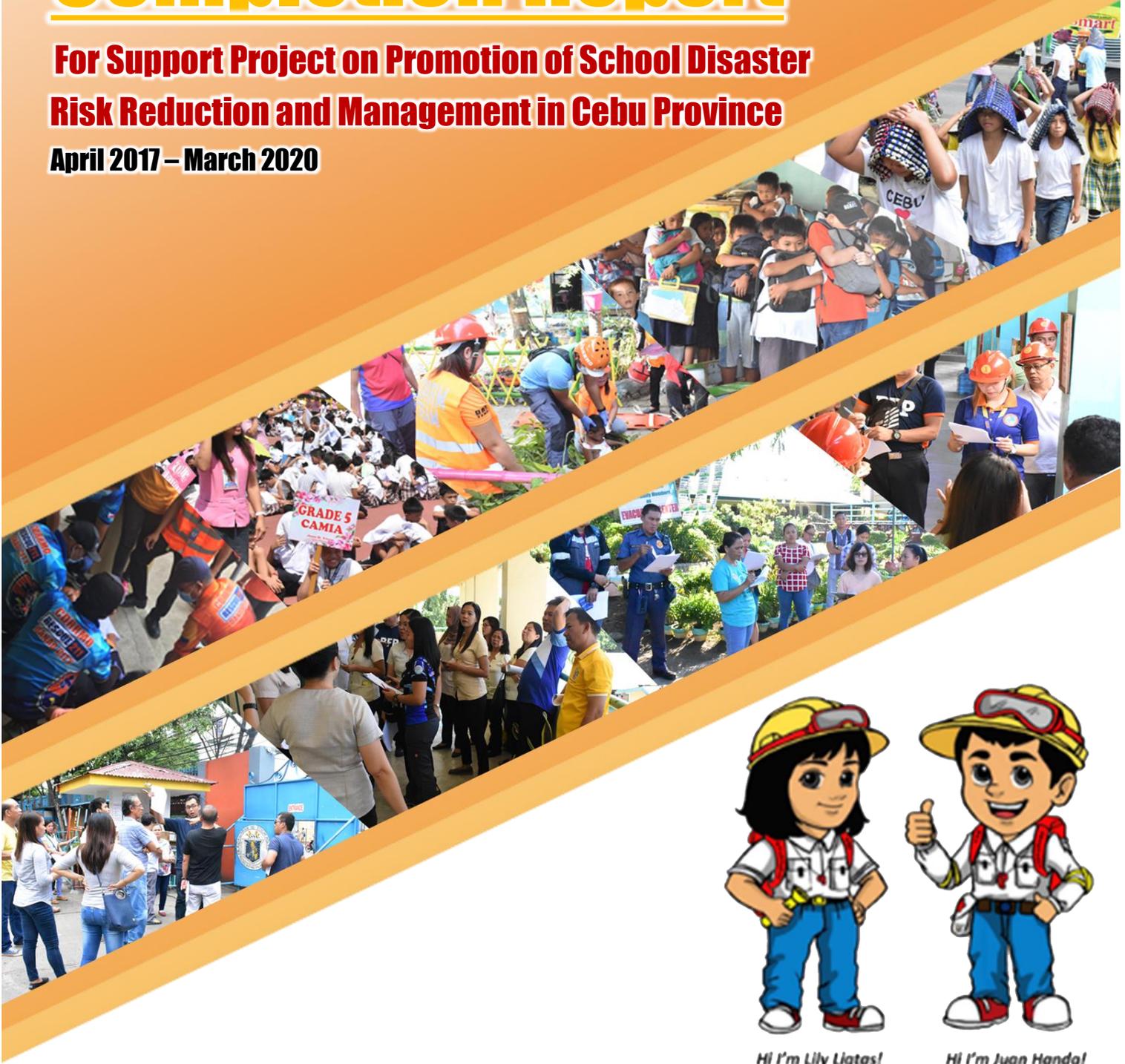


Completion Report

For Support Project on Promotion of School Disaster Risk Reduction and Management in Cebu Province

April 2017 – March 2020



Hi I'm Lily Ligtas!



Hi I'm Juan Handal!



ACKNOWLEDGEMENT

SEEDS Asia firstly would like to thank the Department of Education (DepEd) National Office specifically the Disaster Risk Reduction and Management Service (DRRMS), people of the DepEd Region VII Office, the School Disaster Risk Reduction and Management Instructing Team (SDRRM-IT), Division Engineers and all at the ten (10) Schools Division Offices (SDO) as well as the ten (10) Pilot Schools with their hardworking School Heads and teachers, for their cooperation and support which contributed to the successful implementation of this partnership initiative called the *Support Project on Promotion of School Disaster Risk Reduction and Management in Cebu Province*.

Likewise acknowledged are the Japanese technical advisory experts from Hyogo Prefectural Board of Education for sharing their sound practices and experiences on school-based DRRM and the technical resource speakers from the Philippine Government agencies such as PAGASA, PHIVOLCS, OCD-7, DSWD, DOH, PNP and BFP who provided additional learning for our Project. Our appreciation also goes out to our other supportive government partners such as the LGUs (DRRMO and Office of the Building Officials of Cities and Municipalities) of Danao City, Bogu City, Daanbantayan Municipality, Cebu City, Lapu-Lapu City, Mandaue City, City of Naga, Carcar City, Talisay City and Toledo City as well as Cebu Province, and the barangays where the Pilot Schools are located.

