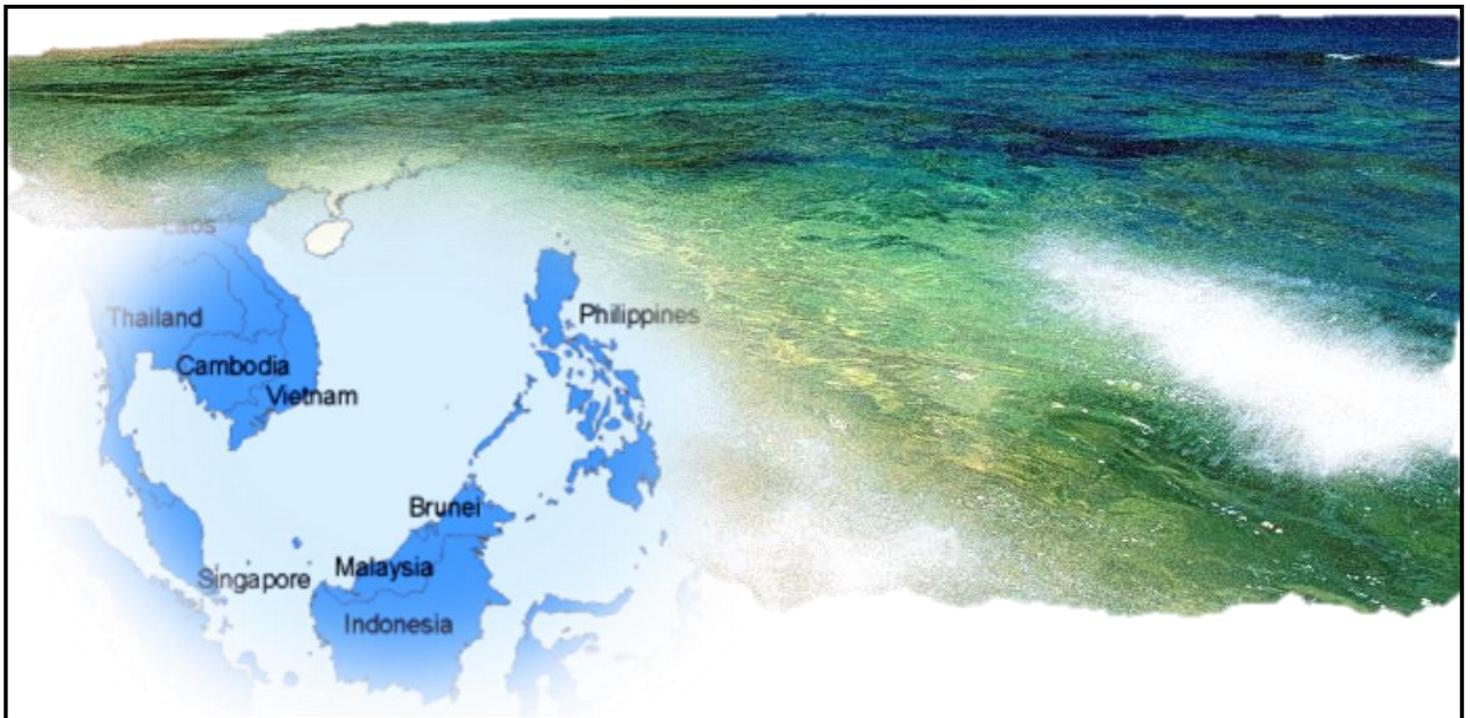


---

**Set-up of a Professional Master's program on Tropical Marine Ecosystems Management (TMEM), a Tri-Campus offering of the University of the Philippines**

**YEAR 3 ANNUAL REPORT**

OCTOBER 24, 2013 – OCTOBER 23, 2014



A document by the Marine Environment and Resources Foundation, Inc. (MERF) for USAID as part of its Cooperative Agreement No. AID-492-A-12-00001

**Set-up of a Professional Master's program on Tropical Marine Ecosystem Management (TMEM), a Tri-Campus offering of the University of the Philippines**

**Year 3 Annual Report  
October 24, 2013 – October 23, 2014**

**Submitted to:**

Rebecca Guieb, Agreement Officer's Technical Representative (AOTR), USAID Philippines  
Randy Vinluan, Alternate AOTR

**Submitted on:**

December 15, 2013

**Submitted for:**

Cooperative Agreement No. AID-492-A-12-00001

Period covered: October 2011 – April 2016

Implemented by: Marine Environment and Resources Foundation, Inc. (MERF)

Marine Science Institute Building, Velasquez St. University of the Philippines Campus,  
Diliman, Quezon City 1101, Philippines; Telefax no. (632) 922-3962

Project Leader: Porfirio Alexander M. Aliño

Email: [alinoperry018@gmail.com](mailto:alinoperry018@gmail.com)

*This document is produced for review by the United States Agency for International Development/Philippines*

# Table of Contents

---

<b>ACRONYMS</b> .....	<b>5</b>
<b>EXECUTIVE SUMMARY</b> .....	<b>7</b>
<b>ACCOMPLISHMENT VIS-À-VIS GOALS</b> .....	<b>8</b>
<b>1.1 Objectives Established for Year 3</b> .....	<b>8</b>
1.1.1 To establish the Professional Master’s in Tropical Marine Ecosystem Management, a postgraduate academic program at the University of the Philippines, with Marine Protected Areas as the initial Area of Specialization .....	8
1.1.2 Implementation of the PM-TMEM program .....	10
1.1.3 Networking with CRM/TMEM professionals and institutions in line with program support and partnerships.....	10
<b>1.2 Accomplishments According to the Objectives Established for Year 3</b> .....	<b>10</b>
1.2.1 To establish the Professional Master’s in Tropical Marine Ecosystems Management, a postgraduate academic program at the University of the Philippines, with Marine Protected Areas as the initial Area of Specialization .....	10
1.2.3 Implementation of the PM-TMEM program .....	43
1.2.4 Networking with CRM/TMEM professionals and institutions in line with program support and partnerships (January – September 2014).....	44

## LIST OF TABLES

Table 1. Overview of the proposed trisemestral calendar for the inter-CU PM-TMEM program, Academic Year 2014-2015.....	20
--	----

## LIST OF FIGURES

Figure 1. Review and approval process of Tuition Fee Proposals at the UP CU and System levels .....	22
---	----

## LIST OF ANNEXES

Annex 1. UP Board of Regents' approval of the PM-TMEM curriculum, 30 June 2014 .....	46
Annex 2. Inter-CU group picture after the PM-TMEM curricular approval by the UP-AAC .....	49
Annex 3 . <i>The PM-TMEM: Program Establishment and Sustainability Workshop</i> 10-11 January 2014 .....	51
Annex 4. PM-TMEM Harmonization Workshop UP Marine Science Institute, 31 March 2014 .....	70
Annex 5. Marketing material.....	75

# ACRONYMS

---

AAC	Academic Affairs Committee
AAUK	Alpen Adria University of Klagenfurt
AOTR	Agreement Officer Technical Representative
ASEAN	Association of Southeast Asian Nations
BoR	Board of Regents
CA	College Assembly
CC	Curriculum Committee
CEB	College Executive Board
CFOS	College of Fisheries and Ocean Sciences
CRM	Coastal Resource Management
CS	College of Science
CSSP	College of Social Science and Philosophy
CT	Coral Triangle
CU	Constituent University
EBM	Ecosystem-Based Management
FPOC	Fiscal Policy and Operations Committee
GAAC	Graduate Academic Affairs Committee
GS	Graduate School
ICM	Integrated Coastal Management
IFPDS	Institute of Fisheries Policy and Development Studies
LGU	Local Government Unit
LOE	Level of Effort
MERF	Marine Environment and Resources Foundation, Inc.
MOU	Memorandum of Understanding
MPA	Marine Protected Area(s)
MSc	Masters in Science
MSI	Marine Science Institute
OSU	Office of the Secretary of the University
OUR	Office of the University Registrar
PAC	Presidential Advisory Council
PEMSEA	Partnerships in Environmental Management for the Seas of East Asia
PM	Professional Masters
PMC	Presidential Management Council
PM-TMEM	Professional Masters in Tropical Marine Ecosystem Management
SEA	Southeast Asia
SESAM	School of Environmental Science and Management
SR	Student Regent
TME	Tropical Marine Ecosystem
TMEM	Tropical Marine Ecosystem Management
UC	University Council
UP	University of the Philippines
UP-CSSP	UP College of Social Science and Philosophy
UPD	UP Diliman

UPLB	UP Los Baños
UP OVCAA	UP Office of the Vice Chancellor for Academic Affairs
USC	University Student Council
OVPAA	Office of the Vice President for Academic Affairs
UPV	UP Visayas
VCAA	Vice Chancellor for Academic Affairs
VCI	Vice Chancellor for Instruction
VPA	Vice President for Administration
VPAA	Vice President for Academic Affairs
USAID	United States Agency for International Development

# Executive Summary

---

The institutionalization process of the proposed Professional Master's in Tropical Marine Ecosystems Management (PM-TMEM) program within the University of the Philippines (UP) System - an Inter-Constituent University (CU) collaboration of the Marine Science Institute of the College of Science (MSI-CS) of UP in Diliman (UPD); the School of Environmental Science and Management (SESAM) and College of Forestry and Natural Resources (CFNR) of the Graduate School of UP Los Baños (GS-UPLB); and the Institute of Fisheries Policy and Development Studies (IFPDS) of the College of Fisheries and Ocean Sciences of UP Visayas (CFOS-UPV) – was a major focus of activities within the year. Major milestones consisted of the endorsement of the program by curriculum committees at various levels within the CUs and by the Academic Affairs Committee (AAC) and the Presidential Advisory Council (PAC) at a UP System-wide level. The PM-TMEM curricular proposal received definitive approval by the UP Board of Regents (BoR) on 30 June 2014.

The approval of its tuition fees, which were higher than the regular schemes of UP graduate programs, required a longer process, resulting in the adjustment of the PM-TMEM's program commencement to January 2015. The UP system process required more consultations and require remedial measures to overcome the infrequent periodicity of meetings by the UP System Fiscal Policy and Operations Committee (S-FPOC). The PM-TMEM tuition review was scheduled for the UP BoR meeting to be held yet by end of October 2014. Approval of the tuition fees is still pending.

Through the course of the review and approval of the PM-TMEM curriculum, the inter-CU Coordinating Body held work sessions to harmonize the various recommendations from the curriculum committees of the 3 CUs and firm up inter-CU administrative processes involved in program implementation. The *PM-TMEM: Program Establishment and Sustainability Workshop* was held on 10-11 January 2014 in preparation for the series of University Council Curriculum Committees (UC-CC) reviews in all CUs. A workshop was held in March 2014 to harmonize the recommendations from the various curriculum committees to: i) initiate discussions for inter-CU financial processing; ii) admission procedures especially for international students; and lii) capacity building of TMEM faculty. An inter-CU TMEM Management Committee meeting was held by the end of June 2014 for agreements on details of administrative arrangements.

Regarding program sustainability efforts, the PM-TMEM curricular approval granted by the respective University Councils (UC) of the collaborating CUs, enabled the initial implementation of the long-term sustainability plan in terms of scholarship support and building up of the next cycles operational implementation mechanisms. Meetings were held with two national agencies, the Department of Environment and Natural Resources (DENR) in May 2014 and the Bureau of Fisheries and Aquatic Resources (BFAR) in July 2014. Meetings were also held with two (2) major private foundations i.e. the Petron Foundation (5 scholarships) and the San

Miguel Foundation (3 scholarships) for their sponsorship of PM-TMEM scholarships. The budget for a total of eight (8) full scholarships was approved by the management body of both foundations. Discussion and reviews of the draft Memorandum of Agreement (MOA) were initiated in September 2014 and is still ongoing.

A PM-TMEM Course Teaching workshop was held in July 2014 among the course coordinators and some course team members to put details on the teaching plans, identify team members, teaching approach, and logistics for the various TMEM courses. A follow-up PM-TMEM Course Teaching workshop was held in August 2014 among the various course teams to ensure continuity and flow between courses and determine the complementarity of identified areas of convergence.

The program's approval in April 2014 by the the University Councils of the three (3) CUs enabled soft marketing of the program for student recruitment. Program announcements for the solicitation of letters of intent and curriculum vitae from interested parties were released. These were circulated through electronic mail and flyers were distributed through major field training programs with TMEM practitioners, and through meetings participated by the program proponents of the 3 CUs. With the approval of the PM-TMEM curriculum by the UP BoR in June 2014, brochures were circulated on a limited mode as the pending approval of the tuition fees prevented the full public announcement of the program.

## Accomplishment vis-à-vis Goals

---

### 1.1 Objectives Established for Year 3

#### 1.1.1 To establish the Professional Master's in Tropical Marine Ecosystem Management, a postgraduate academic program at the University of the Philippines, with Marine Protected Areas as the initial Area of Specialization

##### 1.1.1.1 Institutionalization of the new academic program through its approval by various review bodies within the UP System (March - Oct 2013)

- i) At the level of the UP System and CU level

- Academic Affairs Committee (November 2013)
  - Presidential Advisory Council (December 2014)
- ii) At the level of the various CUs (October 2013 to March 2014)
- UP Los Baños (Graduate School Faculty; UC-CC; UC)
  - UP Visayas (Graduate Program Council; UC-CC; UC)
  - UP Diliman (UC-CC; UC)
- iii) At the level of the UP System, post- UC approvals (November-December 2013)
- Curricular Proposal -Board of Regents
  - Academic Calendar; revised calendar
  - Program Tuition Fees

#### **1.1.1.2 Establishment of institutional arrangements among collaborating CUs**

- i) Inter-CU meetings and (October – November 2013)
- ii) Program Implementation Workshop and initial Strategic Planning (January 2014) and other Inter-CU Management Workshops

#### **1.1.1.3 Establishment of financial sustainability mechanisms (January – June 2014)**

- i) Tapping of fund development and marketing consultants in line with the development of a business plan (January 2014)
- ii) Exploratory meetings with potential program partners for program Sponsorships or scholarships (January – June 2014)
- iii) Preparation of research grant proposals (January to March 2014)

#### **1.1.1.4 Preparation of teaching materials for the program courses (Oct 2013 – June 2014)**

- i) Organizatin of course teaching workshop for the preparation of teaching materials (July 2014)

## **1.1.2 Implementation of the PM-TMEM program**

### **1.1.2.1 Marketing of the program (January to June 2014)**

## **1.1.3 Networking with CRM/TMEM professionals and institutions in line with program support and partnerships**

### **1.1.3.1 To network with CRM/MPA professionals ; individuals who can potentially be tapped for the program (January to June 2014)**

### **1.1.3.2 To network with LGUs having jurisdiction over MPA sites included in the program; other related institutions who can potentially be tapped to collaborate/support the program (January to June 2014)**

## **1.2 Accomplishments According to the Objectives Established for Year 3**

### **1.2.1 To establish the Professional Master's in Tropical Marine Ecosystems Management, a postgraduate academic program at the University of the Philippines, with Marine Protected Areas as the initial Area of Specialization**

#### **1.2.2.1 Institutionalization of the new academic program through its approval by various review bodies within the UP System (March - Oct 2013)**

- l) At the level of the UP System prior to University Council reviews (November to December 2013)**

#### **Academic Affairs Committee (AAC)**

The PM-TMEM review by the AAC was held on November 7, 2013. All proponents of the Inter-CU PM-TMEM program were well-represented, with each CU team consisting of the proponents' respective Deans and Directors. It was attended by the following:

*UP-Diliman*

Dr. Jose Maria P. Balmaceda, Dean - College of Science

Dr. Marie Antonette Juinio-Meñez , Director - UPMSI Director

Dr. Laura T. David, Deputy Director for Instruction - UPMSI  
Dr. Porfirio M. Aliño, Deputy Director for Research - UPMSI

*UP-Los Baños*

Dr. Jose V. Camacho, Jr. - Dean, Graduate School  
Dr. Leonardo M. Florece – Dean, School of Environmental Science and Management (SESAM)  
Dr. Mark D.M. Arboleda – SESAM  
Dr. Mutya Ma. Q. Manalo – College Secretary, College of Forestry & Natural Resources (CFNR)  
Prof. Pastor L. Malabrigo – CFNR

*UP-Visayas*

Dr. Crispino A. Saclauso, Dean - College of Fisheries and Ocean Sciences (CFOS)  
Dr. Jose P. Peralta – Director – Inst. of Fisheries Policy and Dev't Studies  
Dr. Carlos C. Baylon - Previous Dean, CFOS  
Dr. Nathaniel C. Añasco – Previous Director of Inst. of Marine Fisheries and Oceanology (IMFO)

The meeting was presided by Vice President for Academic Affairs Dr. Gisela P. Concepcion. A brief presentation on the PM-TMEM was given by Dr. Laura David, the Deputy Director for Instruction of the MSI. The following were the highlights of the meeting based on the queries of the panel consisting of the Vice Chancellors (VC) for Academic Affairs and VCs for Research and Extension from the entire UP System:

- Most of the discussion focused on the mechanics of the Inter-CU program implementation. Students enrolled in the participating CUs will form one class and attend the lectures and field classes together. The classroom venues will be roving among the collaborating CUs, depending on the proximity of the MPA demonstration sites of the courses.
- The proponents of PM-TMEM are still encouraged to foster among TMEM professionals, the dissemination of best practices or TMEM development in the applied sciences through publication outputs. These constitute important contributions to society.
- There was discussion on the distinction between a Professional Master's and *Master's* program. A number of post-graduate programs abroad develop the Professional Master's as a preparation for individuals in fields that require a professional license. The PM-TMEM body explained that the program title gives emphasis to the target market of the program, consisting of practitioners.

