTF budget  
ii. Provisional Prospectus  
**CC** : DSG/DTDC, All-Division Heads, AJTF and SDC

With reference to the project of Sustainable Utilization of Fisheries Resources and Resources Enhancement in Southeast Asia: SEAFDEC/TD plan to organize Workshop on Abundance Estimation of Marine Debris Using Pier Monitoring Data during 23-24 September 2023 at SEAFDEC/Sec. The workshop is aimed at analyzing marine debris observation data.

In this connection, I would like to request SG kind approval to organize the workshop with the total amount of USD 3,000, and please approval of staff concern namely are as follows;

#### SEAFDEC/TD

Mr. Sukchai Arnupapboon  
Dr. Supamong Pattarapongpan

#### SEAFDEC/SECRETARIAT

Mr. Takatsugu Kudoh  
Ms. Patompon Putpipat  
Mr. Witsarut Choseng

Your kind consideration and approval would be highly appreciated.



**SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER**  
**TRAINING DEPARTMENT**  
**INTERNAL MEMORANDUM**

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**TO** : JTF manager through PPMDH  
**FROM** : Mr. Sukchai Arnupapboon, project leader  
**SUBJECT** : Request approval for organizing workshop  
**Date** : 22 Aug 2023

*Dr. Yomoko*  
*Sukchai*

I would like to organize “Workshop on abundance estimation of marine debris using pier monitoring data” on 23 to 24 September 2023 in SEAFDEC secretariat, Thailand.  
The aim of the workshop is to analyze the marine debris observation with obtained by the staffs of TD.

In this regard, I would like to request your kind consideration and approval of “Workshop on abundance estimation of marine debris using pier monitoring data” with **3,000USD** from “Sustainable Utilization of Fisheries Resources and Resources Enhancement in Southeast Asia” activity 1.5.

An estimated budgetary requirement for the meeting is as follows;

1) Airfare	= 1,500 USD
<i>(Dr. Kitakado will participate JAIF eel workshop in Indonesia from 25<sup>th</sup> September. Therefore, JTF has to cover only the airfare from Japan to Bangkok. Since Dr. Kitakado engage SEAFDEC activity at least more than 10 continues days, I would like to ask your kind consideration for his seat upgrade.)</i>	
2) DSA	= 580 USD
3) Accommodation+ meeting package	= 682 USD
4) Transportation	= 100 USD
5) Driver’s OT and Miscellaneous	= 138USD
<b>Total</b>	<b>= 3,000 USD</b>

Your kind consideration will be highly appreciated.

28th, Aug, 2023  
approved

*Dr. Yomoko*



## PROSPECTUS

### **“Workshop on abundance estimation of marine debris using pier monitoring data” on 23 to 24 September 2023 SEAFDEC secretariat**

#### **I. BACKGROUND**

Marine plastic debris was one of the environmental problem in the global level and within ASEAN region. 80% of marine debris comes from no good management of land waste and it can transport to ocean by oceans currents.

Thailand is one of top 10 countries releasing debris to the ocean even Thai Government initiated the campaigns for reduce the plastic utilization. The Gulf of Thailand is bordered by Cambodia, Viet Nam and Thailand and connected with the South China Sea. The monitor on marine plastic debris by survey in the whole Gulf of Thailand is not easy because its large area and insufficient budgetary.

Debris outflow from river is the major origin of marine debris in the Gulf of Thailand. Therefore, the development of numerical modeling to estimate marine debris outflow is the one good strategy to solve and predict the marine plastic debris situation in the Gulf of Thailand.

SEAFDEC/TD have initiated to develop the floating debris numerical model by correcting the floating marine debris data in Chao Phraya river by visual observation record since 2021 under SEAFDEC departmental program. Anyhow, TD still have less knowledge and experience to develop the model. We need to have support from numerical specialist.

With that, SEAFDEC/TD plan to organize the Workshop on abundance estimation of marine debris using pier monitoring data with inviting Prof. Toshihide Kitakado to be resource person to support TD researcher to review and analyze the data and develop the floating marine debris numerical model.

If a method for analyzing data and developing model can be established, it will be possible to disseminate this method throughout the ASEAN region and contribute to research on marine litter in the region in advance.

#### **II. OBJECTIVES**

To review and analyze the data obtained by TD staff

To develop the floating marine debris model

If a method for analyzing data and developing model can be established, seek the method for dissemination.

#### **III. DATE AND VENUE**

This meeting will be held on September 23-24, 2023 at SEAFDEC secretariat, Thailand.

#### **IV. EXPECTED PARTICIPANTS**

##### **SEAFDEC/SECRETARIAT**

1. Mr. Takatsugu Kudoh
2. Ms. Patompon Putpipat
3. Mr. Witsarut Choseng

##### **SEAFDEC/TD**

1. Mr. Sukchai Arnupapboon
2. Dr. Supapong Pattarapongpan

##### **TOKYO UNIVERSITY OF MARINE SCIENCE AND TECHNOLOGY**

1. Prof. Dr. Toshihide Kitakado

**V. PROVISIONAL AGENDA**

Date	Time	Agenda	Remark
22 SEP 2023	TBC	Prof. Dr. Kitakado arrive in Bangkok, Thailand	Hotel TBC
23 SEP 2023	09.00–16.00	The meeting on data analysis	
24 SEP 2023	09.00–16.00	The meeting on data analysis	
25 SEP 2023	TBC	Mr. Kudoh, Ms. Patompon Prof. Dr. Kitakado move to IFRDMD under JAIF budget	