The Completion Report for Support Project on Promotion of School Disaster Risk Reduction and Management in Cebu Province

Published in Cebu City, Philippines

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DRR Mascot Design (Lily Ligtas and Juan Handa): Ms. Rhea Kristine U. Elnar, Teacher I, Guadalupe Elementary School



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TABLE OF CONTENTS

.....	1
ACKNOWLEDGEMENT	i
TABLE OF CONTENTS.....	ii
1. PROJECT OVERVIEW	1
Background of the Project	1
Project Overview.....	2
Project Partners	2
2. PROJECT ACTIVITIES	5
3. PROJECT ACCOMPLISHMENTS	11
Outputs	11
SDRRM Implementation Mechanisms	12
Partnership.....	15
4. Suggestion for Sustainability	16
Rolling out to non-Pilot Schools.....	16
Monitoring and Award System	16
5. ANNEX.....	- 1 -
List of Trained Teachers.....	- 1 -

1. PROJECT OVERVIEW

Background of the Project

Typhoon Haiyan, locally known as Typhoon Yolanda in the Philippines, was considered to be the strongest and the highest category super typhoon that was recorded to have made a landfall in the country. Many lives were lost and properties damaged especially in the Visayas Region and with these one of the severely affected was the education sector. SEEDS Asia, committed to supporting people in the Asia Pacific Region to build safer and resilient communities through Disaster Risk Reduction (DRR), conducted an immediate relief for affected schools through the provision of teacher and student kits as well as information, education and communication (IEC) materials at selected schools at the northern part of Cebu Province particularly the cities of Danao and Bogu and the municipality of Daanbantayan during the first quarter of 2014. During the field survey in January 2014, School Heads were asked of their preparedness measures for any kind of natural hazards that may happen. Majority said that they only conduct earthquake and fire drills which can sometimes be intermittent. This needs to establish a comprehensive disaster risk reduction education in schools prompted SEEDS Asia to take the initiative of commencing a project that would help improve the resiliency of schools and their communities. Through the support of Japan International Cooperation Agency (JICA) under its Technical Cooperation for Grassroots Project together with Hyogo Prefectural Board of Education (Hyogo BoE) and in cooperation with DepEd Central Office – DRRMS and DepEd Region VII Office (DepEd RO7), the partnership initiative called the “Project for Capacity Building on Disaster Risk Reduction Education (DRRE) through Cooperation with Local Community in Cebu Province” commenced in November 2014.

The abovementioned project was successfully completed in March 2017. The succeeding project for the school disaster risk reduction and management (SDRRM) initiatives, “Support Project on School Disaster Risk Reduction and Management in Cebu Province” started in April 2017. The preceding Project focused on DRRE to nurture the abilities of children to deal with disasters, while the new Project aimed to enhance schools’ management capacity to lessen the impacts of disasters. Department of Education is working on SDRRM based on the internationally adopted “Comprehensive School Safety Framework”, which has been uniquely interpreted as the “Comprehensive Disaster Risk Reduction and Management in Basic Education Framework”. As both DRRE and SDRRM are included in the Framework’s pillars, these two Projects are expected to create synergies for safer schools. DepEd is strengthening its thrusts in school-based DRR, including distribution of the *School Disaster Risk Reduction and Management Manual*. However, actual implementation at school level is going to take quite a long time. With this, SEEDS Asia was determined to collaborate with DepEd and Hyogo BoE with more than 20 years of experience in SDRRM, to establish practical models of SDRRM in Cebu Province.

Project Overview

Project Name: Support Project on Promotion of School Disaster Risk Reduction and Management in Cebu Province

Project Duration: April 2017 – March 2020 (3 years)

Target Area: Cebu Province - 9 Cities and 1 Municipality (Bogo City, Carcar City, Cebu City, Cebu Province, Danao City, Lapu-lapu City, Mandaue City, City of Naga, Talisay City, Toledo City)

Project Purpose: School Disaster Risk Reduction and Management is properly implemented at Pilot Schools in Cebu Province.

Outputs:

1. Training system including human resources and operations guideline for School Disaster Risk Reduction and Management (SDRRM) Teams are established.
2. Regular school safety inspection is implemented during peace time at Pilot Schools.
3. School disaster response system is established at Pilot Schools based on the coordination with local governments and barangays.
4. The teachers at Pilot Schools become able to provide appropriate guidance and instruction by the implementation of simulation exercises.
5. The initiatives and outputs of SDRRM at Pilot Schools are recognized by DepEd Central Office, Regional Offices and SDOs as good practices and shared at schools in Cebu Province.

Project Partners

Department of Education Region VII

The target areas of the Project is under the jurisdiction of DepEd ROVII, with the direct partners:

- **Regional Director:** Formerly Dr. Juliet A. Jeruta, CESO V (Officer-in-Charge); currently Dr. Salustiano T. Jimenez, CESO V (Officer-in-Charge)
- **Education Support Services Division (ESSD) Chief:** Dr. Tomas T. Pastor
- **Disaster Risk Reduction and Management Coordinator:** Mr. Ranilo L. Edar
- **Schools Division Offices (SDOs):** 19
Cebu Province, Bogo City, Carcar City, Cebu City, Danao City, Lapu-Lapu City, Mandaue City, City of Naga, Talisay City, Toledo City, Bohol Province, Tagbilaran City, Siquijor Province, Negros Oriental Province, Bais City, Bayawan City, Dumaguete City, Guihulngan City, and Tanjay City

School Disaster Risk Reduction and Management Instructing Team (SDRRM-IT)

1. Bogo City Division:

- Ms. Manilyn Jeah F. Andales, School Head of Malingin National High School
- Mr. Joel R. Bercero, former Division DRRM Coordinator
- Mr. Nicasio A. Damayo, Division DRRM Coordinator