At the end of the open forum, the approval by the AAC was unanimous with no revisions recommended.

### **Presidential Management Committee**

The VP for Academic Affairs, Dr. Gisela Concepcion, presented the PM-TMEM program proposal to the Presidential Management Committee in their meeting held November 27, 2013. The Committee consists of all the UP Vice Presidents and the Secretary of the UP System. The proposal was endorsed for inclusion in the agenda of the PAC meeting in December 2013.

### **Presidential Advisory Council, 16 December 2013**

The PAC Review of the PM-TMEM proposal was held on 16 December 2013 from 3:00 to 4:00 pm at the Quezon Hall, UP Diliman. The PAC consisted of the UP President, Vice Presidents, Secretary of the UP System, and Chancellor of all the CUs. Dr. Nathaniel Añasco of CFOS-UPV presented an overview of the Inter-CU collaborative program. The following were the discussion highlights based on queries/comments of the PAC panel:

- When the PM-TMEM is marketed, all the costs it would entail should be clearly stated so that students have a clear idea of the financial requirements. This should include the Tuition and Miscellaneous fees, and the Incidental Living Expenses. (VP-AA, Dr. Gisela Concepcion)
- The admission of international students can enrich the program (Pres. Alfredo Pascual)
- Even if the program is a Professional Master's with student-faculty outputs likely to include best practices in the field of TMEM, publications can still be encouraged although it will not be required in the program. (VP-AA, Dr. Gisela Concepcion)
- Although there may seem to be overlaps with other Master's programs related to Natural Resource Management in UPLB, their focus is land-based whereas PM-TMEM is taken from a marine perspective. (Chancellor Rex Cruz, UPLB)
- While there are no models of Inter-CU collaborative programs within UP, its format or mode can be compared to a University consortium where students from the collaborating universities attend some classes together in either of the venues but obtain their graduate degree from their home university. Another similar model is the Erasmus Mundi model that involves a number of Universities in Europe for a degree program. (Dr. L. David, MSI)
- It would be good if the program can be documented in order for the University to learn how an Inter-CU collaborative academic program can function. (Pres. A. Pascual) The three CUs are to undertake training on inter-CU management even

among themselves, to harmonize guidelines and procedures of the program. (VPAA G. Concepcion)

- Given the collaborative nature of the program, there ought to be a lead institution to push and initiate regular coordination within the program. The lead CU assumes the responsibility of the program's overall administration and management. (Pres. A. Pascual)

At the end of the open forum, as there were no other queries among the members of the panel, UP President Pascual advised the PM-TMEM proponents to proceed with the program, indicating PAC endorsement.

## **ii) At the level of the various CUs (October 2013 to April 2014)**

### **UP Los Baños**

The UPLB approval system for new academic programs consists of evaluation and review of curricular proposals at various levels. The initial phase involves reviews at the level of the Graduate School, the University Council Curriculum Committee, and the Executive Council, prior to its endorsement to the UP System for evaluation.

Upon endorsement by the AAC and the PAC, the proposal is then sent to the UPLB University Council for review and approval; after which the Board of Regents grants the final approval.

### ***Review and approval of the PM-TMEM curricular proposal by the Graduate Academic Affairs Committee (GAAC), November 2013***

The GAAC reviewed the revised PM-TMEM curricular proposal in November 11, 2013. The PM-TMEM proposal was approved and recommended for review by the Graduate School Faculty.

### ***Review and approval of the PM-TMEM curricular proposal by the Graduate School Faculty, November 2013***

The PM-TMEM curricular proposal was included in the agenda of the Graduate School Faculty review meeting scheduled 25 November 2013. The meeting was presided by Dean Jose V. Camacho, Jr. of the Graduate School. The PM-TMEM program was presented to the body by Dr. Mark Arboleda of SESAM. PM-TMEM faculty and resource persons present consisted of Dean Leonardo Florece and Dr. Carmelita Rebanco of SESAM, and Dean Juan Pulhin of CFNR (UPLB proponents); with Drs. Porfirio Aliño and Aletta Yñiguez of MSI-UPD and Dr. Carlos Baylon of CFOS-UPV. The presentation consisted of an overview of the program's rationale and administration, including the objectives and

content of each of the program courses. During the open forum, the faculty members from the Inter-CU proponent units addressed a range of concerns from the audience.

Among these concerns addressed were i) the trimestral administration with the existing bisemestral mode of the UPLB campus; ii) program implementation of lecture and field work; iii) faculty qualifications; iv) some details regarding course content; including a suggestion on detailing competencies in relation to program goals.

The PM-TMEM curricular proposal was eventually approved and recommended for review by the University Council Curriculum Committee, which was scheduled on November 27, 2013.

***Initial review of the PM-TMEM curricular proposal by the University Council Curriculum Committee (UC-CC), 27 November 2013***

The review of the PM-TMEM curricular proposal was included in the Agenda for the UC-CC Meeting scheduled 27 November 2013. Representing the proponent units at the meeting were Dr. Mark Arboleda of SESAM; Dr. Bernadette de Venecia and Ms. Mira Sanchez of MSI-UPD. By 4:00 pm, the PM-TMEM curricular proposal was introduced to the body by Dr. Jerry R. Yapo, Chairman of the Social Science Curriculum Committee of the Graduate School. The panel of UC CC members from the Graduate School was headed by the Asst. to the Vice Chancellor for Instruction, Dr. Rolando G. Panopio, together with the UC-CC Secretary Dr. Myrna Carandang, who is also the University Registrar. Dr. Mark Arboleda presented the PM-TMEM to the body.

In the course of the discussions, Dr. Panopio inquired about the status of the PM-TMEM review as an Inter-CU program within the UP System and among the other participating CUs. On learning about the prior approval of the curricular proposal by the AAC (7 November 2013), and a pending review by the PAC expected in December 2013, Dr. Panopio suggested that the evaluation of the PM-TMEM by the UC-CC be rescheduled to such time after the PAC would have given their comments/recommendation regarding the new program. The comments of the PAC would be of significant interest to the UC CC given the relatively new nature of the PM-TMEM within UPLB. This also sets the review of the proposed program within the 3 CUs on similar footing with regard the approval process – that is, its review by respective UC-CC after the PAC approval. A Special Meeting can be scheduled by the UPLB UC-CC solely for the review of the PM-TMEM after the PAC results are released.

***Formal review by the UC-CC***

The UPLB UC-CC held a special meeting on 21 February 2014 to discuss the proposed PM-TMEM curriculum. The meeting, which was held the entire day, consisted of two parts. The first part was on the study and approval of PM-TMEM as a program offering of UPLB,

in collaboration with UP Diliman and UP Visayas. This was presided by Vice Chancellor for Instruction (VCI) Dr. Oscar Zamora. The second part was a technical review of the curriculum to ensure consistency in formats and appropriateness of terminologies and pedagogical content, and was presided by the Assistant to the VCI, Prof. Rolando Panopio.

The PM-TMEM proponents were represented by Dr. Mark Arboleda for UPLB, Dr. Carlos Baylon of the College of Fisheries and Ocean Sciences (CFOS) for UPV, and Dr. Laura David, Dr. Bernadette de Venecia, and Ms. Mira Sanchez for UP Diliman.

The discussion on the inter-CU PM-TMEM program focused on the nature of a professional master's program; clarifications on admission of students and program implementation approaches; and program sustainability. The following were the highlights of the first part of the meeting consisting of summarized responses to queries from the committee members:

***Nature of a professional master's degree program.*** The PM-TMEM is a terminal degree within the UP System. Graduates of the program cannot use the degree to qualify for a PhD program.

***Admissions.*** The provision of a range of weighted percentage assigned to the various admission criteria will be applied in the initial cycles (around 3 cycles) in order for the program management group to firm up its information on the profile of the target clientele. The weighted percentages will eventually be adjusted after assessing student performances of the initial batches. Criteria for acceptance will be standardized for the initial cycles.

Applications go through the respective Graduate Schools (GS) of the CUs. The application papers of those that meet the qualifications set by the GS are passed on to the centralized inter-CU Management Committee of the program. From these qualified applicants, the committee selects the students to make up the batch and address the admission quota of each CU. Results of the inter-CU evaluations are sent back to the Graduate Schools of the CUs. New students will be admitted at the start of every academic year

***Inter-CU class venues and faculty.*** Students from the different CUs will be moving around as a single class. The program will consist of roving class venues.

The program relies on the strength/expertise of the proponents from the different CUs. Professors from the participating CUs are being tapped for the program. Even if a module is hosted by an assigned CU, the team of lecturers handling the courses of the particular module is drawn from the faculty of the participating CUs and not merely from the host CU.

***Program sustainability.*** There was a concern regarding the sustainability of PM-TMEM given that this is a relatively expensive program. To this valid concern, the UPD proponent explained that there is a core planning group (consisting of consultants and

current staff) addressing program and financial sustainability. Both short- medium- and long-term plans are being drawn to address this concern.

Input of VCI Oscar Zamora: Previous programs have been too dependent on scholarships provided by the initial project that sponsored the development of the program. The availability of continuous scholarship hinges on the commitment of those managing the program. As of now, it is important for the University to meet the current needs on the ground.

Input of Dean Juan Pulhin of CFNR: The Inter-CU group holds periodic workshops to discuss and develop a range of inter-CU mechanisms, including strategies for scholarships and program sustainability. The advantage of the program is the collaborative effort of 3CUs.

Input of Dr. Carlos Baylon, Formert Dean of CFOS: From the experience of UPV with its Master's in Marine Affairs program, various LGUs were able to send and sponsor their constituents. Some government agencies such as BFAR also have on-going scholarship programs since the 1970s. This is because they recognize the importance of capacity building. Since DENR has jurisdiction over coastal waters and the marine environment, it is being targeted by the program to provide a regular budget for manpower training of DENR personnel.

The PM-TMEM was unanimously approved by the UPLB UC-CC as a new program of the UPLB GS.

### **UP Visayas**

#### ***Review by the Graduate Program Council***

Upon approval of the PM-TMEM by the AAC, the UPV Program Coordinator, Dr. Jose Peralta, sought for a Special Meeting of the Graduate Program Council to advance the review of the proposed PM-TMEM program. The GPC met and endorsed the PM-TMEM program on 26 November 2013. A recommendation made is the inclusion of short introductory statements about the modules, their interactions, about the class, admission quota, & how the class behaves as the program proceeds.

#### ***Review by the UPV UC-CC***

Review of the proposed Inter-CU PM-TMEM program was done by the UPV UC-CC on 5 March 2014. The meeting was presided by Vice Chancellor for Academic Affairs (VC-AA) Prof. Emilia Yap. UP Diliman collaborators from the UP Marine Science Institute (MSI) consisting of Dr. Porfirio Aliño, Dr. Bernadette de Venecia, and Ms. Mirafior Sanchez were present. The UP Visayas collaborators present were Dr. Gerald Qunitio (new Director of the Institute of Marine Fisheries of the College of Fisheries and Ocean Sciences) and Dr. Jose Peralta, the Director of the Institute of Fisheries Policy and Development Studies.

Dr. Jose Peralta provided an Overview of the PM-TMEM program, beginning with the development of an Inter-College AdHoc Committee that was involved in the earlier preparations/evaluation of the draft curriculum proposal.

Ms. Miraflor Sanchez expounded on program cost and tuition fees particularly on the proposed lecture and lab/field unit cost of Php 2500 and 3500, respectively. These figures were based on the program cost computations per course and the standard number of students per batch. Comparative figures of tuition fees of other Universities were also presented.

The highlights of the discussion during the meeting were similar to other curriculum review events in other CUs, consisting of the following areas that were discussed: i) *On program fees*; ii) *the inter-CU program implementation set-up*; iii) *Inter-CU agreements and harmonization of 3 CU recommendations*.

The Inter-CU Management representatives were advised to consolidate and harmonize the various recommendations from the UC-CC of the respective CUs. This will ensure a standardized PM-TMEM proposal submitted by all proponents to their respective University Councils (UC).

The UPV UC-CC approved the program. The PM-TMEM team was requested to submit a harmonized revised version of the proposal by the end of March 2014 in time for Executive Committee meeting scheduled for April 10, 2014. The UPV UC was scheduled for April 11.

### **UP Diliman**

The PM-TMEM curriculum proposal was included in the agenda of the UP Diliman UC-CC meeting in the afternoon of 17 March 2014. The CC consisted of the Deans of all the academic units of UP Diliman, or their representatives for curriculum matters. The meeting was presided by VC-AA Dr. Ronald Banzon. The following proponents of the Inter-CU collaborative program on PM-TMEM were present during the meeting:

UP Diliman:

Dean Jose Maria Balmaceda, College of Science (also part of the UC-CC)  
Dr. Fidel Nemenzo, Associate Dean – Academic Affairs, College of Science  
Dr. Laura David, Deputy Director for Instruction, MSI  
Dr. Porfirio Aliño, Deputy Director for Research, MSI  
Dr. Bernadette de Venecia, MSI-TMEM Program Development  
Ms. Mira Sanchez, MSI-TMEM Program Development

UP Los Baños:

Dean Jose Camacho, Graduate School

Dean Leonardo Florece, SESAM

UP Visayas :

Director Jose Peralta, IFPDS

The UPD VC-AA Dr. Ronald Banzon presided over the meeting where PM-TMEM was third in the agenda. Highlights of the discussion were on the administrative features of the collaborative program and the distinction of the professional master's programs.

***Inter-CU PM-TMEM program model.*** Although the coverage of the Curriculum Committee reviews usually consists only of an academic and technical review of proposed curricula, concerns were raised by the VC-AA regarding the administration aspect of program implementation. This is because there has been no inter-CU model within the UP System. Hence, the first part of the review was clarificatory in nature with respect to management and implementation approach.

