

# **CONFERENCE PROCEEDINGS**

November 21, 2014 8 Waves Water Park & Hotel San Rafael, Bulacan



# School Hydrological Information Network

**SHINE** - a school-based program that focuses on raising awareness on disaster risk reduction particularly to hydrometeorological-related disasters by understanding the various hydromet hazards and also relating effects of climate change. The activity is a means of supporting the Department of Education's (DepEd) "climate change" enhanced curriculum. It is consistent with the underlying foundation that disaster awareness, mitigation and prevention begin at home and in school.

#### Program Objectives:

- Enhance the disaster awareness of the school's populace through its regular hydrological monitoring in effect making them prepared, hopefully preventing loss of lives and mitigating damage to properties;
- Coordinate and provide timely hydrological information to the PDRRMO, the local disaster councils at the Municipal and Barangay levels as a support in their operational DRR activities and their local flood warning systems in their respective areas of concern;
- Develop long-term strategies at the local and provincial levels from the data and information collected from the network of observations of each SHINe school groups.

# Brief on SHINe History:

The Community-based Flood Mitigation & Management Program (CBFMMP) for the Province of Bulacan was conceived by PRFFWC in 2004. School Rainfall Observation Network (SRON) was a proposed in-line activity to CBFMMP and was initialized in 2006. Later SRON was renamed to School Hydrological Observation Network (SHON) and eventually changed to School Hydrological Information Network (SHINe). The program was partially held-off due to numerous disasters that struck the province of Bulacan in 2007-2008. In the last quarter of 2008 SHINe was implemented in 3 upland situated secondary schools of Bulacan as an augmentation to the rainfall observations of the CBFFMP. The program was well accepted in these schools such that it further expanded to 6 more secondary schools.

Mid-year of 2010, OXFAM, an international NGO, recognized the activity as an innovative program and one of the best practices for Disaster Risk Reduction (DRR) and Climate Change Adaptation (CCA). In December 06, 2010 the first SHINe Conference was held in Hiyas Convention Center, City of Malolos, Bulacan. With more schools being accepted as beneficiaries of the program the annual conferences continued it has now become a regular activity of SHINe for Bulacan Province. The conferences were also an avenue for various orientations to DRR activities such as Basic First Aid, Water Safety, Fire Suppression and lately this 2014 conference, a brief orientation to Child's Rights and Basic Self-Defense.

Early part of 2013 the PGB through the PDRRMO had a tie-up program with Save the Children's project "ENCORE" (Enhancing Community Resilience to Disasters). More schools were made part of SHINe as a result of this. SHINe was also replicated in the Municipality of Baggao, Cagayan through the DILG's GO-FAR program in some 11 schools, and lately they (Baggao Municipality) had their own conference as well. To date a total of 26 schools, 22 secondary and 4 elementary levels in the province of Bulacan with some that recently started this third quarter of 2014, participated in the recently concluded 5th SHINe Conference.



Far left, participants in the SHINe orientation in Baggao, Cagayan; elementary students (on the left) were taught how to observe and measure rainfall using a standard manual rain gauge during one of Save the Children's project ENCORE activities.

# Conference Venue: 8 Waves Water Park & Hotel







A view of the 8 Waves Hotel is shown at the top left while at top right shows the entrance to the hotel's main building and lobby. The ballroom at the third floor of the main hotel was the venue for the conference (above photo). A welcome tarp can be seen at the entrance of the compound of the 8 Waves Water Park during the event (right photo).

The 8 Waves Water Park and Hotel is one of the premier hotels in the province of Bulacan. It is located along DRT Hi-way, Bgy. Ulingao, San Rafael, Bulacan. Roughly 53 kilometers from Metro Manila or approximately an hour and a half drive from the said metropolis. The hotel was the venue for the 5th SHINe Annual Conference. The program activity was held at the third floor of the main hotel building. The area offers other amenities such as swimming pools and a water park.