2. **Carcar City Division:** Mr. Randy A. Watin, Division DRRM Coordinator
3. **Cebu City Division:** Dr. Theron Abel L. Aranas, Division DRRM Coordinator
4. **Cebu Province Division – Daanbantayan District:** Engr. Ester S. Roldan, Division DRRM Coordinator
5. **Danao City Division:** Mr. Christopher L. Besin, Division DRRM Coordinator
6. **Lapu-lapu City Division:** Ms. Ma. Elena D. Berame, Division DRRM Coordinator
7. **Mandaue City Division:** Mr. Amiel D. Yingayo, Division DRRM Coordinator
8. **City of Naga Division:** Mr. Conrado M. Dejarme, Jr., Division DRRM Coordinator
9. **Talisay City Division:**
 Dr. Byrceles P. Daan, former Division DRRM Coordinator
 Mr. Wee Wyn C. Elnas, School Head of Lagtang Elementary School
 Mr. Giovanni L. Almendras, Division DRRM Coordinator
10. **Toledo City Division:** Ms. Anna Liza E. Sardovia, Division DRRM Coordinator



Group photo of SDRRM-IT

Schools Division Offices (SDOs) and Pilot Schools

1. **Bogo City Division**

Schools Division Superintendent:

Dr. Nimfa D. Bongo, Ed.D., CESO V → Dr. Rosalie M. Pasaol, Ed.D., CESO V
 → Dr. Roseller N. Gelig, CESO VI

School Governance and Operations Division Chief: Dr. Norma M. Lepiten

Pilot School: **City of Bogo Science and Arts Academy**



SDRRM Team of the Pilot School and SEEDS Asia

2. **Carcar City Division**

Schools Division Superintendent:

Dr. Gregorio Cyrus R. Elejorde → Dr. Senen P. Paulin, CESO V → Dr. Ronald G. Gutay

School Governance and Operations Division Chief: Dr. Aquilo A. Rentillosa

Pilot School: **Carcar Central Elementary School**



SDRRM Team of the Pilot School and SEEDS Asia

3. **Cebu City Division**

Schools Division Superintendent:

Dr. Bianito Dagatan → Dr. Rhea Mar A. Angtud, CESO VI

School Governance and Operations Division Chief: Dr. Joelyza M. Arcilla

Pilot School: **Cebu City Central Elementary School**



SDRRM Team of the Pilot School and SEEDS Asia

4. Cebu Province Division

Schools Division Superintendent:

Dr. Rhea Mar A. Angtud, CESO VI → Dr. Marilyn S. Andales, Ed.D., CESO VI

School Governance and Operations Division Chief: Dr. Novie O. Mangubat

Pilot School: **Daanbantayan Central Elementary School**



SDRRM Team of the Pilot School and SEEDS Asia

5. Danao City Division

Schools Division Superintendent:

Dr. Rosalie M. Pasaol, Ed.D., CESO V → Dr. Roseller N. Gelig, CESO VI

→ Dr. Leah P. Noveras, Ed.D, CESO VI

School Governance and Operations Division Chief: Mr. Remegio P. Manco

Pilot School: **Beatriz D. Durano Memorial National High School**



SDRRM Team of the Pilot School and SEEDS Asia

6. Lapu-lapu City Division

Schools Division Superintendent:

Dr. Marilyn S. Andales, Ed.D., CESO VI → Dr. Wilfreda D. Bongalos, Ph.D.,

CESO V

School Governance and Operations Division Chief: Dr. Evelyn N. Gala

Pilot School: **Marigondon National High School**



SDRRM Team of the Pilot School and SEEDS Asia

7. Mandaue City Division

Schools Division Superintendent:

Dr. Arden D. Monisit → Dr. Leah P. Noveras, Ed.D, CESO VI

→ Dr. Nimfa D. Bongo, Ed.D., CESO V

School Governance and Operations Division Chief: Dr. Norma M. Lepiten

Pilot School: **Paknaan National High School**



SDRRM Team of the Pilot School and SEEDS Asia

8. City of Naga Division

Schools Division Superintendent:

Dr. Senen P. Paulin, CESO V → Dr. Gregorio Cyrus R. Elejorde

→ Dr. Rosalie M. Pasaol, Ed.D., CESO V

School Governance and Operations Division Chief: Dr. Lorenzo M. Dizon

Pilot School: **Uling Elementary School**



SDRRM Team of the Pilot school and SEEDS Asia

9. Talisay City Division

Schools Division Superintendent:

Dr. Leah P. Noveras, Ed.D, CESO VI → Dr. Ardin D. Monisit → Dr. Evangel M.

Luminarias, CESO V

School Governance and Operations Division Chief: Dr. Rosario Dioko

Pilot School: **Tabunoc Central Elementary School**



SDRRM Team of the Pilot school and SEEDS Asia

10. Toledo City Division

Schools Division Superintendent:

Dr. Joseph Irwin A. Lagura, Ph.D → Dr. Orlando G. Cadano, Ed.D, CESE

School Governance and Operations Division Chief: Dr. Gemma Gay T. Alvez

Pilot School: **Talavera Elementary School**



SDRRM Team of the Pilot school and SEEDS Asia

2. PROJECT ACTIVITIES

	Fiscal Year (JP) 2017				Fiscal Year 2018
	APR MAY JUN	JUL AUG SEP	OCT NOV DEC	JAN FEB MAR	APR MAY JUN
OUTPUT 1	SDRRM-IT formation	2. Baseline survey 3. Japan Study Visit	4. Cebu-based training	Operations Guideline drafting	
OUTPUT 2	Selection of Pilot Schools			Introduction meetings with Pilot Schools	5. Teachers training
OUTPUT 3					
OUTPUT 4					
OUTPUT 5	1. Kick-off workshop				

	Fiscal Year 2018			Fiscal Year 2019			
	JUL AUG SEP	APR MAY JUN	JAN FEB MAR	APR MAY JUN	JUL AUG SEP	OCT NOV DEC	JAN FEB MAR
OUTPUT 1	6. Training by Hyogo experts				10. Dispatch of Hyogo experts	Final survey	
OUTPUT 2	7. Safety inspection manual crafting				11. Japan Study Visit	Manual finalization	
OUTPUT 3	9. Disaster response meetings, workshop and manual crafting			Operations Guideline finalization		Manual finalization	
OUTPUT 4					12. Simulation exercises planning & conducts		
OUTPUT 5	8. Mid-term National Conference						Final National Conference

*Details of each activity are described in the following pages

1. Kick-off workshop

Date: June 1, 2017

A kick-off workshop was held in Cebu City on June 1, 2017, to discuss the Project among concerned partners, namely: SDRRM-IT, JICA Philippines, DepEd Central Office - DRRMS, DepEd Region VII,



Group photo with attendees of the kick-off workshop

DRRM officers of LGUs from the pilot areas, and others such as the DSWD. This workshop helped in establishing common understanding about the Project and facilitating each stakeholders' commitments.