The VC-AA highlighted that the approval process of PM-TMEM within each of CUs enables the respective CU's independent administrative jurisdiction over student enrollment and disciplinary cases, should there be any. Also emphasized was the significant role of the Inter-CU Management Committee responsible for coordination and participatory decision-making on program administration and management.

***Professional Masters.*** A discussion also focused on the nature of a Professional Masters as a terminal degree and the distinctions of the program, which focuses on needs of practitioners. There was also a query on whether practitioners of TMEM undergo a licensure process. Although some professional master's degree programs are usually associated with fields requiring a professional license, for TMEM there is no accreditation body for its professionals. Dr. Laura David mentioned that there is no related licensure process within the Philippines. There are, however, indirect certifications of management and governance standards achieved within marine protected areas by management bodies. This could reflect the work output of MPA managers involved. The Professional Master's degree is independent of any certification but it develops essential competencies needed by the individual professionals through the special problems. The Professional Master's category is being applied to this program to distinguish it from the MSc programs.

#### ***The Executive Committee Meetings of UPV and UPLB (March - April 2014)***

For both UPV and UPLB, curriculum proposals that have been approved by the Curriculum Committees are submitted to their respective Executive Committees. The

Executive Committee consists of the Chancellor and all the Deans. This committee is responsible for endorsing the proposals to the University Council.

The PM-TMEM proposal was endorsed by the UPV Executive Committee on April 10, 2014 during the meeting presided by Chancellor Rommel Espinosa. The program was immediately approved and endorsed for the UC meeting on the following day. Dean Jose Maria Balmaceda of the College of Science headed the UPD representatives which included Dr. Laura David and Ms. Mirafior Sanchez of MSI. Dr. Mark Arboleda of SESAM represented the UPLB proponent.

The PM-TMEM proposal was likewise approved by the UPLB Executive Committee in their meeting held April 16, 2014, which was presided by Chancellor Rex V. Cruz. The Committee likewise gave their immediate approval of the program, endorsing it to the University Council that was to meet on April 21, 2014. Dr. Laura David and Ms. Mirafior Sanchez, both from MSI, represented the UPD proponent; while Dr. Jose Peralta of IFPDS represented the UPV proponent.

### **The University Council approvals in the 3 CUs (April 2014)**

The University Council consists of the CU Chancellor and officials, members of the Executive Committee, and the faculty of all academic units of the Graduate School (for UPLB) or the CU (for UPD and UPV). The first UC approval for the PM-TMEM was granted by the UC of UPV in their meeting held April 11, 2014. Approval was unanimous with enthusiastic support of the body for the program.

The UC approval of UPLB was granted on April 21, 2014. UPD proponent representatives consisted of Dr. Bernadette de Venecia and Ms. Mirafior Sanchez of MSI; UPV was represented by Dr. Carlos Baylon of CFOS. The Assistant to the Vice Chancellor for Instruction, Dr. Rolando Panopio, presented the overview of the PM-TMEM program to the UPLB Officials and Graduate School faculty. Clarificatory questions in relation to program duration, roving class venues, field work applications, and program sustainability were addressed. The institutionalization of the program as an offering of the Graduate School was approved when no objections were raised.

The UC approval of UPD was also granted in the morning of April 21, 2014. Drs. Laura David, Porfirio Alino, Aletta Yñiguez and other faculty of MSI were present at the UC meeting. The UPV proponent was represented by Dr. Jose Peralta of IFPDS. VC-AA Dr. Ronald Banzon gave the overview on PM-TMEM. The only comment from a member of the UC was the use of the term *Qualifying Examination* to refer to the examination to be taken by students prior to proceeding to the specialized courses for the Marine Protected Areas track. The examination coverage consists of the TMEM core courses. The PM-TMEM program was approved as no other objections were raised. The Chancellor commended the interdisciplinary nature of the program.

**iii) At the level of the UP System, post-UC approvals (May to June 2014)**

**The approval of the PM-TMEM curriculum by the UP Board of Regents**

In May 2014, members of the inter-CU PM-TMEM Management Committee reviewed and provided inputs, regarding the recommendations from the Executive Committees and University Councils when they reviewed and approved the PM-TMEM proposal in April 2014. The only revision incorporated into the PM-TMEM curriculum consisted of the application of the plural form of *Ecosystem* into the program title: Tropical Marine *Ecosystems* Management. The PM-TMEM Management Committee agreed on retaining the use of the term *preliminary examination* to refer to the examination taken by the PM-TMEM students after having finished the core courses of the program. The examination will cover the core courses.

The revised PM-TMEM proposal was submitted to the University Council Secretariat on June 5, 2014 ; and to the Office of the Vice-president for Academic Affairs on June 19, 2014 for review by the Board of Regents.

The proposal for the institution of the Professional Master's in Tropical Marine Ecosystems Management, as a collaborative program among the implementing units of UPD, UPV, and UPLB *was approved in the 1298th Board of Regents Meeting of the University of the Philippines held on June 30, 2014 (Annex 1)*

**The approval of the PM-TMEM calendar for Academic Year 2014 – 2015**

In May 2014, both Deans of the Graduate School of UP Los Baños, Dr. Jose V. Chamacho, and College of Fisheries and Ocean Sciences, Dr. Crispino A. Sacaluso, concurred on the proposed academic calendar for the academic year 2014-2015 of the PM-TMEM Program. This calendar was patterned after the existing Trimestral calendar of UPV. Below is the overview of the proposed academic calendar :

**Table 1. Overview of the proposed trimestral calendar for the inter-CU PM-TMEM program, Academic Year 2014-2015**

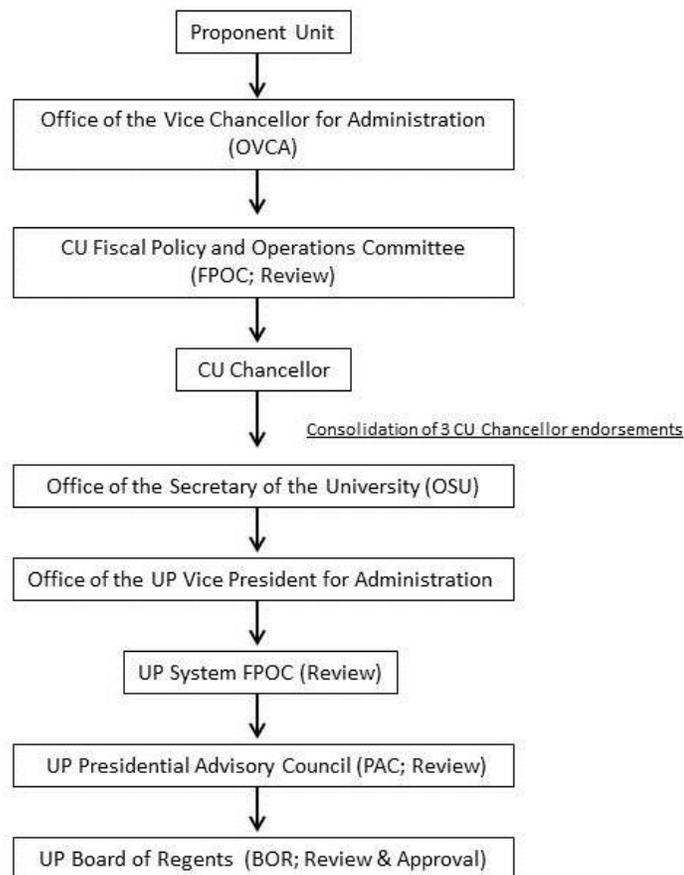
<b><i>Trimester</i></b>	<b><i>Start</i></b>	<b><i>End</i></b>
Trimester 1	September 8, 2014 (Monday)	December 9, 2014 (Tuesday)
Trimester 2	January 12, 2015 (Friday)	April 13, 2015 (Monday)
Trimester 3	May 11, 2015 (Monday)	July 28, 2015 (Tuesday)

The proposed trimestral calendar was submitted by MSI to the Chancellor of UPD through the University Registrar, Dr. Evangeline Amor, and received June 2, 2014; and was endorsed by the UPD Executive Committee in their meeting held June 9, 2014, for approval by the Board of Regents. The BOR approved the calendar together with the PM-TMEM curricular proposal in their meeting June 30, 2014.

**iv) The preparation and consolidation of requirements for the review of the tuition fee proposal (June to October 2014)**

*The review process of the tuition fee proposal at the UP CU and System levels*

Due to PM-TMEM tuition fees that are much higher than the regular unit costs for lecture and laboratory components of the respective Colleges/Schools of the collaborating CUs, the proposed schedule of fees would have to undergo a *separate review process* from that of the curriculum proposal, through the respective CUs and the UP System. It is reviewed by the CU Fiscal Policy and Operations Committee (FPOC; for UPD and UPV) under the Office of the Vice Chancellor for Administration (OVCA), which eventually endorses the proposal to the CU Chancellor for submission to the UP System offices. The System FPOC and the Presidentail Advisory Council – the latter consisting of the UP President and the UP Chancellors – constitute the reviewing bodies for the Tuition Fee Proposal, prior to endorsement to the UP Board of Regents for approval. The basic review process is shown in **Figure 1**.



**Figure 1. Review and approval process of Tuition Fee Proposals at the UP CU and System levels.**

*Consultative meetings with Budget and Accounting offices; University Registrar*

In preparation for the Tuition Fee proposal, which include both tuition and students' miscellaneous payments, various fee schedules were obtained from the pertinent offices within the 3 CUs. Consultations were likewise held with concerned officers/officials.

In May 2014, consultations were made with the Budget and Accounting offices of UP Diliman, especially with the accountant of the College of Science. The PM-TMEM staff had consultative meetings with Chief Accountant Prof. Joanne Mendoza and University Registrar Dr. Helen Carandang of UPLB on June 6, 2014; and with members of the Accounting Office and the University Registrar at the Miagao campus of UPV on June 11, 2014.

### *Solicitation of comments and position of the Student Regent and student councils*

The PM-TMEM Tuition Fee proposal was prepared by mid-June 2014 and sent to the UP Student Regent and the Chairpersons of both the University and Local Student Councils of the 3 CUs to solicit their comments and position regarding the proposal.

### *Approvals by the CU-FPOC and referendum of S-FPOC*

Approvals by the respective CU-FPOC was obtained in the latter part of July 2014, followed by the endorsements of the respective CU-VCA and VCAA of the tuition fees to the CU-Chancellors. Endorsements by the Chancellors of the 3 CUs were in by 1 September 2014. This allowed for the official request to be sent to UP President Alfredo Pascual for a review of the PM-TMEM Tuition fee scheme by the S-FPOC through a special referendum.

The PM-TMEM tuition fee scheme was approved by the S-FPOC through a majority vote by referendum. It was therefore endorsed by the Vice President for Administration (VPA) Dr. Maragtas Amante for the PAC review meeting scheduled for 23 October 2014. The PM-TMEM tuition fees were endorsed by the PAC for inclusion in the agenda of the UP BoR meeting to be held on 30 October 2014. The PM-TMEM tuition fee proposal, which contained clarifications to address queries of review bodies, were submitted to the Office of the VPA within the week for the UP BoR meeting .

## **1.2.2.2 Establishment of institutional arrangements among collaborating CUs**

### ***i) Inter-CU meetings (October – November 2013)***

#### **Pre-AAC meeting 6 Nov 2013.**

A meeting among members of the Inter-CU PM-TMEM Management Committee was organized mainly to prepare the group for the presentation and discussion of the proposed program at the AAC review scheduled the following day (7 November 2013). The newly appointed Dean of the CFOS-UPV, Dr. Crispino A. Saclauso joined the group for the first time. It was held in the afternoon of 6 November 2013 with the following specific objectives:

- a) review and discuss the various sections of the PM-TMEM curricular proposal submitted to the OVPAA and the draft presentation for the AAC meeting

- b) discuss revisions in the organizational structure of the Inter-CU management committee
- c) discuss PM-TMEM administrative matters in relation to student admission and scholarships, and recruitment
- d) plan the date and coverage of the strategic planning workshop for the program in January 2014

Some highlights of the meeting were the following:

- a) Through the course of the review and approval of the PM-TMEM curricular proposal within the UPLB system, the Graduate School recommended the inclusion of the College of Forestry and Natural Resources as an additional proponent in the collaborative program.
- b) Agreements on the equal division of student slots among the participating CUs was firmed up based on a quota system and student applicants' priority choice for home-CU.

Since scholarships for deserving students could be limited, it will be more advantageous if students sought their own scholarships from their respective government institutions.

Soft-marketing in line with student recruitment can be initiated among the 52 TMEM local and foreign professionals who have indicated interest to enroll in the program through the TNA conducted; including the graduates of the Master's in Marine Affairs program of CFOS-UPV.

- c) The next Inter-CU Strategic Planning Workshop was scheduled for January 10 to 11, 2014

**Post-AAC meeting, November 7, 2013.**

The Inter-CU team present at the AAC held a Post-AAC meeting at the UPMSI in the afternoon of November 7, 2013 to discuss the next steps in preparation for the PM-TMEM review and approval by the PAC of the UP System. The meeting was presided by Dr. Laura David

The meeting ended with a group picture-taking to mark the milestone achievement (**Annex 2**)

**Pre-UPV UC CC meeting, 4 March 2014**

A meeting on March 4, 2014, was held between Dr. Jose Peralta, the TMEM Program Coordinator of the UPV Management Body, with members of the UPD representatives who would be attending the UPV UC CC the following day. The UPD MSI contingent consisted of Dr. Porfirio Aliño, Dr. Bernadette de Venecia, and Ms. Mirafior Sanchez. Discussions focused on addressing the range of concerns of the inter-college faculty of UPV who were involved in the early development of the program.

**Pre-UPD UC meeting 17 March 2014 (a.m.)**

Prior to the UPD UC-CC meeting which was scheduled for the afternoon, the members of the PM-TMEM Coordinating Body met for updates on the PM-TMEM revisions based on recommendations of various review bodies since the PAC meeting of December. They discussed the need for representatives from the 3 CUs for the upcoming UC meetings which will address the review of the PM-TMEM . A review of plans for a workshop on the harmonization of the PM-TMEM revisions and management gaps to address was also discussed in the meeting .The attendance and highlights of the meeting are as follows:

*Attendance*

UPD: Dr. Laura David (MSI), Dr. Porfirio Aliño (MSI), Dr. Bernadette de Venecia (MSI); Dr. Fidel Nemenzo, Associate Dean for Academic Affairs of the College of Science

UPV: Dr. Jose Peralta (IFPDS)

UPLB: Dean Jose Camacho Jr. (Graduate School), Dean Leonardo Florece (SESAM), Dean Juan Pulhin (CFNR)

***ii) Program Implementation Workshop and initial Strategic Planning (January 2014)***

**The PM-TMEM: Program Establishment and Sustainability Workshop ;  
January 10 – 11, 2014**

*The Professional Master's in Tropical Marine Ecosystems Management (PM-TMEM): Program Establishment and Sustainability Workshop* was held from January 10-11,

2014 at the UP Marine Science Institute. It was attended by eight (8) faculty members from UPD; seven (7) from UPLB; and eight (8) from UPV. Aside from the regular Inter-CU attendees of previous PM-TMEM workshops, key representatives from the CFNR-UPLB, consisting of Dean Juan Pulhin, Assistant Dean Edwin Combalicer, and Dr. Edwino Fernando, attended the PM-TMEM program workshop series for the first time.

