



IOM, UN Training Using FASAE BUTUAN WORKSHOP Experience 8.23.2014 – 8.27.2014

Site Specific

Disaster Mitigation and Planning





In Collaboration with American Legion Post 510 1st Lieutenant Magdalena Leones

Mission.

American Legion Post 510 is a VETERAN POST dedicated to acknowledge and honor Filipinos and Americans who have served in the Philippine Theater of Operations during WWII under General Douglas MacArthur. In addition, this POST will continue to support and advocate for VETERANS, active military and their families through programs that will foster PATRIOTISM and RESPONSIBLE LEADERSHIP.

Sustainability

- * At some point in time, we may wonder about our purpose in life: perhaps asking the question "What am I doing that can lead to something permanent?"
- * In this training, perhaps we can put together words, phrases, a language, images, feelings, and HOPES that will lead us to that life and happiness that is SUSTAINABLE...

However, The Way Things Are...

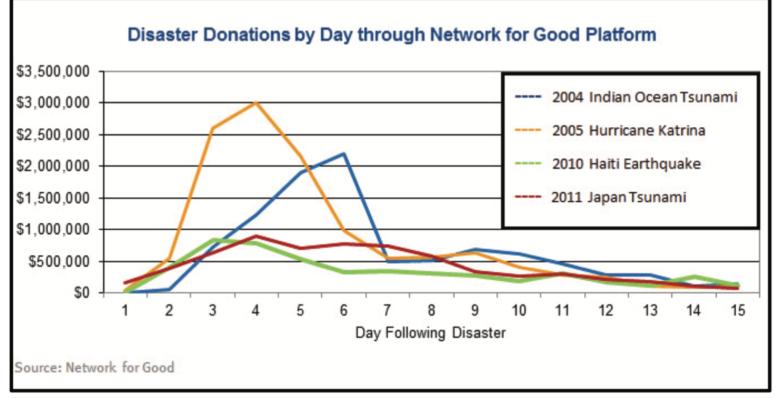
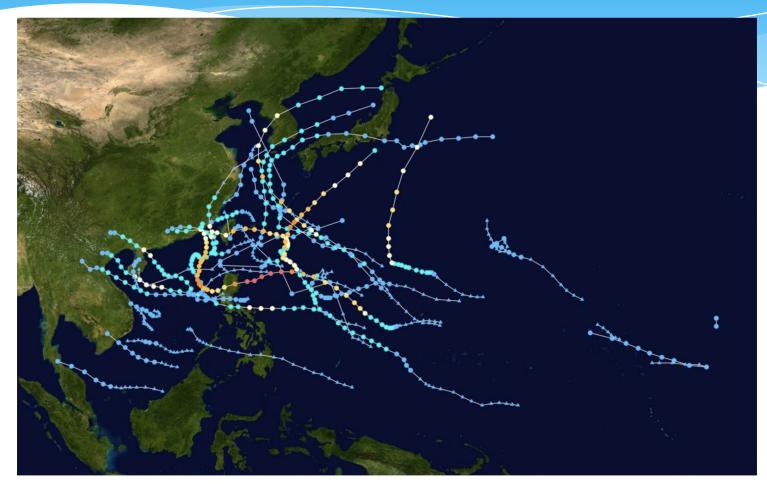


Figure A- Significant Drop in Donations After Week 1

source: http://www1.networkforgood.org/sites/default/files/howtohelp5stepstoeffectivecorporatedisastergivingcampaigns.pdf

> From: Master's Degree Thesis by Nikiya Crisostomo & Olivia Winter, Stanford University

The Challenges Natural Disasters & Human Conflict

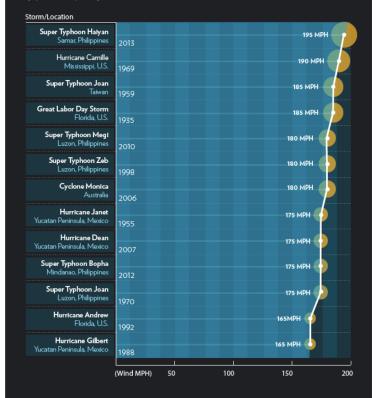


Averaging 20 Typhoons per Year in the Philippines

Super Typhoon Haiyan (Yolanda) Strongest Ever @ 195 mph in November, 2013

Five of the thirteen Typhoons with Strongest Winds occurred in the Philippine.