2. Baseline survey

School Disaster Resilience Assessment (SDRA), a survey to assess the level of schools' resiliency to cope with natural disasters, as well as interviews to LGUs were conducted as baseline surveys. The data acquired from these surveys were examined to grasp the tendencies and diversity that the surveyed schools had, and were incorporated in the planning of activities of the Project. The SDRA was conducted again in the last few months of the Project to identify whether the Project has contributed to enhancing schools' resiliency in comparison with the results from the baseline survey.



Baseline survey

3. Japan Study Visit (first batch)

Dates: September 5 – 13, 2017

The ten (10) SDRRM-IT were invited to Japan as part of the capacity building of the members, in order for them to acquire hands-on knowledge and skills learned from the RRM practices in Hyogo Prefecture. The Project partner Hyogo BoE provided resourceful learning opportunities such as a lecture on basics of Hyogo BoE's SDRRM initiatives and observations of drills at two (2) schools, as well as a visit to a disaster museum commemorating the Great Hanshin-Awaji Earthquake and a community recovering from a flood disaster.



Drill at Fukura Elementary School



Group photo with Hyogo BoE officials



Drill at Tatsuno-kita High School

4. Cebu-based training

Dates: October 16 – 20, 2017

Aside from the Japan Study Visit, a series of training sessions were provided to the SDRRM-IT to supplement the learning from Japan, particularly with an emphasis on Philippines' DRRM frameworks, policies, coordination mechanisms, etc. so that the Team would be able to instruct the schools such basis.



Message from Ms. Ayumu Oshima, Senior Representative, JICA Philippines



Tabletop exercise given by an expert on urban disaster resilience

5. Teachers training

Dates: April 29 – May 4, 2018

Five (5) and a half day training for teachers of the Pilot Schools was held, where SDRRM-IT, SEEDS Asia and guest speakers served as lecturers. Twelve (12) teachers from ten (10) schools, 120 teachers in total participated to gain knowledge and skills with the goal of making the schools of Cebu Province resilient. The training was an introduction to the Operations Guideline which serves as the basis for implementation of SDRRM.



Photos from the teachers training

6. Training by Hyogo experts

Date: August 1, 2018

Hyogo BoE experts visited the Philippines to attend the Mid-term National Conference (see 8.), provide training to the SDRRM-IT and pay a visit to a Pilot School in Carcar City. The experts were members of the Emergency And Rescue Team by school staff in Hyogo (EARTH), who have undergone special training for supporting disaster-affected schools as well as implementing grassroots SDRRM activities at their own schools. The two (2) experts shared their expertise in assisting schools in DRRM initiatives including drills or DRRE, and motivated the SDRRM-IT by providing information on how EARTH is serving to promote SDRRM as part of their responsibilities.



Lecture using simulation games

7. Safety inspection manual crafting

Safety inspection workshops were held with Pilot Schools to identify items needed in the respective safety inspection manuals (checklists). SDRRM-IT, DepEd Division Engineers, teachers of Pilot Schools, LGU, barangays, PNP and BFP participated in these workshops. After these introductory sessions, each school drafted manuals for the regular conduct of safety inspection to undergo critiquing by the stakeholders. The revised manuals were the basis of safety inspection testing, then the findings were incorporated in the newer versions of their manuals. The findings that require improvements encouraged the Pilot Schools to add necessary changes to make the schools safer places.



Safety inspection workshop

Safety inspection manual critiquing

Testing in safety inspection

Improvements after inspection

8. Mid-term National Conference Date: July 31, 2018

To showcase the progress of the Project, the Mid-term National Conference was held in Quezon City, Metro Manila, in cooperation with DepEd – DRRMS. Guests from different offices of DepEd including the SDRRM-IT, Regional Director of ROVII, JICA Philippines were invited, and special lectures were given by Hyogo BoE experts dispatched from Japan. The Conference provided a platform for discussions over challenges and existing good practices of SDRRM. Especially when Undersecretary Mr. Alain Del B. Pascua urged the participants to express their concerns about DRRM, various opinions were exchanged. Hyogo BoE experts were the Emergency And Rescue Team by school staff in Hyogo (EARTH), who have undergone special training for supporting disaster-affected schools as well as implementing grassroots SDRRM activities at their own schools.



EARTH teacher providing a lecture



Group photo of participants

9. Disaster response meetings, workshop and manual crafting

Another set of steps for disaster response was taken just like for safety inspection. Introductory meetings were held at ten (10) Pilot Schools, participated by SDRRM-IT, LGUs, PNP, BFP, barangays, PTA and Supreme Pupil Government (SPG). Part of the program of the meeting was introduction of DRRM programs by different stakeholders. After the meetings, a Disaster Response and Evacuation Planning

12. Simulation exercises planning & conducts

To validate the contents of the safety inspection manuals and disaster response manuals at each Pilot School, disaster simulation exercises were held. Participants were not only the school personnel and learners, but also SDRRM-IT, LGUs, barangays, PNP and BFP. It was often the case that the Schools had a drill based on a realistic scenario for the first time. After the drills, all stakeholders attended a meeting to review the performance of learners as well as points to improve. Also, to test the efficiency and effectiveness of the drills, SEEDS Asia conducted interviews to teachers and learners.