The following were the objectives of the Workshop:

1. To address potential hindering factors of the PM-TMEM approval within the collaborating CUs: resolving issues and challenges
2. To develop the appropriate marketing strategies for the program given its current status within the UP approval system
3. To come up with agreements on administrative arrangements for cash flows in a multi-campus collaborative program (within and among campuses)
4. To refine course implementation mechanisms and arrangements of the program: MPA sites, organization of teaching teams and materials
5. To finalize details of student recruitment and the admission process (levels of cut-off for recruits and admissions)
6. To do a preliminary strategic planning regarding developmental projections and corresponding financial sustainability

#### Day 1 Workshops

The workshop in the morning consisted of the Break-out Work Sessions for three (3) groups to discuss matters related to PM-TMEM Program Establishment. Each group was assigned a facilitator and documenter, and provided with working documents as discussion guides. Work group presentations were done in the early afternoon. The presentation highlights consisted of the following:

#### Work Group 1: Addressing the UP approval process and Graduate School matters

*Various issues were addressed through the following recommendations*

- Curriculum proposal introduction needs to contextualize the Professional Master's (PM) and the existence of other PM programs
- Presence of proponents during UC CC and UC is important to satisfactorily address questions raised
- Enhancement of consultative process with different units which includes emphasis of PM on enabling students rather than generating new knowledge

*Graduate program standards*

- To use term “preliminary examination” instead of “comprehensive examination”
- Standardization of English proficiency requirements
- Admissions flow: Graduate Office to Program Management Committee, then back to Graduate Office
- Lead institution per area of specialization to handle the trust account for lab fees; center for program management for particular professional stream
- Entire program cost to be indicated consisting of tuition and incidental living expenses

*Work Group 2: Administrative arrangements for an Inter-CU collaborative program*

- With regards to registration matters, the standard registration procedures of each CU will be applied.
- For regular loading of teaching faculty, the standard procedures per CU will be followed, which is based on the Faculty Service Record. It is recommended that there be an Inter-CU Program agreement to allow core faculty to teach the TMEM courses in all CUs.
- The Program Coordinator of each CU, who holds the funds from the tuition fees and incidental living costs paid by the students/sponsors, should be bonded. It is recommended that the Program Coordinator be the Special Disbursement Officer (SDO) who holds Cash Advances and make disbursements. All cash advances for travel expenses are to be turned over to the PM-TMEM finance person (lead institution) since block travel schedules are to be addressed and settled in bulk.

*Work Group 3: Course implementations: Lead institutions, Hosting CUs, and Course teaching teams*

- The group refined some of the syllabi of TMEM courses in view of refining content and meeting criteria of the various UC CC (particularly UPLB).
- A consensus was reached on the areas of MPA Sites for all modules in the 1<sup>st</sup> cycle with additional inputs on criteria for selection of MPA sites; Antique was replaced by Panay area; roles of the host CU and Course Coordinators were defined; input regarding importance of an all-in insurance cost and waiver form from liability.

- Agreements were made on the proposed roles and specific tasks of the lead institution, host CUs, and Course Coordinators; with additional inputs.
- Timelines for the development of the course teaching materials by the course teams, with each team headed by the course coordinator:
  - January 2014 – Course coordinator starts preparing teaching materials
  - End of February 2014 – final roster and sequence of faculty comprising each team
  - March 2014 – Course coordinator convenes team to finalize teaching materials
  - End of March 2014 – submission of teaching materials to respective CU Program Coordinator

Since the presentations and discussions for Day 1 workshops finished by 3:00 pm, the body decided to continue covering the workshops assigned to Day 2 as plenary sessions. These plenary sessions included student recruitment and admissions, and planning for capacity building and research. The following were the highlights of the discussions facilitated by Ms. Surie Alip:

*Plenary Session 1: Student Recruitment and Admissions*

- A soft launch of the program can only happen after the approval of PM-TMEM by at least 1 UC CC.
- The preparation of marketing material can start in February 2014 but these materials can only be released upon approval by the UC of at least 1 CU. A formal launch (high profile, with high publicity) was suggested by Mr. Randy Vinluan of USAID to attract support and sponsors for the program, including future students.
- Running a survey among TMEM professionals on program interest can serve as a soft marketing campaign, even without the official approval.
- Specific target networks for student marketing and marketing point persons were identified by each of the CUs.
- The First batch of students would have 18 slots (3 buffer slots in case there may be fall-outs); no fixed limit on slots for foreigners.

*Plenary Session 2: Capacity Building and Research*

- Various strategies and challenges were discussed in the development of second generation faculty for the program, including the development of collaborative research projects in support of the TMEM program.
- A website for PM-TMEM could be a venue for connecting all knowledge sources and especially outputs of the program.
- Strategies for enabling regular publication by TMEM proponents were discussed.
- The body reached a consensus on using Day 2 of the workshop for brainstorming/planning a capsule proposal for the *Emerging Interdisciplinary Research* (EIDR) grant of the OVPAA which encourages inter-CU research collaboration: a potential funding source for both research and scholarships. Hand-outs on the EIDR grant were distributed later in the day

Activity pictures and a group picture of the Inter-CU TMEM Management Committee members and Faculty are shown in ***Annex 3, Appendix 3.***

#### Day 2 Workshop

The Workshop started at 9:00 a.m. and was presided by Dr. Nathaniel Añasco, the designated UPV Research Coordinator for the PM-TMEM Program. He gave an overview of the EIDR grant then proceeded to facilitate the discussion. Initial brainstorming was done by the participants followed by the main features of a capsule proposal

#### EIDR Capsule Proposal

- Focus: Impact, Recovery, Restoration, and Adaptation of Sites affected by Typhoon Yolanda (interdisciplinary aspects)
- Interdisciplinary aspects to be covered, bases for projects/teams: Society (socio-economic; cultural/political ecology); Ecology (TMEs and Fisheries); Management, Policy, and Governance
- Proposed sites: a) Guian and Tacloban in Leyte; b) Bantayan, Cebu; c) Estancia and Concepcion, Panay; and d) Palawan with a-c as priorities
- Point persons and CU Research Coordinators for capsule proposal components
- Timeline: Aim for April 2014 Cycle

Jan 2014 – Feb 2014– preparation of capsule proposal per project team  
End of Feb 2014 – submission of all 3 proposals to PALiño  
March 2014 – Integration by 3 research coordinators  
April 2014 – submission

Note: Once the capsule proposal is approved by the OVPAA, a budget of Php 200,000 is given by the OVPAA for preparation of the full-blown research proposal.

### **PM-TMEM Harmonization Workshop, 31 March 2014**

The *Harmonization Workshop* was organized based on the strong recommendation from the UC CCs of the 3 CUs to ensure that there is no conflict among any of the recommendations and that a standardized PM-TMEM proposal be submitted to the respective UCs of the collaborating proponents (***Annex 3***). The objectives of the workshop consisted of the following:

1. To review the pre-UC strategies of the CUs to minimize risk of approval setbacks;
2. To finalize the PM-TMEM curriculum proposal that incorporates and harmonizes the various recommendations from the PAC and the UC-CCs of the collaborating CUs;
3. To finalize the proposed inter-CU arrangement in relation to the application form, admission, and the trimestral academic calendar, financial flows for disbursements, and teaching loads;
4. To review soft marketing strategies of each CU, provide additional inputs and discuss developments;
5. To discuss initial plan for a formal launch of PM-TMEM;
6. To provide an update on the status of the EIDR (Emerging Interdisciplinary Research) collaborative research initiative;
7. To schedule subsequent Inter-CU meetings

Dr. Bernadette de Venecia provided an overview of the PM-TMEM status among the UC-CCs which integrated some aspects of risk management in line with the upcoming UC reviews. This was followed by a deliberation on the range of revisions resulting from the UC-CCs, where there was some discussion on student retentions.

The members of the body were assigned to different work groups with their respective work outputs presented in the afternoon. Work session themes consisted of the following:

- Group 1- Application Form elements, Admission, Tri-Semestral Academic Calendar and E-UP status for Registration
- Group 2 – Inter-Cu Administrative agreements for cash flows in relation to disbursements
- Group 3 – TMEM faculty loading and inter-CU agreements program faculty

All groups did presentations of their work session results.

The Workshop ended with UPV Research Coordinator, Dr. Nathaniel Añasco, reminding previously assigned key persons to follow-up on assignments made during the mini-EIDR workshop held in January 2014. The concept diagram provided in early March 2014 can facilitate their task. Dr. Gil Jacinto mentioned the possibilities of program scholarship institutionalization through long-term legislation planning, and also through addressing the capacity building needs for marine expertise requested by DENR (Dept. of Environment and Natural Resources) Asst. Secretary Corazon Davis.

**PM-TMEM Inter-CU Agreements Workshop, 30 June 2014**

The *Workshop* was organized to facilitate the review of the entire Inter-CU PM-TMEM Management Committee of drafts of inter-CU agreements for various financial and administrative procedures involved with program implementation. Although initial discussions were held in previous workshops, additional consultations of the PM-TMEM staff were held with the various administrative offices of the 3 CUs to determine most appropriate administrative procedures for program financial flows and management, including faculty affiliations among the CUs, and complete processing and flow of student visa processing for the potential future international students of PM-TMEM. Consultations were held with administrative officers and officials on June 6, 2014 at UPLB; and on June 11, 2014 at UPV.

The Workshop was held on June 30, 2014 and was attended by all 5 Deans; 3 Directors, and 3 faculty members from the 3 CUs; with 2 resource persons from UPLB – the Chief Accountant and Graduate School officer for student applications and international students. The objectives of the workshop consisted of enabling the Inter-CU Management Committee:

1. To review the implications of the BOR approval on inter-CU administrative and academic agreements;

2. To finalize the administrative and financial agreements among collaborating CUs;
3. To finalize the process of faculty affiliations for their involvement in PM-TMEM;
4. To discuss and finalize the plan for inter-CU activities in relation to student recruitment and international students, applications, and acceptance;
5. To review preliminary website materials.

*The implications of the BOR approval of the PM-TMEM program on inter-CU agreements.* Dr. Bernadette de Venecia presented the implications on the institutionalization of inter-CU management and administration and the need to clarify consequent grey areas in relation to intra- and inter-CU process of establishing standard operating procedures. Discussions focused on the administrative procedures for the implementation of a trimestral academic calendar and supporting documents needed from the CUs for the PM-TMEM tuition proposal.

*Plenary Session 1: Institutional Transfer of Funds (lab fees).* Ms. Miraflor Sanchez provided a background on the financial flow of funds available to the Unit for Expenditures and the Transfer of Lab Fees for utilization of Unit hosting the module . The body reviewed and gave their inputs to improve the draft of a tri-partite agreement for the transfer of lab fees as the working document .

*Plenary Session 2: Collection, Disbursement, and Liquidations of the Incidental Living Expenses (ILE) of students.* Ms. Miraflor Sanchez provided a background on the proposed financial management of the ILE (Individual Living Expenses) of the students. The ILE includes student payments for their travel and accomodations between sites within a module. Total expenses foreseen for the term is to be paid at the start of the trimester during enrollment.

*Plenary Session 3: Inter-CU faculty affiliations for the PM-TMEM Program.* Ms. Miraflor Sanchez provided a review of the process for faculty affiliations for the different CUs. Each CU will request the 2 partner CUs for the teaching involvement of their respective faculty. A faculty member from 1 CU is to be an affiliate of the other 2 CUs.

Faculty loading will be determined once the Course Coordinators have finalized the course teaching teams and respective assignments of faculty team members.

*Plenary Session 4: on International Students.* The plenary session on the requirements for international students was discussed, as this would have implications on assessing

the feasibility of including international students in the first cycle. Ms. Dorothy Litan of the administrative office of the Graduate School of UPLB, who is in charge of scholarships and international student assistance, provided a comprehensive overview of international student visas and related requirements for studies in the Philippines .

Afternoon plenary session on marketing, student recruitment, and applications.

Marketing, student recruitment, and applications were covered in the plenary session in the afternoon. The following were the highlights:

- Update of CUs on marketing efforts
  - SESAM announced the upcoming PM-TMEM program at the 7th Philippine Network of Education in Environment Conference and Scientific Meeting held on May 12-13, 2014 at the Southern Luzon State University, Lucban, Quezon.
  - CFNR, through their involvement with the New Conservation Areas in the Philippines Project (NewCAPP) of the Department of Environment and Natural Resources, informed the Assistant Secretary for Human Resource Development Ms. Bresilda M. Gervasio, about the PM-TMEM program as an opportunity to address capacity building for conservation management of marine areas of National Integrated Protected Area Sites (NIPAS), which are the targetted sites by NewCAPP.
  - MSI, likewise updated the body on the meeting with DENR Assistant Secretary for Finance and Assistant Secretary for Human Resource Development on potential DENR support for employees qualified to participate in the PM-TMEM program in line with capacity building.

Other updates from MSI include sending out announcements on the approval of the program by the University Councils of the 3 CUs and soliciting CVs and letters of intent from interested parties.

The Institute of Fisheries Policy and Development Studies (IFPDS) of UPV sent out the same announcements through the alumni network of their Marine Affairs program; through the Southern Iloilo Coastal Management Council Inc.; and through the San Joaquin Local Marine Sanctuary Management Board.

- The UPLB Graduate School can shoulder the budget for a one-page newspaper announcement on the program soon after there is approval of the curricular and tuition fee by the UP Board of Regents.

- Through MSI and MERF, there is so far one scholarship available from the Calouste grant to cover student's tuition fees with stipend i.e Php 150,000 per cycle for 5 cycles (or a total of Php 750,000).
- Initial draft content of the PM-TMEM website was shown. The body suggested the inclusion of images on marine life/resources associated with MPAs rather than images of assumed TMEM practitioners, as shown in the draft plan.

The meeting ended at 3:40 p.m. with Dr. Porfirio Aliño providing the closing remarks.

### ***iii) Official Inter-CU Memorandum of Agreement (MOA) and appointment of Inter-CU Program Coordinators (January 2014)***

In view of final approval of the PM-TMEM tuition fees by end of October 2014, a draft of the Inter-CU MOA was prepared for review by Dean Josemaria Balmaceda of CS-UPD; Dean Crispino Saclauso of CFOS-UP Visayas; and Dean Jose V. Camacho of the UPLB-GS, who both would be present for the presentation of the PM-TMEM Tuition Fees at the UP BoR meeting scheduled 30 October 2014. A meeting was planned among the 3 Deans to be held after the BoR meeting. The main objective of the meeting was for the Deans to provide preliminary inputs to the working draft of the PM-TMEM Inter-CU MOA.

### **1.2.2.3 Establishment of human resources and financial sustainability mechanisms of the program (January – June 2014)**

#### ***i) January workshop session on human resource planning and financial sustainability***

TMEM Program concerns in relation to TMEM program sustainability were addressed in a work session in the Inter-Cu TMEM Workshop held in January 2014. The work session on *Developmental projections for capacity building and research* had the following objectives:

1. To plan the development of 2<sup>nd</sup> generation faculty with expertise in line with the initial (and/or future) area of specialization
2. To plan the research and development component of the TMEM program for the collaborating CUs
3. To identify strategies to obtain administrative staffing beyond project life

Working documents were provided with a range of proposed strategies in line with the objectives. Aside from achieving agreements on the proposals, additional inputs were provided from the plenary discussions. Some of the discussion highlights consist of the following:

*Development of second generation PM-TMEM faculty*

- Existing and new faculty can be tapped; need to identify younger faculty who can be trained. Faculty with TMEM expertise from other CUs can likewise be tapped.
- There is a need to do a succession planning within each of the CUs based on description of the profile of potential faculty.
- Mobilize visiting professors from other countries using the Academic Program Improvement Fund and Visiting Professors Fund of the CUs
- Various strategies were proposed on how to attract potential second generation faculty to be part of PM-TMEM program, aside from attracting new PhD graduates to do post-doctoral work

*Research and development and funding for the PM-TMEM program*

- Tap agencies that can fund special research of students; this would also count as research publication
- Coral Triangle Initiative (CTI) could be a source of research problems. CTI member countries may be given scholarships.
- The challenges that limit publication output of faculty: Funding; Time/Work Overload as it is easier to earn teaching overload than earning from research; Support; need for identification of areas/ topics that lack publications
- PM-TMEM can get funding from institutions such as Oscar Lopez Foundation, Asia Pacific Network.
- PM-TMEM can be positioned as key for building resilience, and this can attract funding support.
- A Website for PM-TMEM would be a way to connect all knowledge sources and outputs; make known PM-TMEM Program milestones; serve to attract faculty and funding support for the program.