Earth's Strongest Tropica Cyclones at Landfall (by Wind Speed)

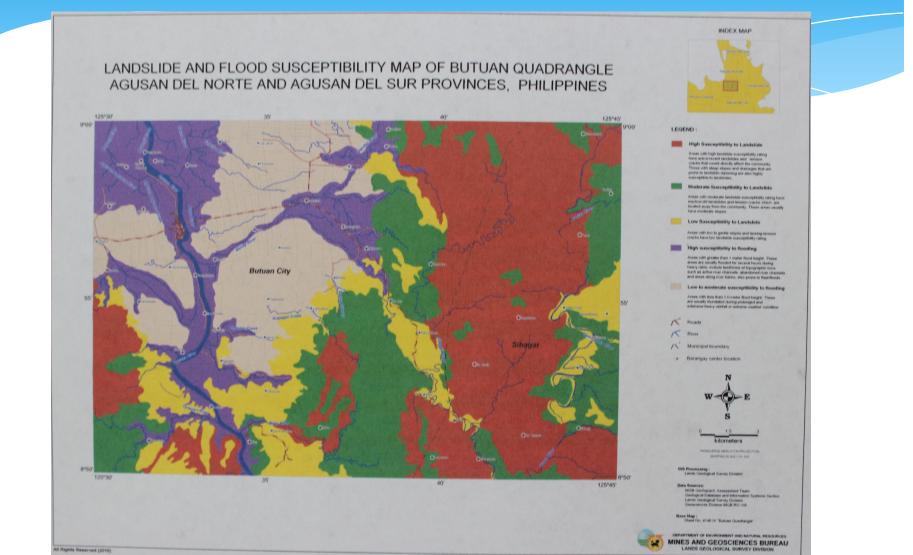




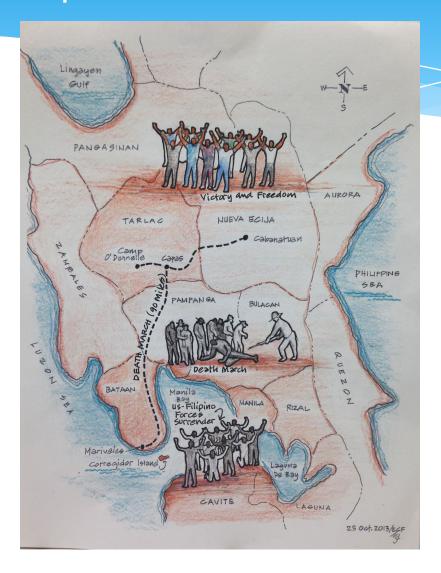
Aftermath of Haiyan Typhoon November, 2013



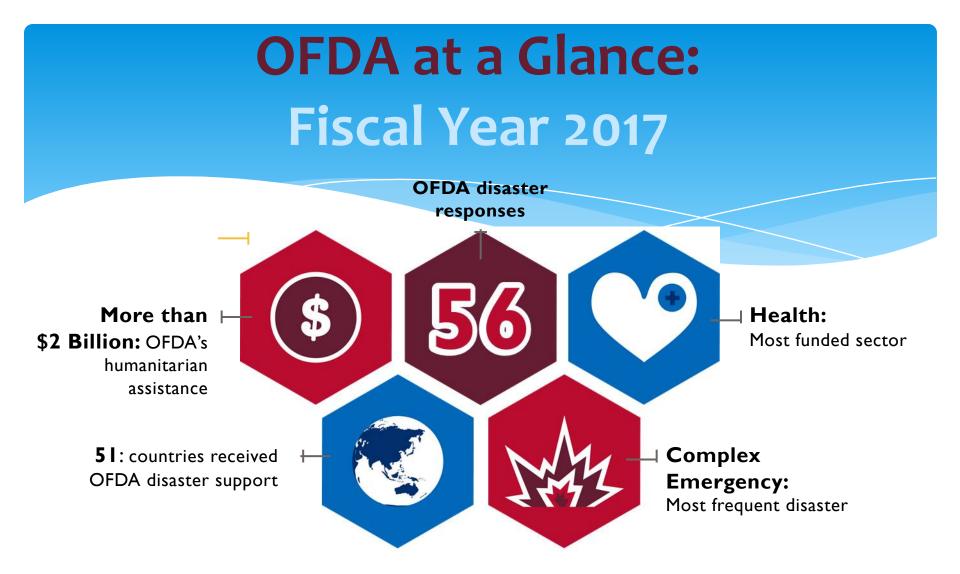
Other Hazards to Safer Shelter Earthquakes, Land Slides, Flooding



Human Conflict Effects on Shelter: Consequences of 3 years of Occupation Without Due Compensation...