#### **SHINe Group Delegates and Advisers**

BINAGBAG National High School	FORTUNATO F. HALILI National Agricultural School
Mikhaela Mae B. Conception	Geroline S. Sayco
Janella Marie R. Basbas	Kyle Reinier R. Roman
Ronalyn T. Santos	Joven V. Parameo
Queena Paola P. Capistrano	CJ Clarisse J. Francisco
Melanie B. Anotche	Darcy Angelo DR. Poicarpio
Erika C. Flores	Andrea P. Solocio
Jennifer A. Berganten	Mark Angelo A. Fernandez
Nicole Vera S. Cruz	Wayne Abcede M. Nasayao
Ryan P. Rance	John Henrix O. Pascual
Vincent Johus E. Tigas	Sean Iverson G. Geronimo
Lea P. Capistrano (Adviser)	Leilani S. De Guzman (Adviser)
Bernadette P. Giuban (Adviser)	Esperanza H. Policarpio (Adviser)

SAN RAFAEL National Trade School
Jules Diellen B. Mercado
Christian Joseph T. Infantado
Carlos Eduardo C. Valondo
Mariamme T. Siapco
Mark Emmanuelle P. Samonte
Rai Kylo S. Villacorta
Patricia Claire R. Flores
Princess Jhallene M. Castro
Alexis Kyle V. Espiridion
Samuel A. Francisco
Queen Marissa T. Infantado (Adviser)
Mary Ann I. Santos (Adviser)
ANGAT National High School
Arvin DG. Rivere
Rizalyn C. Mangahas
Keanna Reene C. Mangcucang
Danica DC. Rolloda
Xyren D. Bulan
Marco V. Ferre
Marliz A. Verueco
Alyssa Elaine P. Cruz
Daisy Rose V. San Pedro
Justine S. Esguerra
Jay-an P. Villarama (Adviser)
TIBAGAN National High School
John Angelo G. Lopez
Nisha Jazreen V. Tucio
Mark Eriz R. Cruz
Marc Geneson DC Santos
Ella G. Beringuela
Drashey Mae M. Ramos
Michael Juve DL Camiña
Queen Beverly M. Santos
Hanna Lilet H. Aquino
Sherie Mae A. Benigno
Elenita V. Tucio (Adviser)
Mirasol H. Aquino (Adviser)
JOHN J. RUSSELL Memorial High School
JOHN J. RUSSELL Memorial High School Paul Marcine C. Dayog
Paul Marcine C. Dayog
Paul Marcine C. Dayog John Leo L. Pilit
Paul Marcine C. Dayog John Leo L. Pilit Robelyn M. Gabriel
Paul Marcine C. Dayog John Leo L. Pilit Robelyn M. Gabriel Christian M. Gonzales
Paul Marcine C. DayogJohn Leo L. PilitRobelyn M. GabrielChristian M. GonzalesMark John Paul de GuzmanVincent Paul Siervo
Paul Marcine C. Dayog John Leo L. Pilit Robelyn M. Gabriel Christian M. Gonzales Mark John Paul de Guzman

Arlen S. Perez	Gerald Lazaro
Cristaline F. Galicia (Adviser)	Myra M. Pangilinan (Adviser)
Perlita A. Angeles (Adviser)	Marlon M. Opiana (Adviser)
VEDASTO R. SANTIAGO High School	STA. LUCIA High School
Khya Rose Xla N. Superior	Tyrone Keine S. Paz
Noelle B. Santiago	Kristine Marie Aguilar
Isaac Zoe D. San Gabriel	Angel S. Lapuz
Angelica R. Ceralde	Angel Calma
Jessica Z. Pelayo	Danica Estarez
Jericho O. Zapra	John Mark Velasguez
Hannah Maureen T. Santos	Mark Araron M. De Guzman
Rachelle P. Domingo	Mary Grace Santiago
Kyanna Rie Zyca N. Superior	Jhomari Amistad
Trina Anne P. Sarmiento	Ruth Bernardino (Adviser)
Amalia T. Fajardo (Adviser)	
Rowena S. Alabado (Adviser)	
FRANCES National High School	FRANCES Elementary School
Jasfer C. Borlongan	Marvin D.C. Sambilay
Pauline Ann P. Lopez	Mapalad B. Censon
Mark Jerome T. Baja	Bryan G. Mariano
Maricris S. Santos	Angelo Sharles I. Cruz
Frecy C. Tuliao	Bettina Lei D. Dela Cruz
Luigi E. Enriquez	Niňa Mae C. Quiambao
John Peter M. Acosta	Dennise G. Carlos
Joshua Daniel Tuazon	Jannine S. Munoz
Vanessa Manalo	Mark John Esguerra / June Mark Fajardo
Jecel C. Ginga (Adviser)	Paulina B. Censon (Adviser)
<b>ARSENIO SANTOS Memorial Elementary School</b>	F. MENDOZA Elementary School (Annex)
Kyla Marie Tanallon	Alexia N. Torres
Lino Rafael E. Sangil	Nicole R. Fuertes
Zephaniah T. Santos	Dharen Z. Catangui
Dianne Erida C. Antonio	Lorenz B. Canopin
Justine Jhoy G. Yambao	Vonzel Z. Catangui
Earl John A. Linde	Lee Anne C. Ablaza
Adrian JeffersonI. Moncatar	Lyka J. Paguio
Rainier Kris B. Sarita	Kyla A. Coneras
Monica Tanding	Mariel O. Duena
Luisa E. Ogale (Adviser)	Arlina S. Itchon (Adviser)
STA. MONICA High School	STA. MONICA Elementary School
Ivy Marisse Castro	Jemuel L. Villanueva
Hanna Mae S. Inocencio	Yhurie T. Amurao
Abegail P. Guiao	Zhyr Matthew R. Lapaz
Jobelle Constantino	Ralph Joshua C. Del Rosario
Olivia Anne C. Nuñez	Heaven Del Rosario
Mark David R. Reyes	Jessica Valerie D.C. Escartin
Mark David R. Reyes Felix Alexandre B. Abrugar	Edriann Miguel Dinosa
Mark David R. Reyes Felix Alexandre B. Abrugar Norielyn Dela Cruz	Edriann Miguel Dinosa Nermar F. Del Rosario
Mark David R. Reyes Felix Alexandre B. Abrugar	Edriann Miguel Dinosa

