



**Conference Proceedings
December 06, 2012
Malolos Resort Club Royale
City of Malolos, Province of
Bulacan**

The Provincial Government of Bulacan (PGB)
through the
Provincial Disaster Risk Reduction &
Management Council (PDRRMC)

In coordination with:
Department of Education (DepEd), Division of
Bulacan and San Jose del Monte (Bulacan),
and the
Pampanga River Basin Flood Forecasting &
Warning Center (PRFFWC) of the
Philippine Atmospheric, Geophysical &
Astronomical Services Administration (PAGASA)



Background:

SHINe or School Hydrological Information Network is a school-based program that focuses on students' awareness to Hydrometeorological-related disasters such as floods, landslides, tropical cyclones, drought, etc. The program aims to support and strengthen the community in its disaster preparedness, mitigation and resiliency activities during disasters resulting from Hydrometeorological causes through the community's school participation. Tracking of tropical cyclones, regular monitoring of rainfall and river water levels are some of the activities undertaken by a group of students at their own level and capacity. The data and information are then shared to the school populace, to the local disaster risk reduction and management units whenever possible and thus helping them in their disaster preparedness and mitigation activities.

The activity also supports the Department of Education's drive on its developmental program on the Climate Change enhanced curriculum. Further, it is consistent with the underlying principle that natural disaster awareness and mitigation begins in schools.

Objectives:

1. Increase the disaster awareness of the school's populace through its regular hydrological monitoring in effect prevents loss of lives and reducing damage to properties.
2. Coordinate and provide timely hydrological information to the local DRRMOs at provincial, municipal and barangay levels as a support to the local flood warning system in the area.
3. In the long-run, undertake studies and researches from the dataset gathered from the network and carry-out long-term development strategies in their community and the province as a whole.

Brief History:

In 2006, the School Rainfall Observation Network or SRON was conceived by the PRFFWC as a proposed in-line activity to the Community-based Flood Mitigation and Management Program (CBFFMP) of the Province of Bulacan which was also conceived by the former in 2004. Later SRON was renamed to School Hydrological Observation Network (SHON). The program plans and activities were prepared but were held-off due to the numerous flood events that the province had to cope-up with during the period 2006 to 2008. By last quarter of 2008, SHON was renamed to SHINe and was implemented in 3 highland positioned secondary schools in order to augment rainfall observations of the CBFFMP. The schools were DRT, Akle and J. J. Russell High Schools in the towns of DRT, San Ildefonso and San Miguel, respectively.

To date, there are now eleven (11) schools engaged in the SHINe program. Another five (5) secondary schools in the town of Hagonoy were already oriented but has yet to commence its rainfall observations. Lately, the program has also been started in one University in the province, at the Baliuag University.

Program Achievements:

SHINe was chosen as one of the good practices in Disaster Risk Reduction (DRR) and Climate Change Adaptation (CCA) in the Philippines in the year 2010 by OXFAM, an international NGO. In 2011, SHINe was given a Special Citation by the National Disaster Risk Reduction & Management Council (NDRRMC) as one best practice in Disaster Risk Reduction & Management. This year, Tibagan National High School was given appreciation by the Southeast Asian Ministers of Education Organization (SEAMEO) for sharing their school SHINe in the Education for Disaster Risk Reduction to the 2012 SEAMEO-Japan Education for Sustainable Development (ESD) Award.

The SHINe Conference Proceedings



Venue: Malolos Resort Club Royale

The conference was held at the Malolos Resort Club Royale in the City of Malolos, Province of Bulacan. This was the second time that the conference was held at the said resort.

View of the entrance to the resort (top left picture). The main conference activity was held at the top floor of the main building (top right picture) and one of the major activities of the conference, which was water safety, was held at the resort’s main pool on the left end side of the main building (right picture).



Directory of Conference Participants, Organizers, Facilitators and Guest Speakers:

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Guests		
Dr. Carlo Dela Cruz	Education Program Supervisor EPP / TLE Agriculture, Division of Bulacan, DepEd	
Ms. Leny B. Delos Reyes	Education Program Supervisor, DepEd-SJDM city	
Hilton T. Hernando	PRFFWC – PAGASA, SFDO, Pampanga	prffwc_ffb@yahoo.com

CONFERENCE PROGRAMME		
Time	Activity	Responsible Group / Speaker
7:30 – 8:00 am	Registration	PDRRMO-Bulacan
8:01-12noon	Water Safety Training	Bulacan Rescue of PDRRMO-Bulacan
LUNCH BREAK		
1:00pm-5:00pm	Invocation / National Anthem	PDRRMO-Bulacan
	Welcome Remarks	Hon. Wilhelmino M. Sy-Alvarado , Governor, Bulacan Province as represented by Ms. Felicisima L. Mungcal , Assistant Department Head, PDRRMO
	Welcome Message	Dr. Amancio S. Villamejor, Jr. , City School Superintendent, SJDM City as represented by Ms. Leny B. Delos Reyes , Education Program Supervisor, DepEd-SJDM City
	Inspirational Message	Dr. Carlo dela Cruz , Education Program Supervisor EPP / TLE Agriculture, Division of Bulacan, DepEd
	SHINe Group Presentations	SHINe Groups from the 11 Beneficiary schools in Bulacan
	SHINe Updates	Mr. Hilton Hernando of PRFFWC, PAGASA
	School Dynamics - “SHINe Minute to Win It” - “SHINe Atras-Abante” - “SHINe Yes or No”	PDRRMO / PRFFWC
	Closing activities (Closing Remarks) and Group Socialization	Mr. Jim C. Valerio , Bulacan Provincial Administrator as represented by Ms. Rita A. Libiran , Special Operations Officer IV, PDRRMO-Bulacan
Master of Ceremonies: Mr. Raul D. Agustin		

Morning Activity: Water Safety Training by Bulacan Rescue

This year's SHINe DRRM activity given to the delegates was on Water Safety. Swimming experts from the Bulacan Rescue team were on hand to provide fundamentals on water safety in particular the basics of swimming such the various floating techniques, entering and leaving water areas, and the like.