Photos during simulation exercises

Division	Pilot School	Date	Hazard
Mandaue City	Paknaan National High School	Jul. 22	Earthquake
Bogo City	City of Bogo Science and Arts Academy	Jul. 23	Typhoon
Toledo City	Talevera Elementary School	Aug. 29	Ash fall
Danao City	Beatriz D. Durano Memorial National High School	Sep. 19	Thunderstorm & tornado
Talisay City	Tabunoc Central Elementary School	Sep. 20	Fire
Daanbantayan	Daanbantayan Central Elementary School	Sep. 23	Storm surge
Cebu Province	Cebu City Central Elementary School	Sep. 25	Bomb threat
Lapu-lapu City	Marigondon National High School	Oct. 8	Earthquake, fire & vehicular accident
City of Naga	Uling Elementary School	Oct. 14	Landslide
Carcar City	Carcar Central Elementary School	Oct.29	Flood



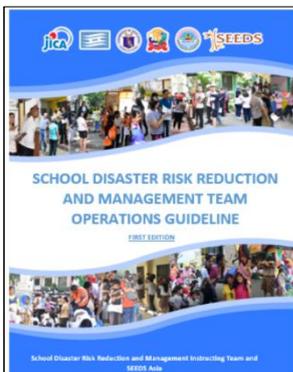
Photos during simulation exercises

3. PROJECT ACCOMPLISHMENTS

Outputs

Three (3) publications were issued as the outputs of Project activities, which can be references for the schools to implement their own SDRRM initiatives.

Operations Guideline

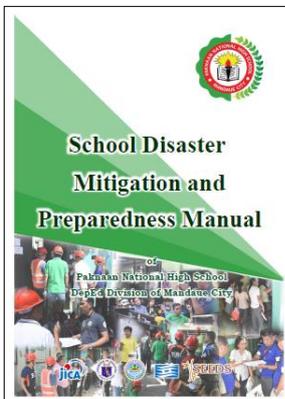


Cover page of Operations Guideline (first edition)

The School Disaster Risk Reduction and Management Team Operations Guideline is designed to give support to SDRRM implementers, particularly the SDRRM Teams in Cebu Province, in understanding different Department Orders and Memoranda, government policies and frameworks pertaining to DRRM.

This was crafted after a series of discussions and consultations with SDRRM-IT and other DepEd officials, including the workshop in December 11 to 13, 2017.

School Disaster Mitigation and Preparedness Manuals



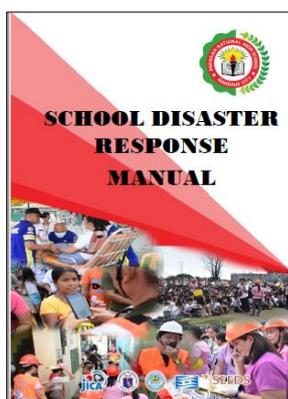
School Disaster Mitigation and Preparedness Manual of Paknaan National High School

These are outputs of the initiatives taken at ten (10) Pilot Schools. Safety inspection procedures, roles and functions of "Safety Inspectorate Teams" and customized safety inspection checklists are included in the manuals. There is a guide in each of the manuals on how to consolidate the findings from the inspections, and action-planning that is expected to be incorporated in the School Improvement Planning.



Process of testing the safety inspection

School Disaster Response Manuals



School Disaster Responses Manual

For disaster response protocols of schools, School Disaster Response Manuals were made per Pilot School. Organizational chart and roles and functions of school personnel and stakeholders are described in detail so that the school personnel will be able to perform as carefully planned, to protect lives of the people in the school and possibly, in the community.

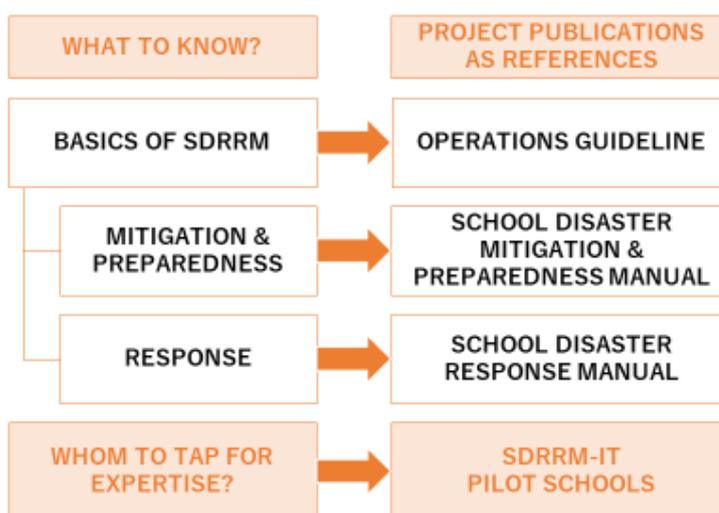


Simulation drills to test the disaster response manual

SDRRM Implementation Mechanisms

Although the Project had a limit in its implementation period of three (3) years, it reached to the key SDRRM implementers such as the SDRRM-IT as the trainers of the schools, and the ten (10) Pilot Schools for the effective establishment of sound practices of SDRRM. The SDRRM-IT who had already undergone various training about DRR concerns, greatly helped in maintaining the quality and the direction of the Project. The teachers of the Pilot Schools, on the other hand, patiently pursued the realization of safety inspection, a series of meetings and simulation exercises, which led them to be experts in the practices of SDRRM.