RAMONA TRILLANA High School	HAGONOY West Central School
Jaylou S. Vargas	Jiel Mariecon D.L. Teodoro
Ruth Jemima Balastigue	Arrianne Mariztell M. De Jesus
Monica Baltero	Paul Angelo L. Tamayo
Gladys B. Lorenzo	Joseph Airam S. Roque
Angelito J. Perez	Nathan Algren M. De Jesus
Rechellene A. Pereo	Russel Balastigue
Paul Ashlee T. Villegas	Kezziah Sharelle D.C. Libao
John Darren M. Galvez	Madellene A. Pagsanjan
Jestianne Bautista	Airylle Rorylie S. Palomar
Michael Santos (Adviser)	Shiela Marie Capili (Adviser)
ILUMINADA ROXAS MENDOZA MEMORIAL HIGH	Assemblywoman FELICITA G. BERNARDINO
SCHOOL	MEMORIAL TRADE SCHOOL
Jessalyn P. Dizon	Michael C. Cariaga
Charlemagne G. Naguit	Ma. Antonette C. Ecleo
Rowin Ann T. Cruz	Kent T. Jabagat
Ryan Christopher C. Arcilla	Rose Ann M. Ariola
Jans Jerome C. Bentula	Carlo Macaranas
Mark Anthony P. Lopez	Mary Grace R. Capiňan
Nerven D. Diocares	Michael Angelo Agbayani
Jose Mario B. Mandap	Erika Mae J. Caniero
Emmanue; P. Dela Cruz	Ruth Priscilla E. Briva
Mary Ann D.G. Marquez	Kurt Vincent T. Argana
Gabriel A. Sanchez (Adviser)	Henry DV. Soriano (Adviser)
Jennifer M. Rivera (Adviser)	Donita Sison (Adviser)
OBANDO NATIONAL HIGH SCHOOL	STO. CRISTO NATIONAL HIGH SCHOOL
Angelo R. Miranda	Marlou S. Tobula
Aljiemar G. Enriquez	Mark Christian E. Lazo
Janelline Dy Delos Reyes	Patrick Pacuan
Daina Rose A. Maningas	James Berganio
Jalen Robert H. Francisco	Nharra Lyn Padilla
Joshua Hertez	Nicole Ragudos
Myra P. San Miguel	Glenn Antonette Escanan
Shaina A. Banzon	Christine Sierda
Irish Catline B. Caspe	Galle Moncatar
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John Mark I. Barcelon (Adviser)	Grace A. Magcalas (Adviser)
HAGONOY EAST CENTRAL SCHOOL	SAN AGUSTIN ELEMENTARY SCHOOL
Alyssa Mae S. Sarto	Jan Achilles G. Cruz
Andrew Jovic A. Hayagan	Ana Louisa A. Montealegre
Randy S. Mallari, Jr.	L.J. M. Lopez
Althea C. Santos	Leslee Joy D. Sanguyo
Patricia N. Nabong	Vanessa A. Evangelista
Cielo Margarette F. Bernardo	Faith S. Reynoso
Jeneros Pia M. Tayson	Kurt Enrykx Enriquez
Crisielle Durante	Raphael P. Crisostomo
Arvim Cris Quiroga	Ma. Francheska S. Carballo
Rosario D. Carpio (Adviser)	Noemi C. Mendoza (Adviser)