*ii) Tapping of fund development and marketing consultants in line with the development and implementation of a business plan to ensure program sustainability (January 2014)*

Preliminary discussions with Mr. Michael Atrigenio, former Fund Development Manager for CEPAP were held in December 2013 to explore the requisites for long-term financial sustainability of the PM-TMEM program. Discussions focused on the

experiences of other CSOs and Universities, including financial needs of the PM-TMEM Program given its projected total cost for operations for a single cycle.

*iii) Exploratory meetings with potential program partners for program Sponsorships or scholarships (January – June 2014)*

**Asian Development Bank (ADB)**

Ms. Annabelle Trinidad, a consultant tapped last quarter for the long-term sustainability of the TMEM program and involved in the ADB Knowledge Management project for the Coral Triangle, informed some key persons about the upcoming PM-TMEM program at UP. Consequently, Mr Arunkumar Abraham, and ADB/GEF Natural Resource Management Specialist of ADB contacted the MSI Director, Dr. Marie Antonette J. Meñez, on June 17, 2014, to ask about the status of the proposed program within UP. This was in line with his scoping work for a potential scholarship program to target Coral Triangle country representatives who can benefit from the PM-TMEM program.

**Department of Environment and Natural Resources (DENR) - Biodiversity Management Bureau (BMB)**

A meeting, facilitated by Dr. Vincent Hilomen – the newly appointed Assistant Director of the Biodiversity Management Bureau of DENR who is also a UPLB faculty and affiliate faculty of MSI, was held with MSI and two (2) Assistant Secretaries of the DENR on May 9, 2014 at the DENR office. A brief presentation was made by the PM-TMEM Technical Coordinator. Assistant Secretary Bresilda Gervasio cited results of the recent nationwide Training Needs Assessment within DENR, which indicated the need for capacity building in the area of natural marine resource management. Hence the PM-TMEM program is timely to address this need for capacity building.

Upon the preliminary consent of Asst. Secretary Davis and the assumption that the PM-TMEM Tuition fees would be approved by the BoR at the end of October, the draft MOA between UP and DENR for the PM-TMEM scholarship grants among DENR staff will be prepared by November 2014.

**Petron Foundation Inc (PFI). and San Miguel Foundation (SMF)**

Members of the executive committee of MSI and the PM-TMEM team met with Petron Environment Manager, Ms. Edith Cabrera on July 22, 2014 at the UPMSI. The MSI Director gave the presentation on MSI and PM-TMEM while Ms. Mirafior Sanchez presented the endowment fund and scholarship sponsorships as the 2

modes of potential support of Petron. The response of the Petron representative was positive with a recommendation that a letter be sent as well to the President of San Miguel Corporation (SMC), Mr. Ramon Ang, to invite SMC to be a program sponsor as well.

On 13 August 2014, the representatives from the UP MSI and PM-TMEM program, together with Mrs. Corazon Guerrero (Marketing consultant) had a meeting with the Petron Foundation Inc. (PFI) and the San Miguel Foundation (SMF) at the San Miguel Corporation (SMC) Head Office in Pasig City. In attendance were PFI General Manager Ms. Charmaine Canillas, SMF Executive Director Ms. Camille Buenaventura, Ms. Edith Cabrera of Petron Corporation, their key personnel, Drs. Laura David and Maria Lourdes SD- McGlone of the UPMSI, and the PM-TMEM program staff.

The presentation by Dr. David provided a background on the UP MSI, the goals and nature of the PM-TMEM program, the range of possible sponsorship modes for program patrons to consider either through endowment fund or scholarship program. Discussions followed on the material presented and there was sharing of experiences and views in relation to coastal rehabilitation efforts of PFI in line with mangrove reforestation and previous encounters of PFI or SMF with UP MSI resource persons on coastal monitoring.

On 29 August 2014, Petron Corporation Assistant Vice President for Corporate Affairs and PFI General Manager Ms. Charmaine Canillas sent communication to UP MSI Director on the Petron management approval for supporting a scholarship package covering 5 students for 1 cycle.

In the follow-up meeting held 12 September 2014 at the SMC Head Office, the Executive Director of the SMF informed UP MSI of the additional sponsorship of 3 PM-TMEM scholars by the SMF. The UPMSI/MERF did a presentation of a draft on the proposed MOA between the UP and PFI, which could be the template for the MOA with SMF as well. On 16 October 2014, the PFI/SMF group sent the revised draft of the MOA between UP with the PFI and SMF, for review of UP MSI and the PM-TMEM team.

#### *iv) Preparation of research grant proposals (January to March 2014)*

**Emerging Interdisciplinary Research Program (EIRD; Office of the Vice President of Academic Affairs[OVPA], UP System)**

In anticipation of a call for research proposals for the EIDR grant by the OVPAA within the year, the inter-CU TMEM proponents had a brainstorming session on a potential research concept note. This was held on the 2nd day of the January 10-11 Workshop on PM-TMEM Program Sustainability. An initial research framework and objectives was prepared by Dr. Porfirio Aliño and Dr. Alette Yñiguez, which was disseminated among the other key persons assigned to the sub-themes of the research program.

Concept notes below were prepared by members of the UPD PM-TMEM Project, but have yet to be developed into full-blown research proposals when the opportunity for funding arises. They constitute research projects that will not only contribute to the content of the current area of specialization, but include aspects that will be relevant to the program's future area of specialization on ecosystem approach to fisheries management. Scholarships and support for special problems of students (TMEM professionals enrolled in the program) can be incorporated into these research projects. These were initially submitted for PHIL-AM Fund (managed by the Gerry Roxas Foundation) but their review was deferred as only 1 concept note submission was allowed. These can be submitted for future funding opportunities. The descriptions on the concept notes prepared are the following:

1. A scholarship support program proposal on "Enhancing Biodiversity Conservation through Capacity Building Support for Marine Protected Area (MPA) practitioners", for 5 deserving students of PM-TMEM. The Marine Environment and Resources Foundation (MERF) will provide the management assistance and technical support. This was proposed by Dr. Maria Lourdes San Diego-McGlone's team.
2. An integrated land-sea capacity building support program on "Enhancing effectiveness of Marine Reserve Networks in the Philippines" to enhance their comprehensive land use plans through a series of workshops and technical assistance using the various tools developed by MERF to further strengthen site based MPA network support and improve their effectiveness. This was proposed by Dr. Porfirio M. Aliño's team.
3. Thirdly, using the land-sea approach, Dr. Alette Yñiguez's team proposed to use "Social Ecological Assessments of Coastal Health and Adaptive Natural Governance Enhancement (SEA CHANGE)" tools that will be linked to the applications in coastal zoning, e.g., as in the proposed approaches used by Dr. Aliño's team (Proposal 2 above) and relate this to building the resilience of marine and fisheries social-ecological systems.

#### 1.2.2.4 Preparation of teaching materials for the program courses (Oct 2013 - June 2014)

##### *i) Commissioned tasks*

###### **Development of the specific Activity Designs for the field components of the specialized MPA courses (November 2013)**

Dr. Hazel O. Arceo was tapped to prepare the Activity Designs for four (4) Specialized MPA TMEM courses. She is an MPA expert who has been involved in the program since the curriculum development workshop in February 2013, and is a faculty member of the MSI.

###### **Development of the teaching materials for the component on “Financial Sustainability of MPAs” (December 2013)**

Ms. Annabelle C. Trinidad was tapped to prepare the teaching materials of the component on *Financial Sustainability of MPAs* for the course on MPA Management and Governance.

###### **Preliminary work on the teaching material for “Socio-economic benefits of MPAs/Tropical Marine Ecosystems” (December 2013)**

Ms. Rina Rosales was tapped to prepare the teaching materials of the component on *Socio-economic benefits of TMEs/MPAs* which are to include case studies. She is a socio-economics consultant of REECS, Inc. with long experience in applications of her discipline to marine conservation and fisheries. An initial outline on the detailed scope of lecture and teaching material coverage was prepared, pending discussion on its development. An alternative option on case study development for course content was likewise prepared, but may be deferred as a separate research proposal for an independent project due to high budgetary requirements.

## *ii) Course teaching workshops for the preparation of teaching materials*

### **PM-TMEM Course Teaching Workshop I, 1-2 July 2014**

To facilitate the preparation of the various teaching materials for the TMEM courses, a PM-TMEM Course Teaching Workshop was organized for July 1-2, 2014 at the UP Hotel for the Course Coordinators, including other UP faculty and MPA practitioners being tapped to form part of the teaching teams. Preliminary discussions were held with some of the Course Coordinators on potential course team faculty members and course teaching approaches appropriate for a Professional Master's program (vis-a-vis Master of Science program approach). Meeting with Drs. Wilfredo Campos and Rodelio Subade on June 10, 2014 – Course Coordinators for TMEM 201 (Tropical Marine Ecosystems) and 202 (Dynamics of Tropical Marine Socio-Ecological Systems), respectively – constituted part of the consultative trip of the TMEM Staff with faculty and administrative staff of UP Visayas in preparation for both the PM-TMEM Course Teaching Workshop and the Inter-CU TMEM Management Committee Meeting of June 30, 2014.

The main objectives of the July PM-TMEM Course Teaching Workshop were as follows:

- i) To discuss the teaching plan for the delivery of the TMEM course content (details) including teaching approach and logistics involved;
- ii) To determine specific teaching materials for the courses;
- iii) To determine assignments among faculty, lecturers, and resource persons of the courses;
- iv) To evaluate the flow and integration mechanisms of content within and between courses based on the teaching plans;
- v) To identify specific opportunities for publication outputs of students and faculty;
- vi) To review the status of inter-CU research opportunities.

The participants were updated on the PM-TMEM status with respect to approved by the UP Board of Regents. The major activities of the workshop consisted of the simultaneous planning sessions among the various TMEM course teaching teams on the first day; and the presentations of their outputs on the second day. It was attended by 17 UP faculty and 4 resource persons (12 male; 9 female). Working documents were provided for the various TMEM course teaching teams.

Some of the highlights of the plenary sessions consisted of the following:

- The teaching approaches of some field methods i.e. biological resource assessments, are limited to familiarization of the students with the rationale,

type of data and information generated by these methods, and appropriate applications.

- Some areas of convergence identified among the courses and consequent dialogue between course teams regarding distinctive treatment of these similar topics under different courses. A TMEM technical team would be studying the detailed 3-level course outline outputs of the teams to further identify other areas of similarity for concerned course coordinators to bring out complementation of distinct topic treatments.
- Suggestions regarding some teaching materials helpful for other courses, including material that can provide proper transitions between some courses i.e. the use of State of the Coast reports to begin TMEM 202 (Dynamics of Tropical Marine Socio-Ecological Systems) as its take-off from the TMEM 201 course (Tropical Marine Ecosystems).
- Awareness of entire TMEM faculty regarding inter-cultural sensitivities when implementing the courses, considering that this is part of what is taught to TMEM practitioners in TMEM 210 (Intercultural Understanding).

Although an initial working document was sent by Dr. Hazel Arceo for TMEM 202, it was not covered due to lack of time. TMEM 211 was also not covered since the Course Coordination by a faculty member from the College of Development Communication of UPLB was still being finalized. Participants agreed to hold a follow-up workshop in August 2014.

#### **PM-TMEM Course Teaching Workshop II, 4 August 2014**

A follow-up PM-TMEM Course Teaching Workshop was held on 4 August 2014 at the University Hotel of UP Diliman for TMEM course teams to provide the teaching teams a handle on program overview and focus of each of the TMEM courses in relation to one another. Other UP faculty constituting some of the TMEM course teams met their teams for the first time. Dr. Cleofe Torres of the College of Development Communication of UPLB was assigned to detail the teaching plan for TMEM 211 Communicatin in Tropical Marine Ecosystems Management; Drs. Edwino Fernando and Nathaniel Bantayan of the College of Forestry and Natural Resources of UPLB were invited by Course Coordinator Dr. Laura David to be part of the teaching team for TMEM 203 Marine Environmental Management and Planning given their expertise in conservation planning and Geographic Information Systems tools and approaches, respectively.

The main objectives of the PM-TMEM workshop were the following:

1. To finalize the PM-TMEM teaching plans based on the adjustments of TMEM program commencement and CU hosting;
2. To determine and define aspects of continuity and convergence among the recurring themes running through the PM-TMEM curriculum ;
3. To develop the course evaluation tools;
4. To review preparations for the course materials.

The workshop started with the presentation on *PM-TMEM: Building from Sequential Blocks of Knowledge and Skills in an Integrated Approach* by Dr. Bernadette de Venecia. Emphasis was given to the nature of the professional master's program with respect to clientele consisting of practitioners pursuing career tracks outside the academe; knowledge content focused on the applied sciences; professional skills in management that is interdisciplinary with a broad contextual realm. These have implications on the requisite for on-the-ground experience of the faculty in applied research, with the TMEM teaching teams consisting of faculty and resource persons. Periodical curriculum workshops will help ensure integration of content within and between courses, aside from developing teaching materials related to the professional work of TMEM practitioners. Pedagogy is marked by field activities in marine protected area demonstration sites and work simulations. A range of PM-TMEM themes that cut across the curriculum were presented to determine areas of convergence, complementarities, and reinforcements between or among the TMEM courses. Program emphasis is given to integrating frameworks and approaches.

The revised modular schedule based on the PM-TMEM program's commencement in January 2015 was discussed. Additional changes consisted of CU hosting of modules, depending on the CU origin of the Course Coordinator or majority of team faculty.

The first work session on *Course Connectivities: Convergence, Distinctions, Complementarities* had the following objectives:

1. To determine the distinctive coverage or treatment of similar topics covered by different courses;
2. To establish continuity in the development of the various thematic elements of the program;
3. To foster dialogue between course teams regarding the development of thematic components that run through the courses (feedback; suggestions)

Participants were divided according to TMEM Course Teams. Each course team determined areas of convergence (similarity in topics) between their courses in the various themes that cut across courses. Based on the group's expanded course syllabus, the team identified distinct scope and treatment of topics that are also taken up in

other courses e.g. concepts, dimension, specific tools. Working documents were provided per group. All groups presented their results in a plenary session.

The second workshop focused on time adjustments and completion of the TMEM course teaching plans by their respective course faculty. Teams finalized teaching assignments (topics and corresponding teaching hours). Timelines on the preparation of course materials by the teams were provided.

### **1.2.3 Implementation of the PM-TMEM program**

#### **1.2.3.1 Preparation of marketing materials (January to March 2014)**

Since no brochures on the program could be officially distributed until the PM-TMEM program attained full UP BoR approval, only announcements and program briefers were circulated as soft marketing for the program ( **Annex 4.1**)

The Infographic project that was announced during the April 3, 2014 COP meeting provided an opportunity to also prepare marketing materials for circulation, once approved by USAID. These were eventually circulated with the approval of the PM-TMEM curricular proposal (**Annex 4.2**). Marketing material containing program tuition fees could not be widely distributed until approval of the PM-TMEM tuition fees by the UP BoR by the end of October 2014. These were used though, when soliciting scholarships and the support of LGUs for potential staff who can avail of the program.

#### **1.2.3.2 Marketing of the program (January to June 2014)**

As the PM-TMEM review and official approval by the UC is projected on the April 2014 UC meetings in all the CUs, the Inter-CU TMEM body at the January 2014 Workshop agreed to promote the program through soft-marketing strategies such as informal conversations and updates about the program with potential target groups/individuals. This can be done through face-to-face encounters or even using various social networks.