The Project Outputs were designed in order to assist the implementation of SDRRM in all the schools in Cebu Province. The SDRRM-IT as the instructors for schools, Operations



Guideline as a reference book for the SDRRM practitioners, and the School Disaster Mitigation and Preparedness Manuals and the School Disaster Response Manuals of the Pilot Schools as samples for other schools than Pilot Schools, and the basis of implementation/improvements for the Pilot Schools.

Below are powerful comments by the SDRRM-IT and Pilot School representatives.

Voices of SDRRM-IT

Ms. Manilyn Jeah F. Andales, former Division DRRM Coordinator, DepEd Division of Bogu City

The least thing that I have contributed to this project is sharing my personal experiences, observations and learnings, as one who experienced the Super Typhoon Yolanda and as a past DRRM Coordinator.

“The greatest threat to our planet is the belief that someone else will save it.” – Robert Swan, I will adopt the project initiative to every school and community that I will be assign to. It takes a village to make a safe, resilient school and disaster-ready personnel that would stand through the test of time and impact.

Ms. Ma. Elena D. Berame, Division DRRM Coordinator, DepEd Division of Lapu-Lapu City

Throughout my existence, service to humanity has been my passion. DRRM has given me the right venue to liberate my full potential to serve my purpose. The project that I have with SEEDS Asia is an admiration for me to extend my service not only to the sector where I am affiliated but also to the children, the youth and the community. I contributed by exerting extra efforts and time to coordinate and make the project flow smooth knowing that there are challenges in the process.

This project must not stop as the set goals were met. This is DRRM and it is a lifelong project that we have to use, revisit and prepare for. Therefore, each one of us must contribute by implementing and monitoring the progress of this project. By doing such, we can sustain the project’s initiatives.

Throughout the project’s process we encountered lots of highs and lows. With that we learned, I learned in my perspective to coordinate, listen, adapt, prepare, learn, unlearn and relearn and commit myself to the wholeness and campaign of the project. Onwards to Resiliency.

Mr. Randy A. Watin, Division DRRM Coordinator, DepEd Division of Carcar City

Having SEEDS Asia as our partner in DRRM is very significant in doing our job as DRRM Coordinators in our division. We appreciate the knowledge shared, the constant motivation and the unselfish support from the staff and the management of SEEDS Asia. As our counterpart, we will share this program to other schools in our division. Thank you SEEDS Asia and more power.

Engr. Ester S. Roldan, Roldan, Division DRRM Coordinator, DepEd Division of Cebu Province

I was able to discuss matters that relate the importance of DRRM to the school, tackling issues and concerns that arise before, during and after a disaster or calamity with continuous monitoring and evaluation, I would be able to check if the program was effective. At the same time, there will be a series of seminars and programs to keep them updated.

Mr. Christopher L. Besin, Division DRRM Coordinator, DepEd Division of Danao City

In my capacity as Division DRRM Coordinator, I have to ensure that all of our equally important partners are working well to sustain the development of this project through rigorous and vibrant cooperation from school to our local government offices. Finally coming up with an idea to adapt this manual perpetually by asking the city council to have its resolution embracing this entire project as a very vital tool in guiding our schools for the safety of their daily operations.

Our learning from this project starts with the need of every school to have an effective and operational guide manual on what to do before any incident may happen and therefore execute some preparedness measures mitigating the impact in our school especially to our personnel and learners as well.

Mr. Nicasio A. Damayo, Division DRRM Coordinator, DepEd Division of Bogu City

In this modern era, we can feel that the world has become dangerous to live in, as disasters happen almost consistently. It is our primordial task to prepare ourselves to lessen the impact of any disaster that may

occur anytime. Loss of lives and properties can be avoided if we have proper guidance and disaster preparedness manual to follow. As the focal person of disaster risk reduction and management, I will forever be grateful to this philanthropist institution, the SEEDS Asia for taking the lead to the reality of this project. Rest assured, that whatever infuse on this manual we continue spreading and educating the people, school, and the community as well.

Mr. Conrado M. Dejarne Jr., Division DRRM Coordinator, DepEd Division of City of Naga

I have contributed to the project by coordinating with our Pilot School on what should be done for the Project. My contribution to the sustainability of the project is to encourage other schools about the project. How to manage DRR is the learning that should be shared with other schools.

Mr. Wee Wyn C. Elnas, former Division DRRM Coordinator, DepEd Division of Talisay City

The school inspires me to contribute something to this SEEDS Asia Project. I have extended my full support and cooperation with utmost dedication for the SEEDS Asia School DRRM Program by sharing my ideas pertinent to the project. Filtering, challenging and sharing best practices which I think can help the community as a whole. Finally, it is my honor to be part of the team who process and take part in this daring quest for Zero Casualty in School and community during emergency situation. One of the main highlights of this project is sustainability. I can contribute to sustaining this project by lobbying for the institutionalization of this noble program. I am here to Implement, Monitor, Assess, Strategize and again, Implement. It's a cycle. I have further realized that plans will remain a piece of paper unless it is institutionalized, observed, and all the people around are aware of it.

Ms. Anna Liza Sardovia, Division DRRM Coordinator, DepEd Division of Toledo City

With SEEDS Asia's project in Cebu Province, DepEd Toledo City was one of the recipients and the school being chosen as the pilot school is Talavera Elementary School. As the DRRM Coordinator of this Division, I see to it that I provided them the support they needed, from crafting the manuals through conduct and implementation of the school safety inspection and drills. The completion and success of the project was fully from the efforts of the SDRRM -IT and active support of the pilot school principal, teachers, learners, parents, partners, stakeholders and most especially from the unending and unwavering guidance and assistance from our beloved Schools Division Superintendent Dr. Joseph Irwin A. Lagura from the start of the project until completion. And of course from SEEDS Asia personnel who provided us their full potential, knowledge, and expertise for the success of the project.