#### Speakers, Guests, Groups and Entities

Mr. Eugenio C. Payongayong, Bulacan Provincial Administrator & PDRRMC Action Officer

Dr. Carlo de la Cruz, Education Program Supervisor EPP / TLE Agriculture, Division of Bulacan, DepEd

Dr. Estelita G. Pineda, CESO V, City Schools Superintendent, CSJDM

Mr. Melvin Marzan, Monitoring & Evaluations Officer, Save the Children (SCI)

Ms. Dara Balaquio, Urban DRR Project, Save the Children (SCI)

Ms. Felicisima L. Mungcal, Provincial PDRRMO Officer

Personnel and staff of Bulacan Provincial Disaster Risk Reduction and Management Office (PDRRMO)

Personnel of various City & Municipal DRRMOs in Bulacan

Save the Children (SCI)

Pampanga River Basin Flood Forecasting & Warning Center (PRFFWC), PAGASA

# **Conference Memorabilia / Souvenirs:**

Similar to last year's event, a special photo booth section was set-up for the school SHINe delegate's souvenir photo. Personal survival kits were provided by the Bulacan-PDRRMO to all the delegates (far right photo).



Conference pictures can be viewed/downloaded at the following facebook (FB) link: https://www.facebook.com/raul.agustin.906/posts/10201852657276341

#### Souvenir Programme lay-out:



# Introduction of Participants: Ms. Felicisima L. Mungcal, Provincial DRRMO officer

The Executive Officer of PDRRMO-Bulacan, Ms. Felicisima L. Mungcal, opened-up the conference by welcoming the delegates and advisers of the various elementary and secondary SHINe school beneficiaries in the province of Bulacan. Afterwards, she introduced each delegation and their respective group advisers. Each school, after being introduced, gave their SHINe group cheers.



# Welcome Remarks: Mr. Eugenio C. Payongayong, Provincial Administrator & PDRRMC-Action Officer



Mr. Payongayong, as the PDRRMC action officer and as a first timer in a SHINe conference, heartily welcomed the delegates, advisers and guests to the said event. Being the main representative of the Provincial Government of Bulacan during the said event, he mentioned that the province will unconditionally support the objectives, particularly the activities and projects, of the SHINe program in Bulacan. Lastly, he thanked the PDRRMO for being all-out in their campaign to make Bulacan a disaster-resilient province.

#### Message: Dr. Estelita G. Pineda, CESO V, City Schools Superintendent, CSJDM

City Schools Superintendent Dr. Estelita G. Pineda was also a first time guest in SHINe conference. In her brief message to the SHINe delegates, she gave a vivid comparison of learning situations in schools before with the present as regards to getting to know natural hazards and disasters. She praised the organizers and supporters of SHINe program particularly in the province of Bulacan for such a wholesome yet practical approach to the program of DRR and CCA.



Inspirational Message: Dr. Carlo Dela Cruz, Education Program Supervisor EPP/TLE Agriculture, DepEd-Bulacan for Dr. Romeo M. Alip, Schools Division Superintendent - Bulacan

Dr. Carlo dela Cruz, representing Dr. Romeo M. Alip, School Division Superintendent of Bulacan, has been providing the inspirational message to SHINe delegates since the 1st SHINe conference that started in 2010. As always his inspirational talk focused on the need to go "organic" in all aspects of life. He enjoined all the delegates and the teachers to be more active in protecting the environment by reducing, recycling and re-using waste as it is the most practical and sensible way in mitigating the disastrous effects of climate change.



# Message: Mr. Melvin Marzan, Monitoring & Evaluations Officer representing Ms. Lourdes L. Pambid of Save the Children (SCI)



In 2013, Save the Children (SCI), a non-governmental organization, adopted SHINe program in their project ENCORE (Enhancing Community Resilience to Disasters) in their target areas in Bulacan. Mr. Melvin Marzan, monitoring & evaluations officer and representing Ms. Lou Pambid of SCI, in his message stated that SCI is committed to continue its initiatives in Disaster Risk Reduction and Climate Change Adaptation through its program aspects of mobilizing, facilitating, disseminating, and strengthening.