A two-page Brief on the TMEM Program and a document on Frequently Asked Questions (FAQs) were prepared in January 2014. These would be for distribution to all members and faculty of the Inter-CU PM-TMEM program for their use as references for the soft marketing campaign.

### *Post-BOR approval campaign*

With the approval of the PM-TMEM program by the UP BOR, except for tuition fees, the PM-TMEM started releasing the infographics (submitted to USAID for the project infographic campaign held in May 2014) as soft marketing materials to publicize the new program of the UP Systems (**Appendix 4.2**). These were shared by MSI with the other UP Partners and faculty from the other CUs. Brochures were also prepared and distributed on a limited basis due to pending approval of the tuition fees. These were used for soliciting scholarship support from potential donors and LGUs who may want to send their staff for the program (**Appendix 4.3**).

#### **1.2.3.3 Letters of Intent and CVs from TMEM practitioners**

Since an official application period for admission to the PM-TMEM program could not commence without the BoR approval of the program's tuition fees, the program continued to solicit letters of intent and the curriculum vitae (CV) of interested parties. Potential applicants were provided information on the standard documents to prepare once CUs could officially accept student applications. Five (5) TMEM practitioners have so far submitted letters of intent and their CV within the quarter.

#### **1.2.4 Networking with CRM/TMEM professionals and institutions in line with program support and partnerships (January – September 2014)**

##### **1.2.4.1 To network with CRM/MPA professionals ; individuals who can potentially be tapped for the program**

Meetings with various LGU officials to promote the program for the capacity building of government staff members of offices related to CRM or TMEM, were done through the various meetings attended by project personnel and some MSI faculty.

##### **1.2.4.2 To network with institutions who can potentially be tapped to collaborate/support the program**

Meetings with potential program partners from the private sector (PFI and SMF) and the government sector (DENR-BMB) for PM-TMEM's scholarship program were discussed earlier in the report in relation to program sustainability work.



# ANNEX 1

UP Board of Regents' approval  
of the PM-TMEM curriculum  
and related documents  
June 30, 2014

Approval of the PM-TMEM curriculum during 1298th Board of Regents Meeting of the University of the Philippines, 30 June 2014



**UNIVERSITY OF THE PHILIPPINES SYSTEM  
OFFICE OF THE SECRETARY OF THE UNIVERSITY  
AND OF THE BOARD OF REGENTS**

1 July 2014

**Memorandum No. LADLL-14-30**

**For** : **All Vice Presidents  
All Chancellors  
The Dean, UP Cebu  
All Directors, HRDO**

**Subject** : **Summary of Decisions of the Board of Regents  
at its 1298<sup>th</sup> Regular Meeting held on 30 June  
2014**

Please be informed of the attached **Summary of Decisions of the Board of Regents at its 1298<sup>th</sup> Regular Meeting held on 30 June 2014**, for your appropriate action. The said summary shall be uploaded in the official OSU website: [osu.up.edu.ph](http://osu.up.edu.ph).

The Chancellors and the Dean of UP Cebu shall please see to it that copies of the said summary are furnished to all units/person concerned.

Thank you very much for your attention.

  
1. VII  
**Prof. LILIAN A. DE LAS LLAGAS**  
Secretary of the Board of Regents

Cc: Office of the President

---

Quezon Hall, University of the Philippines, Diliman, Quezon City, 1101, Philippines  
Tel # (632) 927-6780, Telefax # (632) 920-6897, 920-6885, email: [osu@up.edu.ph](mailto:osu@up.edu.ph)

**1298<sup>th</sup> BOARD OF REGENTS MEETING****30 JUNE 2014, 9:00 a.m.****Executive House  
UP Diliman Campus, Quezon City**

20.14.1.vii

<b>ITEM NO.</b>	<b>AGENDA ITEM</b>	<b>BOARD ACTION</b>
6	Re-appointment of Prof. <b>DANILO L. CONCEPCION</b> as Dean, UP College of Law, effective 3 June 2014 until 2 June 2017	<b>APPROVED</b>
7	Appointment of Assoc. Prof. <b>PATRICIA B. ARINTO</b> as Dean of Faculty Education (Fed), UP Open University, effective 1 June 2014 until 31 May 2017	<b>APPROVED</b>
<b>ACADEMIC MATTERS</b>		
8	Use of "UPLB" as Part of the Corporate Name of the College of Economics and Management Alumni Foundation Inc. (CEMAFI)	<b>APPROVED</b>
9	Proposal for the Institution of the Professional Masters in Tropical Marine Ecosystem Management Program, a Collaborative Program among UP Diliman (Marine Science Institute, College of Science), UP Los Baños (The Graduate School, School of Environmental Science and Management, and College of Forestry and Natural Resources), and UP Visayas (Institute of Fisheries Policy and Development Studies, College of Fisheries and Ocean Sciences)	<b>APPROVED</b>
10	Proposed Revisions to the UP Expanded Modernization Program (June 2014)	<b>APPROVED</b>
11	Proposed Revisions of Guidelines of the Creative Work and Research Grants	<b>DEFERRED</b>
12	Proposal to Rename the "Office of Institutional Linkages" TO "Office of International Linkages"	<b>APPROVED</b>
13	Proposal for the UP International Linkages Program for AY 2014-2015: UP System and CU hosted International Conferences World Experts Lecture Series Continuous Operational and Outcomes-based Partnership for Excellence in Research and Academic Training Enhancement (COOPERATE) Support for Attendance of International Conference, Meetings mediated thru MOAs with partners – Faculty, REPS, Graduate Students Support for Undergraduate Student Exchanges/Mobility – "Mobility for Vigor and Excellence (MOVE UP)"	<b>APPROVED</b>

## *ANNEX 2*

*Inter-CU group picture after the PM-TMEM  
curricular approval by the AAC,  
7 November 2013*



**The TMEM Program Team after the approval of the Academic Affairs Committee last November 7, 2013**

From Bottom to Top (left to right): Dr. Mutya Manalo (CFNR-UPLB), Dr. Laura David (MSI-UPD), Dir. Marie Antonette Meñez (MSI-UPD), Dean Crispino Saclauso (CFOS-UPV), Dr. Mary Bernadette De Venecia (TMEM-MSI-UPD), Dean Leonardo Florece (SESAM-UPLB), Dr. Carlos Baylon (CFOS-UPV), Dr. Porfirio Aliño (MSI-UPD), Prof. Pastor Malabrigo (CFNR-UPLB), Dr. Nathaniel Añasco (IMFO-UPV), Ms. Mirafior Sanchez (TMEM-MSI-UPD), Dr. Mark Arboleda (SESAM-UPLB) and Dir. Jose Peralta (IFPDS-UPV)

## Annex 3

### *The PM-TMEM: Program Establishment and Sustainability Workshop 10-11 January 2014*

#### *3.1. Participants of the Workshop*

#### *3.2. Programme*

#### *3.3. Gallery of photos*

## *Appendix 1*

### *Participants of the Workshop*

# PM-TMEM: PROGRAM ESTABLISHMENT AND SUSTAINABILITY

An Inter-CU Collaborative Program Workshop

January 10 and 11, 2014 at UP Marine Science Institute, Diliman, Quezon City

## PARTICIPANTS

<i>Participant's Name</i>	<i>Organization/Institution</i>	<i>Email Address</i>	<i>Contact Numbers</i>
Dr. Porfirio M. Aliño	Deputy Director for Research, Marine Science Inst. (MSI)-College of Science (CS), UPD	<a href="mailto:alinoperry018@gmail.com">alinoperry018@gmail.com</a> <a href="mailto:pmalino2002@yahoo.com">pmalino2002@yahoo.com</a>	09178387042
Dr. Jonathan A. Anticamara	Inst. of Biology (IB)-CS, UPD	<a href="mailto:jonathan.anticamara@gmail.com">jonathan.anticamara@gmail.com</a>	09153482590
Dr. Hazel O. Arceo	MSI-CS,UPD	<a href="mailto:hoarceo@gmail.com">hoarceo@gmail.com</a>	09275598067
Dr. Laura T. David	Deputy Director for Instruction, MSI-CS, UPD	<a href="mailto:ltd_pawikan@yahoo.com">ltd_pawikan@yahoo.com</a>	09154315316
Dr. Gil S. Jacinto	MSI-CS, UPD	<a href="mailto:gjacinto@gmail.com">gjacinto@gmail.com</a>	09178118172
Dr. Maria F. Mangahas	College of Social Science and Philosophy (CSSP), UPD	<a href="mailto:maria.mangahas@gmail.com">maria.mangahas@gmail.com</a>	09173916952
Dr. Ma. Lourdes San Diego-McGlone	MSI-CS, UPD	<a href="mailto:malou_mcgclone@yahoo.com">malou_mcgclone@yahoo.com</a>	09164374750
Dr. Aletta T. Yñiguez	MSI-CS, UPD	<a href="mailto:atyniguez@gmail.com">atyniguez@gmail.com</a>	09053102023
Dr. Mark Dondi M. Arboleda	School of Environmental Science and Management (SESAM)-Graduate School (GS)-UP Los Baños (UPLB)	<a href="mailto:mark_dondi@yahoo.com">mark_dondi@yahoo.com</a>	09187961696
Dr. Jose V. Camacho	Dean, GS – UPLB	<a href="mailto:anjoecon@yahoo.com">anjoecon@yahoo.com</a>	09053242746
Dr. Edwin A. Combalicer	Associate Dean, College of Forestry and Natural Resources (CFNR)-GS , UPLB	<a href="mailto:eacombalicer@yahoo.com">eacombalicer@yahoo.com</a>	(049)576-9004
Dr. Edwino S. Fernando	CFNR-GS, UPLB	<a href="mailto:edwino.fernando@gmail.com">edwino.fernando@gmail.com</a>	(049)536-2773
Dr. Leonardo M. Florece	Dean, SESAM-GS, UPLB	<a href="mailto:lmflorece@gmail.com">lmflorece@gmail.com</a>	09165668975
Dr. Juan M. Pulhin	Dean, CFNR- GS, UPLB	<a href="mailto:jpulhin@up.edu.ph">jpulhin@up.edu.ph</a> <a href="mailto:jpulhin@yahoo.com">jpulhin@yahoo.com</a>	09478972116
Dr. Carmelita M. Rebancos	Head of Instruction, SESAM-GS, UPLB	<a href="mailto:cmrebancos2003@yahoo.com">cmrebancos2003@yahoo.com</a>	(049)536-2836
Dr. Nathaniel C. Añasco	Inst. of Marine Fisheries and Oceanology (IMFO)-CFOS, UPV	<a href="mailto:ncanasco@yahoo.com">ncanasco@yahoo.com</a>	09088742348
Dr. Carlos C. Baylon	Past Dean, CFOS-UPV	<a href="mailto:ccbaylon@upv.edu.ph">ccbaylon@upv.edu.ph</a>	09157655919
<i>Participant's Name</i>	<i>Organization/Institution</i>	<i>Email Address</i>	<i>Contact Numbers</i>
Dr. Wilfredo L. Campos	College of Arts and Sciences, UPV	<a href="mailto:oceanbio2002@gmail.com">oceanbio2002@gmail.com</a>	09082017514
Prof. Caridad N. Jimenez	Institute of Fisheries Policy and Development	<a href="mailto:cnjimz@yahoo.com">cnjimz@yahoo.com</a>	09279133574

	Studies-CFOS, UPV		
Dr. Jose P. Peralta	Director, IFPDS-CFOS, UPV	f153mentor@yahoo.com	09285017386
Dr. Gerald F. Qunitio	Director, IMFO-CFOS, UPV	gfqunitio@upv.edu.ph	09989734634
Dr. Crispino A. Saclauso	Dean, CFOS, UPV	cfos@upv.edu.ph; casaclauso@yahoo.com	09173022447
Dr. Rodelio F. Subade	CAS, UPV	rodanasu@gmail.com	09064928749
Mr. Randy Vinluan	USAID	randyvinluan@usaid.gov	
Dr. M. Bernadette B. De Venecia	UPMSI-TMEM	3mpa.upmsi@gmail.com	09158835941
Ms. Miraflor P. Sanchez	UPMSI-TMEM	mirasanchez@yahoo.com	09175242948
Ms. Ressureccion "Surie" Alip	Facilitator	suriealip@yahoo.com	09189174796
Ms. Kathryn Pauso	Documenter	kat.pauso@gmail.com	09164211719

*Appendix 2*

*Programme*

## Appendix 2. Programme

### The Professional Master's in Tropical Marine Ecosystem Management (PM-TMEM) PROGRAM ESTABLISHMENT AND SUSTAINABILITY

January 10-11, 2014, 3/F MSI Conference Room, UP Marine Science Institute

#### Workshop Objectives

7. To address potential hindering factors of the PM-TMEM approval within the collaborating CUs : resolving issues and challenges
8. To develop the appropriate marketing strategies for the program given its current status within the UP approval system
9. To come up with agreements on administrative arrangements for cash flows in a multi-campus collaborative program (within and among campuses)
10. To refine course implementation mechanisms and arrangements of the program: MPA sites, organization of teaching teams and materials
11. To finalize details of student recruitment and the admission process (levels of cut-offs for recruits and admissions)
12. To do a preliminary strategic planning regarding developmental projections for the development of second generation faculty and research

#### Workshop Schedule

Time	Activity	Presenter
<b>Day 1</b>		
9:00 – 9:30	<ul style="list-style-type: none"><li>• Arrival</li><li>• Registration</li><li>• Snacks</li></ul>	
9:30 – 10:15	<ul style="list-style-type: none"><li>• Welcome Remarks</li><li>• Presentation of Workshop Objectives and Expectations</li></ul>	<ul style="list-style-type: none"><li>• Dr. Laura David, Deputy Director for Instruction</li><li>• Ms. Surie Alip</li></ul>
10:15 – 10:30	<ul style="list-style-type: none"><li>• WHERE ARE WE NOW? Summary of Accomplishments/ Milestones viz a viz the PM-TMEM curricular proposal within the UP System</li></ul>	<ul style="list-style-type: none"><li>• Dr. Dette de Venecia</li></ul>
10:30 – 12:00	<ul style="list-style-type: none"><li>• ESTABLISHMENT OF THE PM-TMEM</li></ul>	<ul style="list-style-type: none"><li>• Ms. Surie Alip</li></ul>

	PROGRAM Scope and mechanics of the Workshop	
	<p>Break-out Work Sessions for simultaneous workshops:</p> <ul style="list-style-type: none"> <li>➤ <b>Group 1</b> - UP Approval and Consequent Marketing: Strategies to reduce risk of delay, and on consequent marketing strategy</li> <li>➤ <b>Group 2</b> – Administrative arrangements for cash flows of a multi-campus collaborative program</li> <li>➤ <b>Group 3</b> – Course implementations: MPA Sites and Hosting CUs, Course Coordinators and Teaching Materials</li> </ul>	
12:00 – 1:00	Lunch	
1:00 – 2:00	<i>Continuation of Session 1</i>	
2:00 – 3:00	Group 1: Presentation and Open Forum	
3:00 – 4:00	Group 2 : Presentation and Open Forum	
4:00 – 4:30	Break/Merienda	
4:30 - 5:30	Group 3: Presentation and Open Forum	
5:30 – 5:45	Summary and Assignments	
6:00	Dinner	
<b>Day 2</b>		
8:30 – 9:00	Registration	
9:00 – 9:15	Summary of Agreements from Day 1 Sessions	Ms. Surie Alip

9:15 – 9:30	Objectives and Workshop Mechanics for Day 2	Ms. Surie Alip
9:30 – 11:00	<p>Break-out Work Sessions for simultaneous workshops:</p> <ul style="list-style-type: none"> <li>➤ <b>Group 1</b> - Details on Student Recruitment and Admissions</li> <li>➤ <b>Group 2</b> - Developmental projections for capacity building and research</li> </ul>	
11:00 – 12:20	Group 1: Presentation and Open Forum	
12:30- 1:30	Lunch	
1:30 – 3:00	Group 2: Presentation and Open Forum	
3:00 – 3:15	Summary of Day 2	
3:15 – 3:45	<ul style="list-style-type: none"> <li>• Next Steps and Timelines</li> <li>• Closing</li> </ul>	Dr. Perry Aliño, UPMSI Program Coordinator

## *Appendix 3*

### *Gallery of photos*



Ms. Surie Alip initiates the group interactions.



