

Introducing MAAP and PAEPI- Global for External Linkages

(Special Communication Invitation for MASCOT 2015 for Global Partnerships)
Meeting on Applied Scientific Computing and Tools (MASCOT)



PROF. ANGELICA M. BAYLON, PhD

External Relations Director, MAAP

Chairman and President Emeritus, PAEPI-Global

**MARITIME ACADEMY OF ASIA AND THE PACIFIC
BATAAN, PHILIPPINES**

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ABSTRACT

- *summary of programs/projects/activities and initiatives in support to ASEAN 2015 integration by accomplishing MDG8 on global partnerships*
- *photo-documentation of continuous quality improvement and accomplishments (seen at MAAP & PAEPI-Global website)*
- *In 2014, DRES has been officially dissolved, separating Research and Extension Services units and establishing an External Relations Office ERO focused on linkages/networks*
- *this articulates various initiatives and contributions scholarly activities or services rendered as per external requests, commendations/awards from reputable external agencies*
- *outcomes-based Best Practices*



STATEMENT OF THE PROBLEM AND ITS BACKGROUND

- ❑ Voyage plan – includes *human development, social welfare, protection, and social justice, rights, ensuring environmental sustainability, building the ASEAN identity and narrowing the development gap*
- ❑ Join ASEAN by contributing one's share in the attainment of the 8 MDGs: poverty, education, gender, health, environment & global partnerships by focusing on the 5 key factors: *advocacy and linkages, knowledge, resources, expertise and regional cooperation*
- ❑ These factors are foundation or basis upon which one can refine and transform into actions, to support global partners in accelerating the MDG attainment



STATEMENT OF THE PROBLEM

- ❑ identify the progress, common challenges and lessons learned and good practices in global partnership
 - ❑ to alleviate poverty and narrow the development gap thru mutual assistance and cooperation, promote sustainable development to ensure among others, high quality of life
 - ❑ to develop HR through closer cooperation in education
 - ❑ to enhance the well-being & livelihood of peoples of ASEAN by providing them, with equitable opportunities for human development, social welfare and justice
- ❑ Academic partnership includes: 11 Asian maritime universities [AMFUF], **Australia** (AAREF); **USA** (AUSN, TTU & TREEDC; **Europe** (Southampton University and Gdynia Maritime University thru TRANSNAV and now MASCOT) etc
- ❑ various actions in supporting development agenda of ASEAN with findings based on existing MOAs signed with external global and local institutions.