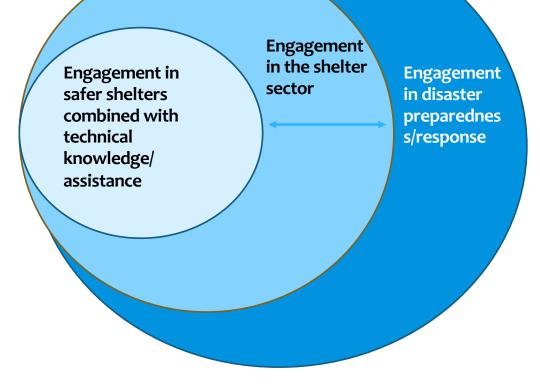








Finding: What is Missing? – Technical Knowledge / Assistance



HOW FASAE PARTICIPATED The Charrette Team



The Charrette's Version of SVDNA



The Trainers



Ric Sitjar – Structural Design, Review and Code Phil dela Cruz – Water Supply and Waste Water Treatment Ernie Florendo – Architecture and Code Floren Apelin – Construction and Manufacturing

Workshop Attendees Butuan City Professional & Technical Staff



Sustainable Village Proposals Developed by Butuan Staff Groups



CONTAINERS: BASIC BUILDING BLOCK OF TRANSITION & FINAL SAFER SHELTERS



Key: Create an ambiance of sacred family ties in the SVDNA.

The **mission** of the Sustainable Village DNA (SVDNA) is to have a manageably sized project to "build better than before" and to develop community resilience to deal with the effects of climate change that can be replicated throughout the areas devastated by the Haiyan Typhoon. The SVDNA shall include housing for approximately one hundred families and an Emergency Operations & Community Center (EOCC) in Tacloban, Philippines. The EOCC shall have primary functions of survival education, health wellbeing, livelihood, and self governance to develop community resilience. It shall be in the center where local authorities, contractors, and individual families shall be empowered to lead the renewal effort with the support of FASAE and other consultants. It shall be where the community shall cooperate and coordinate the worldwide support received in order to create permanent shelters that are adapted to each family's requirement and preferences, at cheaper cost, higher quality, and more quickly completed.



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Some Heavy Structural Calculations

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Lessons Learned Shared with College Deans Leading to Master's Degree Program



The Ultimate Challenge Lack of Sustainability

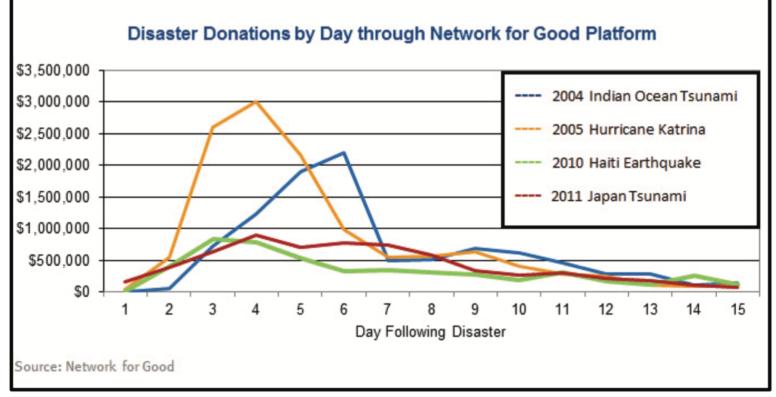


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Int'l Organization on Migration, UN Training Objectives