Dr. Dette de Venecia gives overview on PM-TMEM status.



Dr. Laura David welcomes the participants.



Dr. Perry Aliño thanks the participants.

At the start of the day...





**Getting to know you...**



**Getting to know your views...**



I hope today we will be able to...

- to finish all business for 2 days → TODAY! 😊  
Annex - agree<sup>2</sup>
- agree!
- accomplish the obj of the workshop for today (DST)
- finish with a SMILE 😊

**FINISH TODAY! NOW.**

Our hopes and concerns ...

My concerns about the PM-TMEM

- approval of each CU Council
- enrollment
- tuition rates
- program implementation/coordination/administration
- SUSTAINABILITY
- long term partnership among CUs (wish)
- student interest / capacity / support
- scholarships



Day 1: Work Group 1 on the UP approval process



Day 1: Work Group 2 on administrative processes and agreements



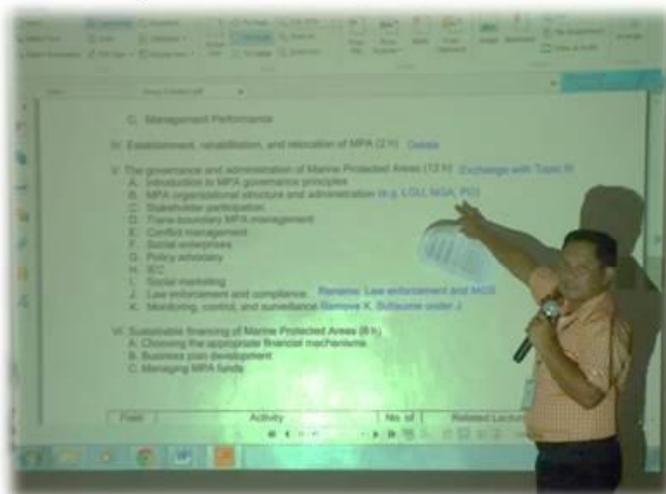
Day 1: Work Group 3 on syllabi revisions and course implementation matters



Group 1 presentation by Dr. David



Group 2 presentation by Ms. Mira Sanchez



Group 3 presentation by Dr. Nats Afiasco



Day 1: Two afternoon plenary sessions on Student Recruitment, and Admissions ...



... and on Capacity Building and Research



# PM-TMEM: PROGRAM ESTABLISHMENT AND SUSTAINABILITY

*An Inter-CU Collaborative Program Workshop*

January 10 and 11, 2014 at U.P. The Marine Science Institute, Diliman, Quezon City



From Front to Back (L-R):

Front row: Dean Leonardo Florece (SESAM-UPLB), Dean Crispino Saclauso (CFOS-UPV), Dean John Pulhin (CFNR-UPLB), Dean Jose Camacho, Jr. (GS-ULB), Dr. Porfirio Aliño (MSI-UPD); Middle row: Dr. Carlos Baylon (CFOS-UPV), Dr. Wilfredo Campos (CAS-UPV), Dr. Carmela Rebancos (SESAM-UPLB), Dr. Laura David (MSI-UPD), Dr. Rodelio Subade (CAS-UPV), Dr. Nathaniel Añasco (IMFO-UPV), Back row: Dr. Edwino Fernando (CFNR-UPLB), Dr. Gil Jacinto (MSI-UPD), Ms. Mirafior Sanchez (MSI-UPD), Dr. Maria Mangahas (CSSP-UPD), Dr. Bernadette De Venecia (MSI-UPD), Dr. Mark Dondi Arboleda (SESAM-UPLB), Jose Peralta (Dir-IFPDS-UPV), Dr. Edwin Combalicer (CFNR-UPLB), Prof. Caridad Jimenez (IFPDS-UPV), Dr. Hazel Arceo (MSI-UPD), Dr. Gerald Quintio (Dir-IMFO-UPV).

EIDR Capsule Proposal framework: Yolanda - IRRA

Interdisciplinary applications  
to sites  
IRRA applied to sites;  
→ comparison of sites w/RT  
functionality: <sup>Guian</sup> <sup>Coron</sup> <sup>Palawan</sup>  
→ islands + mainland sites

Timeline  
goal: April 2014  
cycle

submit to Pong/End of Feb. capsule proposal  
integration period: Pong, Mark, Mark  
Manotv  
capsule proposal: Gpp  
→ policies

...aiming for the April 2014 cycle

IRRA

Socio-econ, cultural — IRRA - Mark, UPV - Rodel; UPV - Wanda  
Indigenous — Jon, Willy, Hazel  
Restoration —  
Rehabilitation —  
Restoration —

with password  
KIMIKO: superperry

Dir

SITES  
all sites: (1) data

DEB# ② Bantayan - Tourism  
① Estancia - Fisheries  
① Conception  
② Tacloban  
③ Guian

① society { cultural / political ecology  
socio-economics  
ecological - E. man  
IRRA

② - ecological - E. man

③ management, policy + governance  
Key persons: 1) Society - Maria, Mark, Rodel  
2) Ec - Willy, Jon, George, Hazel, Pong, Lani, Nita  
3) Management, P.G - AJP, Coby, Manda, Col, Pong, John, Sonny P, Rodel

① Comparison - of areas  
② Socio-economic & coral changes (eg Estancia)  
Fisheries methods (Maria)  
③ Estimating restoration/achab costs ↑ TMEs (Rodel)  
④ Recovery methods + resilience (eg. coral reefs) (Jon)  
⑤ Governance as well

After the brainstorming and the EIDR Yolanda agreements ...



**CHEERS for the fruitful 2-day Inter-CU TMEM Workshop !**

## ANNEX 4

PM-TMEM Harmonization Workshop  
UP Marine Science Institute  
31 March 2014

*Appendix 1. Workshop Programme*

*Appendix 2 Attendance of Workshop Participants*

**THE PROFESSIONAL MASTERS in TROPICAL MARINE ECOSYSTEM MANAGEMENT (PM-TMEM) :  
Inter-CU Meeting on the Harmonization of UCCC Recommendations and Concerns**

March 31, 2014; 3/F New Conference Room, UP Marine Science Institute

**Meeting/Workshop Objectives**

8. To review the pre-UC strategies of the CUs to minimize risk of approval setbacks;
9. To finalize the PM-TMEM curriculum proposal that incorporates and harmonizes the various recommendations from the PAC and the UCCCs of the collaborating CUs;
10. To finalize the proposed inter-CU arrangement in relation to the application form, admission, and the trimestral academic calendar ; financial flows for disbursements, and teaching loads;
11. To review soft marketing strategies of each CU; provide additional inputs and discuss developments;
12. To discuss initial plan for a formal launch of PM-TMEM;
13. To provide an update the status of the EIDR collaborative research initiative;
14. To schedule subsequent Inter-CU meetings

**Participants**

<b>UP Diliman</b>	<b>UP Visayas</b>	<b>UP Los Baños</b>
Dr. Antonette Meñez, MSI Director Dr. Perry Aliño, MSI Deputy Director - Research Dr. Gil Jacinto, MSI faculty Dr. Aletta Yñiguez Ms. Amy Jorda, OUR Ms. Rowena Esclanda, OUR OUR Technical Person - CSR	Dr. Jose Peralta, IFPDS Director Dr. Nats Añasco, CFOS Research Coordinator Dr. Augusto Serrano, Graduate Program Office Director	Dr. Jose Camacho, Graduate School (GS) Dean Dr. Willie Abasola, GS Secretary Dr. Mutya Manalo, CFNR Sec Dr. Babes Rebanco, SESAM – Head of Instruction Dr. Mark Arboleda, SESAM faculty

**Workshop Schedule**

<b>Time</b>	<b>Activity</b>	<b>Facilitator</b>
-------------	-----------------	--------------------

8:30 a.m.	<ul style="list-style-type: none"> <li>• Arrival</li> <li>• Registration</li> <li>• Review of technical documents</li> </ul>	
9:00 – 9:30	<ul style="list-style-type: none"> <li>• Overview of PM TMEM Status among UCCCs</li> <li>• Inter-CU risk management for UC events and UC representations</li> </ul>	Dr. Dette de Venecia
9:30 – 10:30	Consensus on the final version of the PM-TMEM curriculum proposal	Dr. Dette de Venecia
10:30 – 12 nn	<p>Break-out Work Sessions (3 groups) for simultaneous workshops:</p> <ul style="list-style-type: none"> <li>➤ <b>Group 1- Application Form elements, Admission, Tri-Semestral Academic Calendar and E-UP status for Registration</b></li> <li>➤ <b>Group 2 – Inter-Cu Administrative agreements for cash flows in relation to disbursements</b></li> <li>➤ <b>Group 3 – TMEM faculty loading and inter-CU agreements program faculty</b></li> </ul>	<p>1 - Dr. Jose Camacho  2 – Ms. Mira Sanchez  3 - Dr. Aletta Yñiguez</p>
12:00 – 1:00	<i>Lunch</i>	
1:00 – 1:45	Group 1: Presentation and Open Forum	
1:45 – 2:30	Group 2 : Presentation and Open Forum	
2:30 – 3:15	Group 3: Presentation and Open Forum	
3:15 – 3:45	Plenary Discussion: Soft marketing for potential students among CUs and proposed brochure; initial planning for official launch	Dr. Dette de Venecia
3:45 - 4:00	Break/Merienda	
4:00 – 4:30	Plenary Discussion: Definitive plans for TMEM scholarships upon approval by 1 UC	Dr. Gil Jacinto
4:30 – 5:00	<ul style="list-style-type: none"> <li>- Status on collaborative research</li> <li>- Next Steps and Inter-CU meeting schedule</li> </ul>	Dr. Nats Añasco

*Appendix 2*

*Attendance of Workshop Participant*

THE PROFESSIONAL MASTERS in TROPICAL MARINE ECOSYSTEM MANAGEMENT (PM-TMEM) :  
 INTER-CU MEETING ON THE HARMONIZATION OF UCCC RECOMMENDATIONS AND CONCERNS

March 31, 2014  
 The Marine Science Institute, U.P. Diliman, Quezon City

**ATTENDANCE**

Name	Unit/College	Email Address/ Contact Number	Signature
Dr. Marie Antonette J. Meñez	UPMSI-UPD		
Dr. Porfirio M. Aliño	UPMSI-UPD	alinoperyas@gmail.com	
Dr. Gil S. Jacinto	UPMSI-UPD	gjacinto@gmail.com	
Dr. Aletta T. Yñiguez	UPMSI-UPD	atyngare@msi.upd.edu.ph	
Ms. Nel Nieto	UPMSI-UPD	nel_nieto@yahoo.com	
Ms. Rowena Esclanda	OUR-UPD	resclanda@gmail.com loc 4157	
Ms. Amelita Jorda	OUR-UPD	Amelita.jorda@gmail.com 9818500 loc. 4553	
Dr. Mary Bernadette B. De Venecia	MERF-UPMSI-UPD		
Ms. Mirafior P. Sanchez	MERF-UPMSI-UPD		

THE PROFESSIONAL MASTERS in TROPICAL MARINE ECOSYSTEM MANAGEMENT (PM-TMEM) :  
 INTER-CU MEETING ON THE HARMONIZATION OF UCCC RECOMMENDATIONS AND CONCERNS

March 31, 2014  
 The Marine Science Institute, U.P. Diliman, Quezon City

**ATTENDANCE**

Name	Unit/College	Email Address/ Contact Number	Signature
Dr. Jose Peralta	IFPDS-UPV	jp@ifpds.upv.edu.ph	
Dr. Nathaniel Añasco	CFOS-UPV	nanasco@upv.edu.ph	
Dr. Augusto Serrano	GPO-UPV	serrano.guz@gmail.com	
Dr. Jose Camacho	GS-UPLB	camacho@uplb.edu.ph	
Dr. Willie Abasola	GS Sec-UPLB		
Dr. Mutya Manalo	CFNR-UPLB		
Dr. Carmelita Rebanco	SESAM-UPLB	cmrebanco@uplb.edu.ph (09)536-2836	
Dr. Mark Dondi Arboleda	SESAM-Faculty		
ARDEN CHRISTO PABE C. CHAN	OUR-CES	arden.ers@gmail.com	
PROF. MARLO MENDOZA	CFNR - UPLB	marlobk@yahoo.com	

## ANNEX 5

### PM-TMEM Soft Marketing Material

*Appendix 1. Soft marketing materials consisting of program announcement and solicitation of letters of intent*

*Appendix 2. Infographic material as post-BOR approval soft marketing material*

*Appendix 3 Brochures distributed to potential donors and LGUs*

Appendix 1. Soft marketing materials consisting of program announcement and solicitation of letters of intent

## **ANNOUNCEMENT**

The Professional Masters in Tropical Marine Ecosystems Management (PM-TMEM) with Marine Protected Areas (MPA) as the area of specialization has been approved by the respective University Councils of the University of the Philippines in Diliman (UPD), Los Baños (UPLB), and Visayas UPV). Pending the approval of the UP Board of Regents in June 2014, the program will commence in September 2014.

The program is scheduled for 4 Trimesters (September 2014 – December 2015), and will consist of 7 modules of lecture with field work in various MPA demonstration sites in the Philippines and another country within the Coral Triangle. Each module consists of 2 to 3 weeks of class contact days. It is designed for practitioners from government units, agencies, NGOs, and members of the private sector involved in MPA management and governance.

Admission requirements are the following:

- Bachelor's degree from a CHED-accredited institution of higher learning in the Philippines; or its equivalent if from other countries
- Minimum 2 years work experience in relation to MPAs or marine resource management
- Interview that can be conducted online

Interested parties may email their letter of intent and CV for preliminary evaluation to the PM-TMEM Program Officer in the following UP units nearest your work place.

UPD Marine Science Institute  
TeleFax: (632) 426-6113  
Email [3mpa.upmsi@gmail.com](mailto:3mpa.upmsi@gmail.com)

UPLB School of Environmental Science and Management  
Tel (6349) 536-2868, 536-3080  
Email: [sesam@uplb.edu.ph](mailto:sesam@uplb.edu.ph)

UPV Inst. of Fisheries Policy and Development Studies  
TeleFax (6333) 315-9030  
Email: [upv\\_ifpds@yahoo.com](mailto:upv_ifpds@yahoo.com)

## PROFESSIONAL MASTERS in TROPICAL MARINE ECOSYSTEMS MANAGEMENT

with area of specialization in **Marine Protected Areas**

### Overview of the Program

The upcoming Professional Masters in Tropical Marine Ecosystems Management (PM-TMEM) is designed for professionals who wish to pursue careers tracks in government, civil service organizations, and private sector involving the management and governance of tropical marine ecosystems. It focuses on the applied sciences for the development of professional skills and practical analyses of practitioners. This program will be implemented following a modular, sequential approach that can be completed in 1.5 years. A distinctive element of the PM-TMEM program is its integrative, trans-disciplinary approach within and across the courses, with lectures and field components handled by various interdisciplinary teams of faculty, including local and international experts. The program culminates with the completion of an independent special project that addresses gaps in the management and governance of tropical marine ecosystems within the students' areas of responsibility.