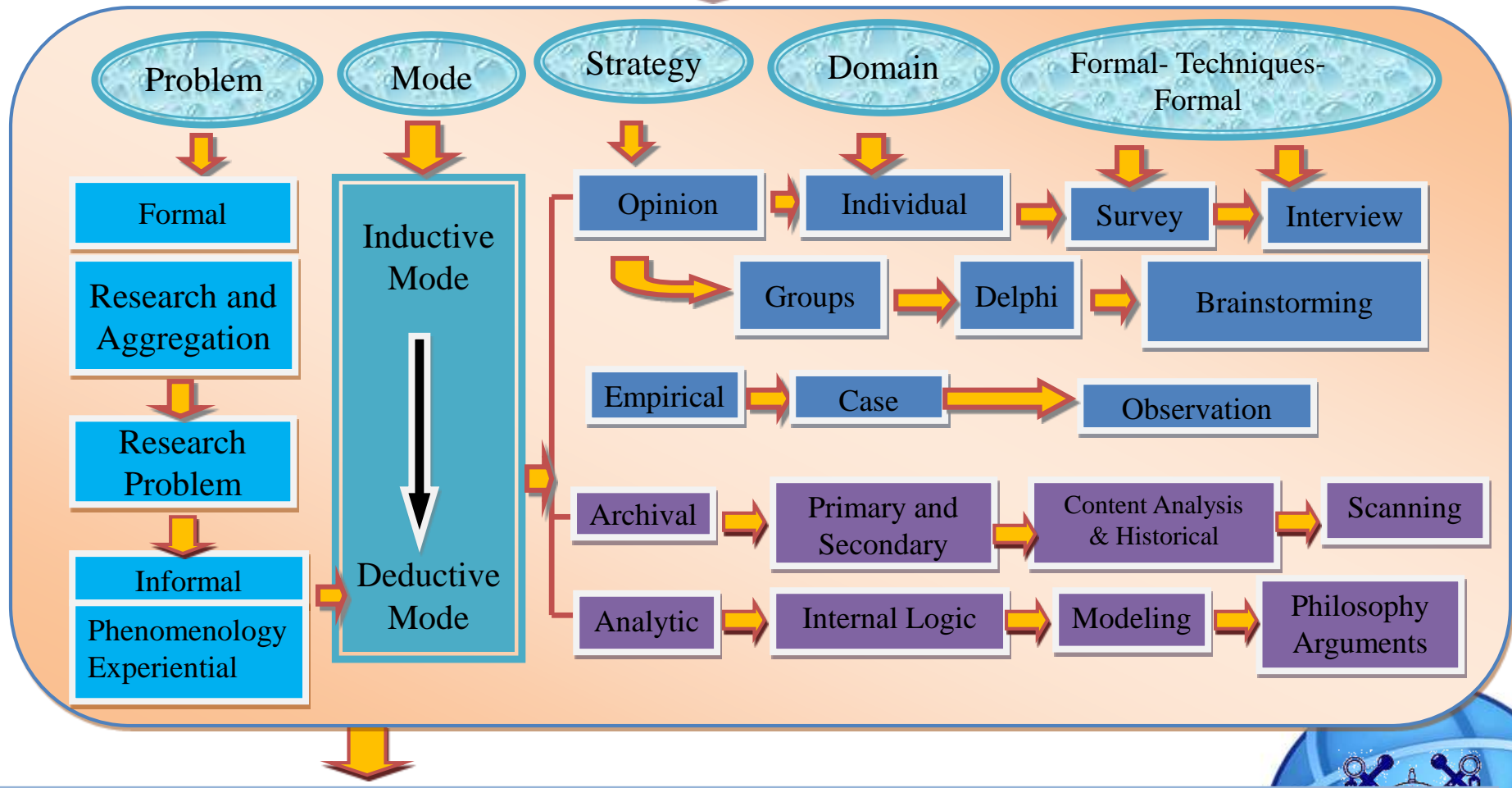
REVIEW OF LITERATURE

- VMGOs (MAAP and PAEPI Global)
- Quality Policy Manual, involves efficient and effective documentation and implementation of policies, processes, and programs relevant to maritime education and training services that meet customer, statutory, and regulatory requirements as influenced by the business environment including changes or risk associated and **international standards**
- Various **recognitions** are reflected in a number of commendations, invitations for scholarly activities and agreements for academic and professional endeavors and the same are documented chronologically and presented in the 79–page paper with photo proofs and respective web links for more details.



CONCEPTUAL FRAMEWORK

VMGO PACUCOA Accreditation Areas National and International Standards ASEAN Roadmap for Schools PACUCOA Accreditation tools



International Integration for World Peace
Thru MDGS Accomplishments and

Accomplishments Best Practices
Success Outcomes / Outputs

METHODOLOGY

- This qualitative study relies on 3 basic data gathering techniques: observation, interviews and documentary analysis or **content analysis** of facts and records from records **January 2013 to December 2014**.
- These are all recorded thoroughly, accurately and systematically using field notes, video and audiotapes, photographs and other suitable means.
- Conclusions are drawn based upon hard evidences gathered from information collected from real life **experiences** or observations by the researchers themselves



MAAP LINKAGES IN THE MARITIME INDUSTRY

- actively involved with the Women in Maritime (WIMAPHIL) activities as one of the Board of Advisers
- as AFNI of NI London and the development contact person of the Nautical Institute (NI) Philippine Branch with Vadm Santos as President
- as workshop admin for GlobalMET-TKF Professional Development Program (April 28-29, 2014; Oct. 7-8, 2014 and Nov 25-26, 2014)
- Participated in various maritime forum, conferences and roundtable discussions with VAdm Santos as Vice Chair of Global MET