Welcome Remarks: Ms. Felicisima L. Mungcal representing Hon. Wilhelmino M. Sy-Alvarado

Assistant Department Head and Executive Officer of the PDRRMO of Bulacan, Ms. Felicisima L. Mungcal (“Liz”), represented the Governor of Bulacan, Hon. Wilhelmino M. Sy-Alvarado, in welcoming the 118 student delegates and advisers to the 3rd SHINE Conference (2012).

Liz simply thanked the SHINE school groups for their continued provision of rainfall observations to the PDRRMO and to its allied partner PRFFWC, and exhorted the group to continue to undertake DRRM activities both in their school and in their community.

Welcome Message: Ms. Leny B. Delos Reyes representing Dr. Amancio S. Villamejor, Jr.



Ms. Leny B. Delos Reyes, Education Program Supervisor of DepEd in the City of San Jose del Monte represented Dr. Amancio S. Villamejor, City School Superintendent of the same City (Bulacan) in giving the welcome message to the SHINE group delegates from the various beneficiary schools within Bulacan.

In a very vibrant spirit during her welcoming message, Ms. Delos Reyes expressed her amazement on the various activities being undertaken by the students in the SHINE program. She emphasized specifically the importance of doing rainfall observations; with the changing climate and varying rainfall patterns it is necessary that all sectors be well informed of this inasmuch as all aspects in life depends wholly in the weather and the environment that one lives in.

Inspirational Message: Dr. Carlo dela Cruz

Dr. Carlo dela Cruz, Education Program Supervisor EPP / TLE Agriculture, DepEd Division of Bulacan, related the significance of the various SHINE activities to agriculture. He pointed out in particular that the rainfall observations being done by the students not only make them aware and be prepared during times of inclement weather but more so can be used in agricultural studies and researches, defining more the rainfall patterns in a changing climate and environment.

Dr. Dela Cruz has been a regular figure in almost every SHINE activity and has supported the program for several years now.



SHINe Group Presentations

The presentations focused mainly on the various SHINe-related activities undertaken in their school other than the daily rainfall observations. Some groups presented related activities in their community such as tree-planting, riverside cleaning, waste segregation, etc. The link to the school presentations is as follows: <http://bulacanshine.yolasite.com/3rd-shine-conference-2012.php>

SHINe Group Presentation highlights in pictures



SHINe Updates by Mr. Hilton Hernando representing the PRFFWC



The highlight activities during the year included: the sharing of the SHINe program of one school group in the Southeast Asian Ministers of Education Organization (SEAMEO) as an entry in the Education for Disaster Risk Reduction to the 2012 SEAMEO-Japan Education for Sustainable Development (ESD) Award; the usual comeback visits by PDRRMO and PRFFWC to each school group; preparations to next year's 2013 SHINe - DRRM related activities within each SHINe school area and its adjacent communities.

School Dynamics

This year's school dynamics as usual featured fun, skill techniques and knowledge. The school dynamic activities, which are actually parlor games but using wits, are just a means of fostering good camaraderie and fellowship among the delegates from the various SHINe schools. As always, it was an afternoon delight for both the students and the organizers.

The various dynamics are as follows:

- "SHINe Minute-to-Win-It"
- "SHINe Atras-Abante (Forward-Backwards)"
- "SHINe Yes or No"



SHINe School Dynamics in pictures...



School SHINE Groups



Akle High School



Binagbag High School



DRT High School



F. F. Halili National Agricultural School



John. J. Russell Memorial High School



Norzagaray High School



San Rafael National Trade School



San Jose del Monte High School



Angat National High School



Tibagan High School



Vedasto. R. Santiago High School

The Provincial Government of Bulacan through the PDRRMO-Bulacan, DepEd (Division of Bulacan), and the PRFFWC wishes to congratulate all school SHINE beneficiaries for actively supporting and participating in the 3rd SHINE Conference - December 2012.

Closing Program: Ms. Rita A. Libiran representing Mr. Jim C. Valerio



Ms. Libiran, Special Operations Officer IV of the Bulacan-PDRRMO, represented the Provincial administrator of Bulacan Province, Mr. Jim C. Valerio, in the closing ceremonies of the conference. She explicitly congratulated the delegates from the various SHINe beneficiary schools for their active participation in all of the conferences' activities, particularly in this year's DRRM activity – water safety. Finally, she thanked all those who have, in one way or another, supported and contributed in the yearend annual conference.

In another part of the closing program, Ms. Libiran announced this year's SHINe school group who received the brand new personal computer set. The award was generally based on the school's performance for the year in terms of continued provision of monthly rainfall observations and has actively promoted the SHINe programs not only within their school, in their local and community but in other related events. This year's top SHINe school group was no other than the **Fortunato F. Halili National Agricultural School**. (right picture)



The Bulacan SHINe Conference 2012 student delegates, advisers, organizers and guests



See you in the 4th Bulacan SHINe Conference (2013)

For related links:

www.bulacanshine.webs.com
www.bulacan.gov.ph/pdcc/
www.prffwc.webs.com

For information and contacts regarding the SHINe program:

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