PM-TMEM is part of the graduate offerings of the University of the Philippines (UP), with specific collaboration among 3 campus, these are UP Diliman, UP Los Baños, and UP Visayas.<sup>1</sup>

The program combines the expertise and vast experience of well-established programs in the 3 campus: (i) UP Diliman's Marine Science Institute, (ii) UP Visayas' Institute of Fisheries Policy and Development Studies, and (iii) UP Los Baños' School of Environmental Science and Management, and the College of Forestry and Natural Resources. All students from the 3 UP campus will constitute a batch who will attend all courses of the program as a single class.

### Program Format

PM-TMEM consists of 35 academic units of course work consisting of lecture, field work, presentations, and applications. The program can be completed in 4 trimesters. In the program's modular, sequential approach, each module will have 2 courses taken sequentially with 2-3 weeks contact time per module. Students are given pre-module preparatory assignments and post-module take-home assignments. The final module will consist of students' presentations of their special projects. PM-TMEM is designed so that students can continue with their respective professions while enrolled in the program.

### Curriculum

#### 1<sup>st</sup> Trimester

##### **Module 1 – TMEM in the Coral Triangle**

**TMEM 201. Tropical Marine Ecosystems.** Ecological foundations of tropical marine ecosystems (3units)

**TMEM 210. Intercultural Understanding in the Management of Tropical Marine Ecosystems.**

Multi-cultural realities and diversity issues in tropical marine ecosystem management in Southeast Asia and the Coral Triangle (1 unit)

##### **Module 2 – Fundamentals of TME Management**

**TMEM 202. Dynamics of Tropical Marine Socio-Ecological Systems.** Interactions of social, political, cultural, economic, and ecological issues in tropical marine ecosystems (4 units)

**TMEM 203. Marine Environmental Planning and Management.** Principles and tools of marine environmental planning and management (4 units)

#### 2<sup>nd</sup> Trimester

##### **Module 3 – Tropical Marine Ecosystem Management and Governance**

**TMEM 220. Marine Protected Area Management and Governance.** Integration of socio-ecological systems and designs; legal frameworks, governance and administration principles, and sustainable financing schemes (3 units)

<sup>1</sup>The program has been approved by the respective University Councils of UP Diliman, Los Baños, and Visayas. Pending the approval of the UP Board of Regents in June 2014, it will commence in September 2014.

**TMEM 211. Communication in Tropical Marine Ecosystem Management.** Communicating knowledge, issues, and policies to stakeholders involved in tropical marine ecosystem management (1 unit)

**Module 4 – Strategic Planning for Tropical Marine Ecosystem Management**

**TMEM 221. Strategic Planning for Marine Protected Areas.** Application of strategic planning principles and tools to marine protected areas (5 units)

**TMEM 296. Seminar.** Presentation of relevant issues in tropical marine ecosystem management (1 unit)

**3<sup>rd</sup> Trimester**

**Module 5 – Marine Protected Area Management Plan Implementation**

**TMEM 222. Marine Protected Area Management Plan Implementation.** Management processes, systems and standards in the operation of single site marine protected areas (5 units)

**Module 6 – Marine Protected Area Systems**

**TMEM 223. Marine Protected Area Networks and Large Marine Ecosystems.** Networking and alliance building within and among local, provincial, and national entities for the governance of marine protected area systems (5 units)

**4<sup>th</sup> Trimester**

**Module 7 – Tropical Marine Ecosystem Management Effectiveness and Good Governance**

**TMEM 297. Special Problem** (3 units)

**Admission Requirements**

PM-TMEM admission requirements are as follow:

- i) Bachelor’s degree from a CHED-accredited institution of higher learning in the Philippines; or its equivalent if from other countries
- ii) minimum of 2 years relevant work experience
- iii) proof of English proficiency (TOEFL minimum score of 500 for international students)
- iv) interview that can be conducted online

**Program Cost for per student\***

<b>Program Trimester</b>	<b>Tuition** &amp; Misc Fees</b>	<b>ILE***</b>	<b>Total Cost</b>
1st Trimester	37,000.00	90,600.00	127,600.00
2nd Trimester	30,000.00	96,000.00	126,000.00
3rd Trimester	31,000.00	65,000.00	96,000.00
4th Trimester	10,500.00	43,400.00	53,900.00
<b>Total Costs</b>	<b>108,500.00</b>	<b>295,000.00</b>	<b>403,500.00</b>

\* International students pay an additional fee of \$400 per trimester

\*\* Tuition fees include the lecture and laboratory fees and miscellaneous fees  
Lecture fees at Php 2,500 per unit; Laboratory/field fees at Php 3,500 per unit

\*\*\* Incidental Living Expenses

**Contact Information**

Interested parties may contact any of the PM-TMEM Program Coordinators:

UP Diliman – Dr. Antonette J. Meñez, MSI Director: 3mpa.upmsi@gmail.com; annettemenez@gmail.com

UP Los Baños – Dr. Leonardo M. Florece, SESAM Dean: sesam@uplb.edu.ph; lmflorece@gmail.com

UP Visayas – Dr. Jose P. Peralta, IFPDS Director: ifpds@upv.edu.ph; f153mentor@yahoo.com

Appendix .2. *Soft marketing infographic material during post-BOR approval period*

**If you are...**

- 🎓 A Bachelor's degree holder from a CHED-accredited institution of higher learning in the Philippines; or its equivalent if from other countries
- 🎓 A practitioner with a minimum of 2 years relevant work experience
- 🎓 Proficient in English (TOEFL minimum score of 500 for international students)
- 🎓 Ready for an interview with the Program Directors

**... then apply now without having to leave your work for the entire trimester!**



**UNIVERSITY OF THE PHILIPPINES**  
DILIMAN • VISAYAS • LOS BAÑOS

## Professional Masters in Tropical Marine Ecosystems Management

**Innovative, Relevant and Interdisciplinary  
1.5-Year Postgraduate Program • Integrative and Modular Approach**

**Year 1 1<sup>st</sup> Trimester**

- MODULE 1: TMEM in the Coral Triangle and SEA**  
TMEM201 Tropical Marine Ecosystems
- TMEM210 Intercultural Understanding in the Management of Tropical Marine Ecosystems

↓

**MODULE 2: Fundamentals of TME Management**  
TMEM202 Dynamics of Tropical Marine Socio-Ecological Systems

TMEM203 Marine Environmental Planning and Management

↓

Preliminary Examination (Prior to Tri-term 2)

**Year 1 2<sup>nd</sup> Trimester**

- MODULE 3: Management & Governance of TMEs**  
TMEM220 Marine Protected Area Management and Governance
- TMEM211 Communication in Tropical Marine Ecosystems Management

↓

**MODULE 4: Strategic Planning for TMEM**  
TMEM221 Strategic Planning for Marine Protected Areas

TMEM299 Seminar (Special Problem Topic)

**Year 1 3<sup>rd</sup> Trimester**

- MODULE 5: MPA Management Plan Implementation**  
TMEM222 Marine Protected Area Management Plan Implementation

↓

**MODULE 6: Marine Protected Area Systems**  
TMEM223 Marine Protected Area Networks and Large Marine Ecosystems

↓

**Year 2 1<sup>st</sup> Trimester**

- MODULE 7: TME Management Effectiveness & Good Governance**  
TME 297 Special Problem (Presentations)

**35 academic units of lecture and field work**

**The program can be completed in 4 trimesters**

For more information, contact:  
**PM TMEM Office** Telefax. No. +632-4266113; 3mpa.upmsi@gmail.com  
 Room. 317 Mezzanine, The Marine Science Institute, Velasquez St.,  
 UP Diliman, Quezon City 1101, Philippines

*4.3 Brochures distributed to potential donors and LGUs (4 pages)*



**Professional Masters in  
Tropical Marine Ecosystems Management**

Initial Area of Specialization **Marine Protected Areas**

University of the Philippines  
Diliman • Visayas • Los Baños

- ❖ Innovative, Relevant and Interdisciplinary
- ❖ 1.5-year postgraduate program

**Professional skills**

**International expertise**

**Theoretical principles**

**Science-based management**

**Practical tools**



**Professional Master's Program in  
Tropical Marine Ecosystems Management  
Initial Area of Specialization Marine Protected Areas**

**Introduction**

The Coral Triangle (CT) is a geographic area referring to the triangular area of the tropical marine waters of Indonesia, Malaysia, Papua New Guinea, Philippines, Solomon Islands and Timor-Leste that contain at least 500 species of reef-building corals. The region represents the global epicenter of marine biodiversity, with the Philippines located at the “center of the center” of world marine biodiversity. However, the marine resources of the Philippines and the region have been faced with the threats of unsustainable fishing practices, land-based pollution and coastal development, including the hazards and risks of climate change.

In order to accelerate marine conservation, there is a need to address the range of gaps in effective management and good governance of tropical marine ecosystems especially the dearth of skilled expertise in this field. This brings to fore the *urgent need for an academic program that will integrate science and experience in order to address social and ecological concerns important to biodiversity and marine conservation*, linked to the sustainable development of the region.

**Overview of the Program**

The Professional Masters in Tropical Marine Ecosystems Management (PM-TMEM) is designed for professionals pursuing careers in government, civil service organizations, and private sector that involve the management and governance of tropical marine ecosystems. It focuses on the application of the sciences for the development of professional skills and practical analyses of practitioners. This program will be implemented following a modular, sequential approach that can be completed in 1.5 years. A distinctive element of the PM-TMEM program is its integrative and trans-disciplinary approach within and across the courses, with lectures and field components handled by various interdisciplinary teams of faculty, including local and international experts. The program culminates with the completion of an independent special project that addresses gaps in the management and governance of tropical marine ecosystems within the students' areas of responsibility.

PM-TMEM is part of the graduate offerings of the University of the Philippines (UP), with specific collaboration among 3 campuses -- UP Diliman, UP Los Baños, and UP Visayas. The program combines the expertise and vast experience of well-established programs of the following academic institutions: (i) *UP Diliman's Marine Science Institute*, (ii) *UP Visayas' Institute of Fisheries Policy and Development Studies*, and (iii) the *UP Los Baños Graduate School, School of Environmental Science and Management*, and the *College of Forestry and Natural Resources*. All students from the 3 UP campuses will constitute a batch that will attend all courses of the program as a single class.

**Program Format**

PM-TMEM is composed of 7 modules equivalent to 35 academic units of course work consisting of lecture, field work, presentations, and applications. The duration of the program is 1.5 years. With the program's modular, sequential approach, each module with 2-3 weeks contact time, will consist of 2 courses taken sequentially. Students are given pre-module preparatory assignments and post-module take-home assignments. The final module will consist of students' presentations of their special projects. PM-TMEM is designed so that students can continue with their respective professions while enrolled in the program.

## Description of Program Courses

### 1<sup>st</sup> Trimester (12 units)

#### Module 1 – TME in the Coral Triangle

**TMEM 201. Tropical Marine Ecosystems.** Ecological foundations of tropical marine ecosystems  
**TMEM 210. Intercultural Understanding in the Management of Tropical Marine Ecosystems.** Introduction of intercultural competence as an essential skill of effective tropical marine ecosystem managers

#### Module 2 – Fundamentals of Tropical Marine Ecosystem Management

**TMEM 202. Dynamics of Tropical Marine Socio-Ecological Systems.** Interactions of social, political, cultural, economic, and ecological issues in tropical marine ecosystems  
**TMEM 203. Marine Environmental Planning and Management.** Principles and tools of marine environmental planning and management

### 2<sup>nd</sup> Trimester (10 units)

#### Module 3 – Management and Governance of Tropical Marine Ecosystems

**TMEM 220. Marine Protected Area Management and Governance.** Integration of socio-ecological systems and designs; legal frameworks, governance and administration principles, and sustainable financing schemes  
**TMEM 211. Communication in Tropical Marine Ecosystem Management.** Concepts, principles, processes, and necessary tools of communicating knowledge, issues, and policies for stakeholders involved in tropical marine ecosystem management

#### Module 4 – Strategic Planning for Tropical Marine Ecosystem Management

**TMEM 221. Strategic Planning for Marine Protected Areas.** Application of strategic planning principles and tools for Marine Protected Areas  
**TMEM 296. Seminar**

### 3<sup>rd</sup> Trimester (10 units)

#### Module 5 – Marine Protected Area Management Plan Implementation

**TMEM 222. Marine Protected Area Management Plan Implementation.** Management processes, systems and standards that support the day-to-day operations of single site Marine Protected Areas

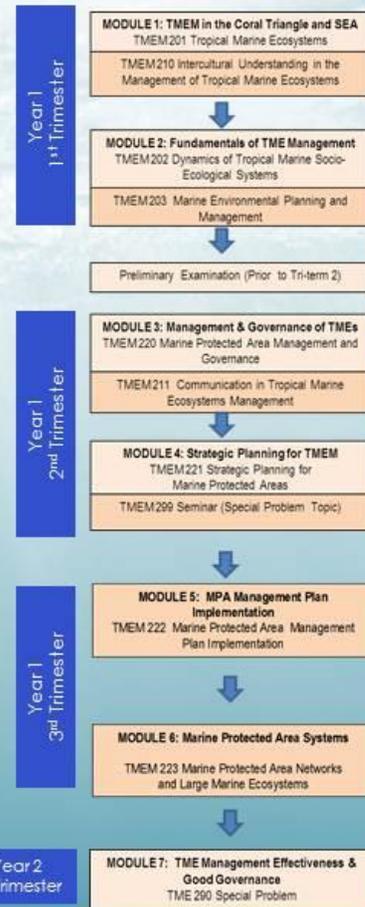
#### Module 6 – Marine Protected Area Systems

**TMEM 223. Marine Protected Area Networks and Large Marine Ecosystems.** Networking and alliance building within and among local, provincial, and national entities for the governance of marine protected area networks and large marine ecosystems

### 4<sup>th</sup> Trimester (3 units)

#### Module 7 – Tropical Marine Ecosystem Management Effectiveness and Good Governance

**TMEM 297. Special Problem**



The program can be completed in 4 trimesters

## Admission Requirements



PM-TMEM admission requirements are as follow:

- ✓ Bachelor's degree from a reputable institution of higher learning
- ✓ Minimum of 2 years relevant work experience
- ✓ Proof of English proficiency (TOEFL minimum score of 500 for foreign students)
- ✓ Interview

## Program Cost for Local and Foreign Students

Particulars	Local Student	International Student
Basic Tuition Fee (35 units)	Php 108,500 US \$2,523	Php 108,500 US \$2,523
Mobilization within modules	Php 295,000 US \$6,860	Php 295,000 US \$6,860
International student's fee: \$500 per term		US \$2,000
Incidental Living Expenses (4 trimesters)	Php 400,000 US \$9,303	Php 400,000 US \$9,303
<b>Total Fees (4 trimesters)</b>	<b>Php 803,500</b>	<b>Php 889,500</b>
<b>*Excluding travel cost to and from place of origin</b>	<b>US \$18,686*</b>	<b>US \$20,686*</b>

NOTE: US\$ at current rate (subject to change)



## Contact Information

Interested parties may contact any of the PM-TMEM Program Coordinators or the PM TMEM Program Office:

### UP Diliman

Dr. Anette J. Meñez, MSI Director  
msiadmin@msi.upd.edu.ph

### UP Los Baños

Dr. Jose V. Camacho, Jr., Graduate School  
uplb.gs@gmail.com  
anjoecon@yahoo.com

Dr. Leonardo M. Florece, SESAM  
sesam@uplb.edu.ph;  
lmflorece@gmail.com

Dr. Juan M. Pulhin  
docfnr@uplb.edu.ph  
jmpulhin@up.edu.ph

### UP Visayas

Dr. Jose P. Peralta, IFPDS Director  
ifpds@upv.edu.ph;  
f153mentor@yahoo.com

### PM TMEM Program Office

Room 317 Mezzanine, The Marine Science Institute,  
Velasquez St., UP Diliman, Quezon City, Philippines 1101  
Telefax. No. +632-4266113; 3mpa.upmsi@gmail.com