MET LINKAGE WITH INM, SOUTH KOREA

- 2009 – MAAP – INM MOA on international cooperation
- **January 4, 2013** – visit of Incheon National Maritime High School (INM) Officials (**Vice-Principal and Ms Song**) to discuss MOA for a maritime senior high school (SHS) sc
- **March 1, 2013**, initiated and organized the MOA Signing between MAAP and INM with DepEd, CHED and TESDA as witnesses
- Shared maritime HS curriculum with other partners and PAEPI member institutions
- On-going monitoring and evaluation of project



L2 MAAP SCHOLARS STUDY IN KOREA - Maritime Academy of Asia and the Pacific (MAAP) president Admiral Eduardo P. S. Santos (4th from right) and Incheon National High School (INM) principal Kim Myung-Sik (2nd from left) show the Memorandum of Agreement (MOA) for international relationship and cooperation documents they signed on March 1, 2013. The signing rites were held at the 'State-of-the-art' computer campus of MAAP at Ramapo Point, Marikina City, Metro Manila. Under the MOA, L2-Incheon campus of MAAP is offering a scholarship for L2 MAAP students to study at INM, Republic of Korea for one year, starting this year. Also shown with Mr. Kim and Admiral Santos, from left, are Mr. Shin Myung-Joo, Dr. Angelita M. Baylan, Dr. Virginia D. Alamo, Mrs. Julia S. VICENTE, Dr. Yuzuki Sato, Ms. Virginia Cuevas-Castillo and Ms. Kim Joon. The INM scholarship grant will be based on MAAP's recommendation, as clearly



FINDINGS Renewable Energy Conference at BIT's Frontier Industrial Forum, Qingdao, China

- Presented “ *Ocean Energy and other Renewable Energy Sources: Recent Updates in the Philippines*”
- Dr Baylon as member of the Scientific Board of advisers representing Philippines
- 2 papers presented: “*Introducing GIS as a tool to enhance research and campus management in Philippine MET: MAAP initiative*” and “*The Global Seafaring Challenges, Opportunities and Threats from the Maritime Stakeholders Viewpoints*”
- partnered with Department of Energy OE and UP Diliman for the data needed
- Presented proposed projects of **DOE** (one project on solar energy) and **UP Diliman** (5 projects on ADORE or Advancing Ocean Renewable Energy) for funding by external agencies thru project matchmaking
- Recommended **5 PAEPI member institutions** sponsored by Qingdao Govt in addition to NRCP Director **Carina Lao**, SIMS, VP **Dr Glenn Mark Blasquez** , AMEA Director **Dr. Ray Yen** of NTOU, all sponsored by Dr. Angelica Baylon as PAEPI Global Chair and BOA of Bit Conference



Partnership with TREEDC on Renewable Energy Projects/Initiatives

- first time for TREEDC, Tennessee, USA to partner with a maritime school who spearheaded and shared the partnership with **6 PAEPI members institutions** (LPU,PNU,PLP,BPSU , PUP etc)
- promoted goodwill in line with VMGO on linkaging and sharing its activities with others
- Feb. 27, 2014 – MOA with TREEDC and other partner agencies



MAAP-TREEDC ACCORD ON USE OF RENEWABLE ENERGY - Maritime Academy of Asia and the Pacific (MAAP) President Vice Admiral Eduardo Ma. R. Santos (left) AFP, (ret.), welcomes Tennessee Renewable Energy and Economic Development Council (TREEDC) President Mayor James Bailey (3rd from left) of Dook town, Tennessee, USA and TREEDC directors Dr. Warren (4th from right) and Doug Jackson (right) during the recent signing ceremonies for MAAP-TREEDC memorandum of agreement (MOA) on use of 'renewable energy' for an 'exchange of international program. Also shown are Bataan Governor Raymond S. Garcia (4th from left), Energy Assoc Daniel A. Ariwa, Sr. (5th from left) PLP President Dr. Anihan Aguirre-Alcaxar (2nd from left), Dr Angelica M. Baylos (5th from right), MAAP external relations director and PAEPI President (Region 3 director) Dr. Victoriano Mariano (3rd from right); and MAAP Dean C/M Renato A. Garcia (2nd from right)

MANILA BULLETIN

Shipping Bulletin B7 (Monday, March 31, 2014)



FINDINGS Participation in the 1st TREEDC International Conference in Tennessee, USA (PAEPI member institutions:MAAP, PNU,PLP, TUP etc)