DepEd Toledo City through the leadership of our new Schools Division Superintendent, Dr. Orlando G. Cadano will help in the sustainability of the project through guided school implementation and constant monitoring. Thank you and more power to everyone!

Voices of Pilot Schools

Ms. Giselle Ann Dignos, School DRRM Team Member, City of Bogo Science and Arts Academy

I was able to engage my students to activities which aimed to give significant information about disasters/hazards. I will constantly apply and implement the project initiatives until they will no longer be just "learning" to be shared within the school but be a wisdom to be shared all throughout the community as well. Prevention is always better than any other responses. But in case of an uncontrollable disaster, knowledge will make you go a long way. Safety is the number one priority.

Ms. Farrah Boltron, School Head, Carcar Central Elementary School

On every page of life, all of us need the motivation to achieve one goal and be successful. It only needs strong determination to do something and much more when we get support from our nearest persons, for sure everything will be easier to raise high of what is aiming for. This is what we acquired now despite the struggles, not giving much emphasis or attention but with the push and back-up of your team, I know and believe that our contributions counted in and continually count us in as we continue to withstand and apply our learnings and of course can start sharing this to others. We can assure you that we have this desires, we have this dreams about this project.

Ms. Hilda Enad, School DRRM Coordinator, Cebu City Central Elementary School

The project has given the teachers on-hand experience in determining what needs to be done before the opening of class. The school can use it in making the school resilient.

Mr. Ricardo Cayacap Jr., School Head, Marigondon National High School

Marigondon National High school would like to extend a heartfelt thanks to SEEDS Asia Philippines for educating us on Disaster Preparedness and giving us an opportunity to make mitigation on possible hazards in our school together with other responsible agencies in the community (LLCDRRMO, BDRRMO, BFP, and PNP). We always treasure every moment we shared and promise to continue what we have started towards the goal of being a disaster resilience school.

Mr. Erwin B. Caparida, School Head, Tabunoc Central Elementary School

Being a pilot school of the amazing project of SEEDS Asia, it widened the perspective of the school in relation to safety and resiliency. The project equipped us with the SDRRM Team with essential knowledge and skills through the series of training, conferences, seminars and focus group discussions. The making and conceptualizing the School Disaster Mitigation and Preparedness Manual was quite the biggest challenge, at the same time, one of the biggest achievements of the school that will serve as a guide to us in assuring the safety of the school populace and the stakeholders of the academe. In order to sustain the project initiatives, the timeline of the inspection schedules must be religiously followed. Even the project implementation ends, we rekindle our partnership and keep promises to continue the initiatives and share our knowledge with other schools and encourage them to make their own manuals for the entire schools in Talisay City. Teamwork, focus, and synergy of the action are the important ingredients in attaining success. Even if they were on the verge of giving up, my SDRRM Team never parted in our journey until we came up with the said manual. Through the undying support of SEEDS Asia together with their technical assistance and guidance, we made it and you made a difference to our lives. Thank you.

School DRRM Team, Talavera Elementary School

We contributed to the project by giving time and effort in formulating and developing the school disaster manuals despite busy schedules and beyond the teaching loads. We were able to comply with the needed outputs with the assistance and guidance of the stakeholders. We shared ideas, opinions, and expertise that resulted in a very comprehensive and useful manual. To ensure the sustainability of the project, particularly the DRRM manuals, we need to realize the full implementation of the action plan based on the time frame: ask for feedback on the sustainability goals and solicit new ideas that we might improve the DRRM manual as years go by.

Being part of the project, it was indeed a great opportunity for us. Because with this rare project we were able to know what are the steps to be taken before, during, and after a disaster that may come. Also, we really feel glad that we will be able to share with my colleagues, neighbors, pupils, and stakeholders the things they need to do when a disaster strikes. We have come to realize how important it is to be prepared anytime and that safety needs to be prioritized.

Partnership

DRR stands on the basis of partnership. The concept of the Project is that schools do not have to work on DRRM concerns alone. Therefore, SEEDS Asia tried to serve as a medium between the education sector and other DRRM stakeholders including local governments. Now the schools and barangays, city/municipality governments, local PNP or BFP are strongly connected as a result of overcoming challenges of implementing SDRRM together, the partnership would surely protect lives in times of disasters.

4. FOR SUSTAINABILITY

The Support Project on School Disaster Risk Reduction and Management in Cebu Province concludes in March 2020. The initiatives taken during the Project will be turned over to DepEd, and here are some suggestions for ensuring the sustainability of such initiatives after SEEDS Asia’s operation ends.

Rolling out to non-Pilot Schools

The Project aimed to establish a training mechanism (SDRRM-IT as instructors and Operations Guideline as the basis of SDRRM implementation) and sound practices at Pilot Schools. The outputs described here are to roll out to non-Pilot Schools so that more schools in Cebu Province will be resilient to disasters. It is greatly essential that roll-out of the same initiatives as the Pilot Schools is facilitated by DepEd, with the help of the SDRRM-IT and Pilot Schools.

Monitoring and Award System

To encourage more prevailed SDRRM practices by schools (or any offices of DepEd), the Project proposes a recognition system for SDRRM activities. In order to assess such activities, a monitoring mechanism is also included in the suggestion. It is best that such a mechanism is incorporated in an existing system. To be exact, SEEDS Asia suggests that the Brigada Eskwela selects awardees based on the monitoring specific for DRRM and particularly in the aspect of “soft infrastructure”.

A tool for monitoring can be found in the Operation Guideline, particularly in 7. MONITOR & EVALUATE - 7.1. Reviewing Implementation. The sample indicators for assessment of the SDRRM practices. These are sample only, but enhancement, revision or addition is highly advised for long-term use.