#### Inspiration Message: Ms. Estella M. Salarda, UP student (former SHINe member)

Ms. Estella M. Salarda, a former SHINe member and was a delegate to several SHINe conferences, was the youngest of the guest speakers in the said event. Estella in her inspirational talk gave a profile of her trials and challenges during her secondary studies and how SHINe was able to be a part tool in her success and development now being a student at the University of the Philippines in Diliman. She exhorted the conference delegates to focus on their studies while being a DRR-CCA youth agent at the same time.



#### Special Event I: Orientation on "Rights & Protection of Children"

A timely special presentation on the Rights and Protection of Children was provided by Ms. Dara Balaquio, community mobilizer of Save the Children. Ms. Balaquio's presentation included the "what, who, where, when and how" on the issues of rights and protection of not only the children and also the vulnerable groups. She also had a discussion on the United Nations Convention on the Rights of Child (UNCRC) which coincidentally was celebrated a day before the SHINe conference. The orientation was well received by the delegates as the numerous interactive responses were received and provided by the delegates themselves.



#### Special Event II: Self-Defense for the Youth



Another timely presentation with group activity on "Self-Defense for the Youth" was given by Mr. Albin D. Robles together with his able-bodied assistant, Mr. Arnold N. Fulgencio. Mr. Robles, who is a self-defense instructor is also a Teacher II at the Tambubong Elementary School in Bocaue, Bulacan. Simple yet effective means of defending oneself from attackers were provided to the delegates with practical hands-on applied by the delegates themselves with their co-delegates.



Pictures of SHINe group Presentation of Accomplishments & Innovations for 2014





Powerpoint presentations (except video presentations) in the event can be requested from the Bulacan-PDRRMO (bulacan\_rescue@yahoo.com) or can be directly downloaded at the following link: http://bulacanshine.yolasite.com/5th-shine-conf-2014.php

#### SHINe Updates & Way Forward



PRFFWC representative, Mr. Hilton Hernando, informed the delegates about the various SHINe activities that were carried-out during the year. Highlights of these activities included the orientation of four more secondary school SHINe beneficiaries in Bulacan. He also mentioned that the SHINe program template has already been applied in other areas, secondary schools, in several areas in the country. Next year's program will focus on planning for data networking and the development of "in-school" and community hazard maps.

#### **SHINe Dynamics**

SHINe school dynamics, as always, was the most awaited activity for the day. This year's conference school dynamics included the following: the "SHINe Quiz Battle", "SHINe Pass the Message", SHINe Amazing Challenge, and "SHINe 'Bayong' (Pick the correct answer)". The SHINe school dynamics is a wholesome means of strengthening the camaraderie, fellowship and goodwill among the delegates themselves... these can be seen obviously from the pictures on the right and below.



#### SHINe Dynamics in pictures:











SHINe Conference 2014



School SHINe delegates pictures in 4 batches:





# SHINe 2014 Awards:

In 2012, PGB through the Bulacan-PDRRMO started awarding SHINe school groups that performed well in their hydrological observations, DRR-CCA school related activities, has actively promoted SHINe programs not only in their school but in their community as well, etc. This year's school awardees are the Fortunato F. Halili National Agricultural School (left), for their second time, and the San Rafael National Trade School (right).



# SHINe Photo booth pics...



SHINe Conference 2014



Cool SHINe Design shirts from various SHINe school groups





The Bulacan-PDRRMO

For related Links: www.bulacanshine.webs.com www.bulacanshine.yolasite.com www.bulacan.gov.ph/pdcc/ www.prffwc.webs.com www.prffwc.synthasite.com www.savethechildren.net SHINe members who will be graduating this school year 2014-15, we wish you all the best, GOOD LUCK and GOD Bless! For present active SHINe group members we hope to see you again in the 6th Bulacan SHINe Conference (2015)... THANK YOU!

For information / contacts regarding the SHINe program: E-mail: bulacan\_rescue@yahoo.com (Bulacan-PDRRMO) prffwc\_ffb@yahoo.com (PRFFWC)

Join Bulacan SHINe FB groupsite: Bulacan SHINe (School Hydrological Information Network) Twitter: @PDRRMCBulacan; @PRFFWC