🌐 October 10 thru October 17, 2014



2nd Research funded by NRCP

- Php 500K; April 15, 2014 – April 15, 2015
- Benefit MAAP, maritime industry and other stakeholders because the study is with policy implications on the Manning Industry Productivity Gain Cycle and Emergent Industry. **MAAP and PAEPI members** (faculty /staff) are encouraged to apply for NRCP memberships. As NRCP member they can submit proposal for funding by NRCP
- **PAEPI Global member institutions** supported also the project in many ways
- MAAP–1st maritime school awarded with NRCP research grant



Post activity reporting



Participation @ NRCP trainings



FINDINGS Linkage with American University of Sovereign Nations (AUSN) /Nippon Care Fit Education Institute /Tohoku University (Japan)

- **Funded Professional Growth from AUSN** as a visiting professor on Applied research, peace and community service (Aug 5-20, 2014), as facilitator, presenter and have been a part in the preparation of action plan and the statement of commitment during the 9th International Youth Peace Ambassador Training or YPA9 (Aug 21-30)



**Sept. 1-9, 2014
in Narita,
Tokyo, and
Sendai, Japan**



- Research and Instructional Collaboration between MAAP (Vadm Santos) and TTU (R& D Dr Bharat Soni)



**Dec 5 , 2014 ,
MOU Signing
between
MAAP and
TTU at Manila
Yacht Club
Philippines**



Linkage with Baekryong High School, Korea on English Training Program

- **English Training Program (twice a year since 2013 to date) for Paying Korean Students** in Bataan Peninsula State University (BPSU) and other partner institutions thru MAAP linking the schools in Bataan to its global partners in Korea

MAAP Other Funded Projects and Activities

- serving as resource speakers, reviewer of papers and other technical services
 - for local (PLP, UM, LPU, NRCP, BCCF, BPSU, PNU, DLSU)
 - international (AAREF, AIMII, BIT CONGRESS, TREEDC, TRANSNV, AMFUF, WMU, Global MET, Nautical Institute etc.
- Recent awards in 2014 to MAAP President are: “Key to the Cities” from Pasig City; by the MARINA for his leadership in raising the bar in MET; by NI-London as branch Chair of the NI Philippines with an initial rank of Associate Fellow; by the BCCFI as elected board member; as Honorary member of the NRCP Division 1.
- As of this time, more than 200 awards were received by MAAP for the past 15 years from both local and international



CONCLUSION



- “Strong *linkages, timely coordination and preparation and submission of proposals*” that resulted to funded projects beneficial for better MET – one of best practices
- 2013-2014 major projects with signed MOAs thru MAAP & PAEPI Global
 - ✓ Funded MAAP-INM Project for the K to 12 project on maritime that benefited 6 Filipino scholars. (50,000Us dollars each)
 - ✓ Sponsored renewable energy conference at BIT’s 1st Frontier Industrial Forum (FIN2013) in Qingdao China that led to other relevant linkaging with **PAEPI Global memberships** , e.g. with TREEDC
 - ✓ Sponsored 1st TREEDC International Conference on Oct. 10-17, 2014 at Tennessee Technological university, USA and signed MOU between MAAP and TTU on Dec 5, 2014 at Manila Yacht Club Philippines
 - ✓ Funded NRCP research project (2nd)m supported by PAEPI Global maritime members institutions
 - ✓ Funded Professional Growth from AUSN as a visiting professor on Applied research, peace and community service (Aug 5-20, 2014) and had introduced PAEPI Global member institutions for global cooperation with AUSN (Ref: MOUs and List of AUSN Alumni with full and partice scholarships)
 - ✓ English Training Program for Korean Students in BPSU and other partner institutions thru MAAP and PAEPI Global member institutions (neighboring schools of MAAP)
 - ✓ Other funded projects and activities



RECOMMENDATIONS

● New **PAEPI Global Partners** in 2015 to sign MOU with MAAP and other PAEPI Member Institutions interested