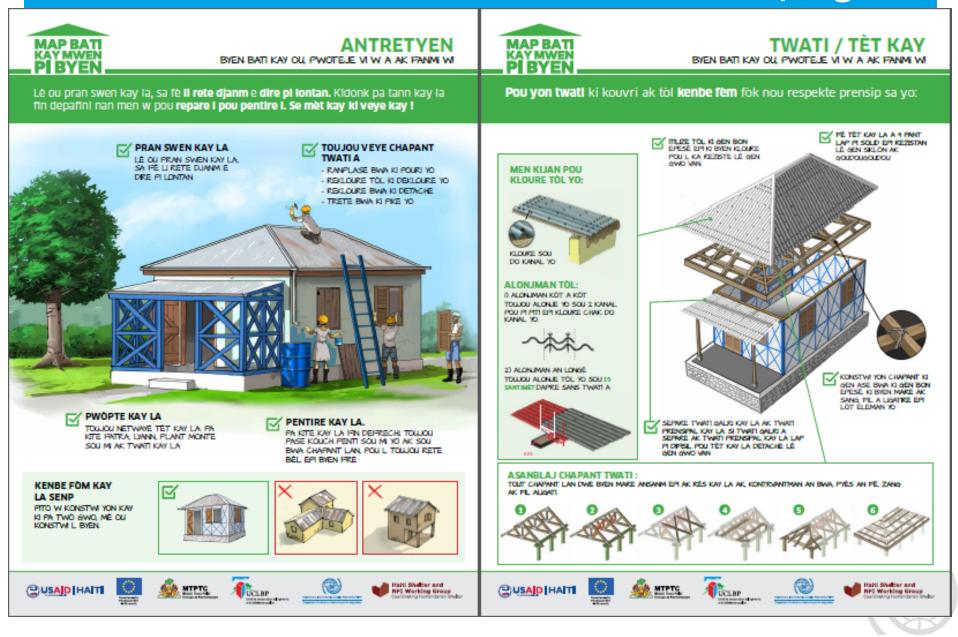
Background: Global approaches to disaster response and preparedness; existing coordination mechanisms in the field of disaster response and shelters; diaspora community awareness of the shelter sector, key elements and different types of shelters

- 1. Increase diaspora community awareness on specifics of building safer shelters in disaster preparedness and response, with a focus on best and context specific practices
- 2. Explore possible channels for a more coordinated and effective diaspora disaster response, within the diaspora and between diaspora and other stakeholders
- 3. Explore with the diaspora how to leverage their role and connections with their country of origin to transfer relevant knowledge to affected communities, promote safer shelters and, overall, increase communities' resilience

SHELTER – Build Back Safer massive campaign



SHELTER – Build Back Safer massive campaign



FASAE'S TRANSFER of Knowledge & Implementation-Pathway

Coalition/collaboration with American Legion Post 510 in San Francisco connected with ~14,000 AL posts in the U.S.

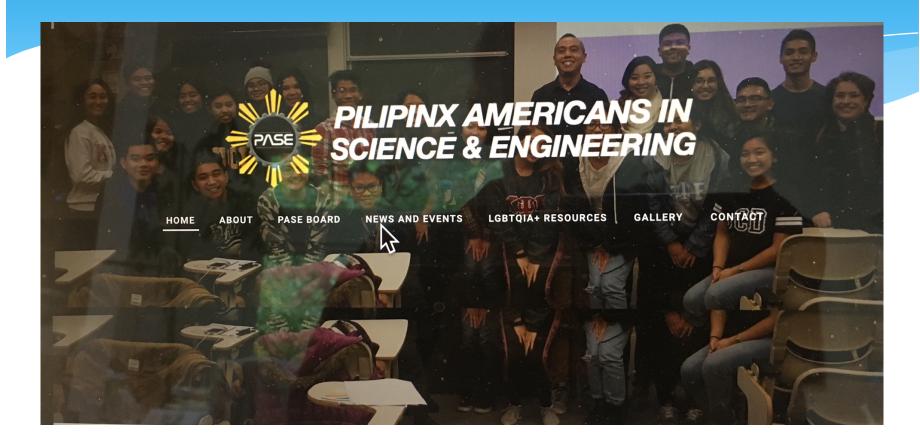
- * 300 Filipino interconnected groups in Northern California,
 300 in Southern California
- * 4-5 million interconnected Filipino Diaspora in the United States
 - Nurses organization in the East Coast with 10,000 members in
 50 Chapters
- * 11 million interconnected Filipinos around the planet in 193 countries
- * U.S.A. Business and Community Group Population

DNA Models for Sustainability

* Gawad Kalinga Model for providing homes for the poorest of the poor.

* Using Existing Networks DNA model for Disaster Preparedness and Response

Our Priceless Resources



PASE, UC Davis

Our Priceless Resources



PASAE, UC Berkeley