



**PHILIPPINE ASSOCIATION OF EXTENSION PROGRAM  
IMPLEMENTERS, INC. (PAEPI) - SEC REG. NO. CN200910059**

c/o External Relations Office (formerly Department of Research and Extension Services)  
Maritime Academy of Asia and the Pacific-AMOSUP-PTGWO  
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January 10, 2011

**Capt Sean Anthony U Villa**  
Head, N8 Education and Training  
Philippine Navy Headquarters, Manila

Dear Capt Villa,

Thank you for my participation from the recently concluded LIMA 2011 or Langkawi International Maritime and Aerospace Exhibit held at Mahsuri International Exhibition Center in Langkawi Island on **November 25 to December 21, 2011**. With my participation at LIMA 2011, I had the opportunity to observe, converse, witness, and finally reflect on the latest trends on maritime and aerospace.

The Philippine Navy as a “*Guardian of the Philippine Seas*” needs to be updated and trained on the latest marine information technologies. As previously discussed with your good office, the use of GIS technology is a new and novel approach that can produce objective information to support Philippine Navy in making intelligent decisions quickly.

Aware of the thrusts of N8 Education and Training on building its capacity, I have come up with a relevant activity as your reserve officer (LCDR). I am pleased to submit a seminar-workshop proposal entitled “*Introducing Geographic Information Systems (GIS) Technology as a Tool to Enhance the Decision Making Capacity of the Philippine Navy*” hereto attached as **Encl 1**. This proposal is prepared for the continuous evolution of Philippine Navy into a more efficient and effective naval defense and security force so it could better address the new dynamic challenges in the archipelago.

This proposal was conceptualized considering my partnership and coordination with a GIS Research Expert, **Dr. Alejandro Tongco of Oklahoma State University (USA)** as my GIS adviser. He is also the Founder and Project Director of the Philippine GIS data Clearinghouse ([www.philgis.org](http://www.philgis.org)). With our regular coordination via email about a year, we came up with a proposal for the possible uses of GIS for the institutional, research and extension services capability of MAAP and our project partners like BPSU and the Province of Bataan. We are also able to prepare a GIS primer for initial understanding of this system (**Encl 2**).

On the other hand, I was able to present a paper entitled “**Introducing the Emergent GIS Applications for the Enhancement of Research and Institutional capacity for Global Competitiveness cum Use of GIS in Human Security**” co-authored with Dr. Tongco, during the International Federation of Social Organizations (IFFSO0 20<sup>th</sup> general conference with the theme ‘*Social Science Perspective on Human Security*’ held on November 18-20, 2011 at Lyceum of the Philippines University in Batangas City.

Further, to advance the use of GIS in our institution, MAAP President invited Dr. Tongco in the Philippines to conduct series of trainings in MAAP, BPSU and the Province of Bataan. As he accepted this invitation, he will be in the country in March 2012 to conduct series of trainings for various groups like MAAP, BPSU, Province of Bataan and Philippine Navy, if granted by your office.

If you find the attached proposal useful for Philippine Navy, may I recommend the following?

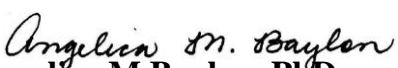
1. Meeting at the Philippine Navy on **March 5 , 2012** at your convenient time so I may introduce Dr. Tongco prior to the proposed GIS Seminar-workshop Training at PN on March 6-9, 2012
2. Accommodations, meals and local transportation be provided to Dr. Tongco by the Philippine Navy during the training schedule for PN.
3. Invitation letter be sent to Dr. Tongco via email at [al.tongco@okstate.edu](mailto:al.tongco@okstate.edu), so he would know if the Philippine Navy is interested to have the said training:  
**ALEJANDRO F. TONGCO, PhD**  
Research Specialist- Geographic Information System (GIS)  
Oklahoma State University  
Oklahoma, USA
4. Endorsement of my application on behalf of Dr. Tongco to the DOST Program for Balikbayan Scientist. This DOST application would be justified by his role in the implementation of the 2-year project proposal especially as his expertise and services are tapped by MAAP, BPSU, Province of Bataan and PN for GIS-based research and projects.

After the seminar-workshop and you find the GIS useful and would like it to be institutionalized at the Philippine Navy for the 6 training institutes under your administration, then we can prepare a two-year project proposal for PN to be funded by DOST. PN's counterpart would then be infrastructure, equipment, manpower and services, yours truly will be the proponent and Dr. Tongco would conduct the trainings and monitor if the project is successfully implemented.


I look forward to your positive response on this proposal.

For your information and approval, Sir. Thank you very much.

Very respectfully yours,

  
**Angelica M Baylon, PhD**  
LCDR, Philippine Navy (Reserve Officer)  
Director for Research and Extension Services, MAAP  
**PAEPI Chair Emeritus**

Noted by:

  
**VADM Eduardo Ma R Santos, AFP (Ret)**  
MAAP President  
**PAEPI Honorary Adviser**