- trainees for disaster management offered by MAAP or by Bataan with MAAP as the venue (**NCFEI, Japan**)
- Photo Exhibit (**Hato- Kai or Seafarers Group in Japan**)
- free provision of training services (**BOLT and Tohoku University**)
- hosting of an International Youth Ambassador training Workshop in the Philippines (**Eubios Ethics Institute, Thailand**)
- funded 2-year MS or PhD Nautical Studies at Korea Maritime and Ocean University, Busan Korea as Research Assistant with free tuition fee, board and lodging etc (**KOICA and KMOU, Busan Korea**)
- Renewable Energy Facilities using USA Technologies by various foreign investors (100-200MUSD by **NORESCO** CEO Neil Petchers
- **Renaissance Energy/Tranquility International** Pres. Tim Haney
- **Vis-Solis** German Technology (President Carlos Meyer)



RECOMMENDATIONS

- New **Global Partners** in 2015 to sign MOU with MAAP
 - & soon with **MASCOT/IMACS** in 2016



廈門大學 数学科学学院
School of Mathematical Sciences Xiamen University



INTERNATIONAL SOCIETY
OF GRID GENERATION
ISGG



The 13th ISGG Symposium on Numerical Grid Generation



December 10-14 2016
School of Mathematical Sciences,
Xiamen University, Xiamen, China



Abstract submission due: June 20th

<http://imacs2016.xmu.edu.cn/index.php/IMACS/2016>

Topics of interest

Structured Grid Generation Strategies & Algorithms
Unstructured Grid Generation Strategies & Algorithms
Hybrid/Grid Generation Strategies & Algorithms
Hex Grid Generation Strategies & Algorithms
Cartesian Grid Generation Strategies & Algorithms
Adaptive Strategies, Mesh Adaptation & Refinement
Hierarchical Grid Generation Strategies & Algorithms
Computer-Aided Geometric Design (CAGD) Geometry Preparation & Surface Generation
CAD-to-Mesh Geometry Repair and Cleanup
Computational geometry and mesh properties

Grid Quality Assessment
Interface, Deforming/Moving Geometry/Grid
Treatment Software Tool Development
Multiresolution, Large point clouds & Algorithms
Parallel Algorithms for Grid Generation and Adaptation
Interactive, Automatic, & Parametric Grid Generation
Computer Graphics and Visualization
Grid adaptation & Error control
Reverse Engineering Applications
Terrain modeling & GIS
Science, Medicine & Engineering Applications in all areas

Organization Committee

François Guibault, *École Polytechnique de Montréal, Canada (Chair)*
Angelica M. Baylon, *Maritime Academy of Asia and the Pacific and PAEPI-Global the Philippines*
Francisco Dominguez-Mota, *Universidad Michoacana de San Nicolás de Hidalgo, Mexico*
Vladimir Garanzha, *Russian Academy of Sciences, Moscow, Russia*
Patrick Laug, *INRIA Rocquencourt, France*
Stefano Paoletti, *CD-Adapco, Italy*
Bharat Soni, *Tennessee Tech University, USA*
Rosa-Maria Spitaleri, *CNR Istituto per le Applicazioni del Calcolo "Mauro Picone", Italy*
José Pablo Suarez, *Universidad de Las Palmas de Gran Canaria, Spain*
Kamal Vora, *ARAI — Automotive Research Associates of India, India*
Lixiang Zhang, *CFD, KUST — Kunming University of Science and Technology, China*



RECOMMENDATIONS

For MASCOT/IMACS 2016 as part of the organization Committee

Organization Committee

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Francisco Dominguez-Mota, *Universidad Michoacana de San Nicolás de Hidalgo, Mexico*

Vladimir Garanzha, *Russian Academy of Sciences, Moscow, Russia*

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Kamal Vora, *ARAI — Automotive Research Associates of India, India*

Lixiang Zhang, *CFD, KUST – Kunming University of Science and Technology, China*

The MAAP and PAEPI Global continued support and approval to further various recognition agreements interfacing the MDGs and the ASEAN 2015 with the international standards for a stronger national and international linkages and partnerships.



Thank you



VAdm Eduardo Ma R. Santos, AFP (Ret)
MAAP President
PAEPI Global Honorary Adviser



Prof Angelica M. Baylon, PhD
MAAP Director for External Relations
PAEPI Global Chair and President Emeritus