5. ANNEX

List of Trained Teachers

DIVISION	NAMES
Bogo City Division City of Bogo Science and Arts Academy	Ms. Elizabeth Bilaos
	Ms. Miraflor L. Jumao-as
	Ms. Anamie A. Pescante
	Ms. Jesselle Marie D. Laxa
	Ms. Nerie Y. Las Piñas
	Ms. Julie Ann S. Pelayo
	Mr. Jimmy C. Aton
	Ms. Ruselle A. Tahadlangit
	Ms. Gisell Ann S. Dignos
	Ms. Josammy A. Macasil
	Ms. Kristhyl S. Estay
	Ms. Natasha Jane O. Ygot
Carcar City Division Carcar City Division	Ms. Farah F. Boltron
	Ms. Marivic O. Panaguinit
	Ms. Marivic C. Cui
	Ms. Rosely C. Cui
	Ms. Anne Memosa Catherine G. Jumoad
	Mr. Joel F. Canencia
	Mr. Jason Carlo A. Montesclaros
	Ms. Kervin L. Alcuizar
	Ms. Vevien Leigh D. Mirasol
	Ms. Jobelle D. Medalle
	Ms. Maria Anacorette S. Laputan
	Ms. Carolyn D. Navasquez
	Cebu City Division Cebu City Central Elementary School
Mr. Joel Benjamin P. Momongan	
Ms. Neann A. Tingal	
Ms. Grace G. Sabanal	
Ms. Jane G. Bacus	
Ms. Analie P. Labrador	
Ms. Rubelyn O. Flores	
Ms. Duffil N. Gersamio	

DIVISION	NAMES
	Ms. Asteria C. Labandero
	Ms. Ma. Theresa C. Tanus
	Mr. Jael B. Pino
	Ms. Hilda C. Enad
Cebu Province Division (Daanbantayan District) Daanbantayan Central Elementary School	Mr. Generoso Y. Monterde
	Ms. Ma. Lolita M. Descartin
	Ms. Cecilla M. Kangkee
	Ms. Bethsy V. Deliarte
	Ms. Kaye Jaезel B. Condes
	Ms. Jayma M. Julkipli
	Ms. Maria Elvic G. Dublin
	Ms. Lorina Pepito
	Ms. Virna Luz D. Godinez
	Mr. Alejandro A. Arreglo
	Ms. Flordemi C. Conde
	Mr. Jhohn Louie Arcipe
Danao City Division Beatriz D. Durano Memorial National High School	Mr. Ramil G. Lavador
	Ms. Jelyn P. Capuyan
	Ms. Cheryl C. Gonzales
	Ms. Elma O. Capin
	Mr. Arnulfo T. Tomines
	Ms. Maribeth L. Alcosoba
	Ms. Rina Lou T. Prieto
	Ms. Vivian C. Dela Cerna
	Ms. Virginia B. Monares
	Ms. Rechiel N. Omagac
	Ms. Bhaves J. Conserman
	Mr. Manuel M. Moncada Jr.
Lapu-Lapu City Division Marigondon National High School	Dr. Ernesto E. Peteluna
	Ms. Beverly S. Baguio
	Ms. Leah T. Lazarte
	Ms. Ailene G. Betarmos
	Mr. Cesar Anthony Q. Arong
	Ms. Saudi Marie A. Bonghanoy
	Ms. Gezela G. Macaya
	Ms. May T. Rosillo

DIVISION	NAMES
	Ms. Frances S. Tiongson
	Ms. Jacqueline B. Osawa
	Dr. Violeta A. Arsolon
	Ms. Arnel O. Arong
Mandaue City Division Paknaan National High School	Ms. Salvacion O. Roiles
	Mr. Pedrito P. Ruelan
	Mr. Riel B. Comedido
	Ms. Cheryl G. Quindao
	Ms. Neville E. Diano
	Ms. Leah S. Ratilla
	Ms. Mirasol R. Mendoza
	Ms. Hilde S. Gitgano
	Ms. Lovely A. Fuentes
	Mr. John Philip N. Tapa
	Mr. Norman K. Echivarria
	Mr. Edgar Casilagan
	Naga City Division Uling Elementary School
Ms. Ginalyn B. Burlas	
Ms. Mary Ann B. Dizon	
Ms. Amornia L. Cabunilas	
Ms. Grace M. Tidalgo	
Ms. Ma. Antonietta R. Larita	
Ms. Janice R. Laput	
Ms. Richellyn R. Rance	
Ms. Mary Grace S. Dakay	
Ms. Irish May N. Sayloon	
Ms. Ma. Juneth L. Rosalita	
Ms. Carmelita A. Catigan	
Talisay City Division Tabunoc Central Elementary School	
	Ms. Procesa Cañada
	Dr. Debbie C. Villo
	Ms. Aslea B. Ali
	Mr. Dario A. Olasiman
	Ms. Helen M. Nilla
	Ms. Gina L. Regidor
	Ms. Gina Z. Villegas

DIVISION	NAMES
	Mr. Noel M. Madrid
	Ms. Cristeta B. Tano
	Ms. Jessica F. Garcia
	Ms. Rizalina M. Sigue
Toledo City Division Talavera Elementary School	Mr. Melchor B. Samper Jr.
	Ms. Catherine L. Villarin
	Ms. Joan N. Aquino
	Ms. Janette M. Gonzales
	Ms. Miera A. Candelasa
	Ms. Jhinine P. Espadilla
	Ms. Cozy C. Candelasa
	Ms. Marites S. Oyao
	Ms. Creslene A. Jagdon
	Mr. Marvin B. Pardillo
	Ms. Jowilyn Omblero
	Ms. Elezabeth J. Mago



Carcar Central Elementary School



City of Bogo Science and Art Academy



Cebu City Central Elementary School



Marigondon National High School



Paknaan National High School



Beatriz D. Durano Memorial National High School



Daanbantayan Central Elementary School



Talavera Elementary School



Tabunoc Central Elementary School



Uling Elementary School





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