



**ONE ASEAN
ONE RESPONSE**

SHAHASRAKIRANNA
Disaster Monitoring and Analysis Officer

ASEAN Humanitarian Assistance (AHA)
Coordinating Centre on disaster management



The AHA Centre's office houses the Emergency Operations Centre (EOC), which serves as the central location in monitoring disasters and coordinating ASEAN's collective response to disasters



The ASEAN region has been the host of “**world class disasters**“ in the past decades ...



2004 Indian Ocean Tsunami (affecting Indonesia, Malaysia, Thailand and Myanmar)

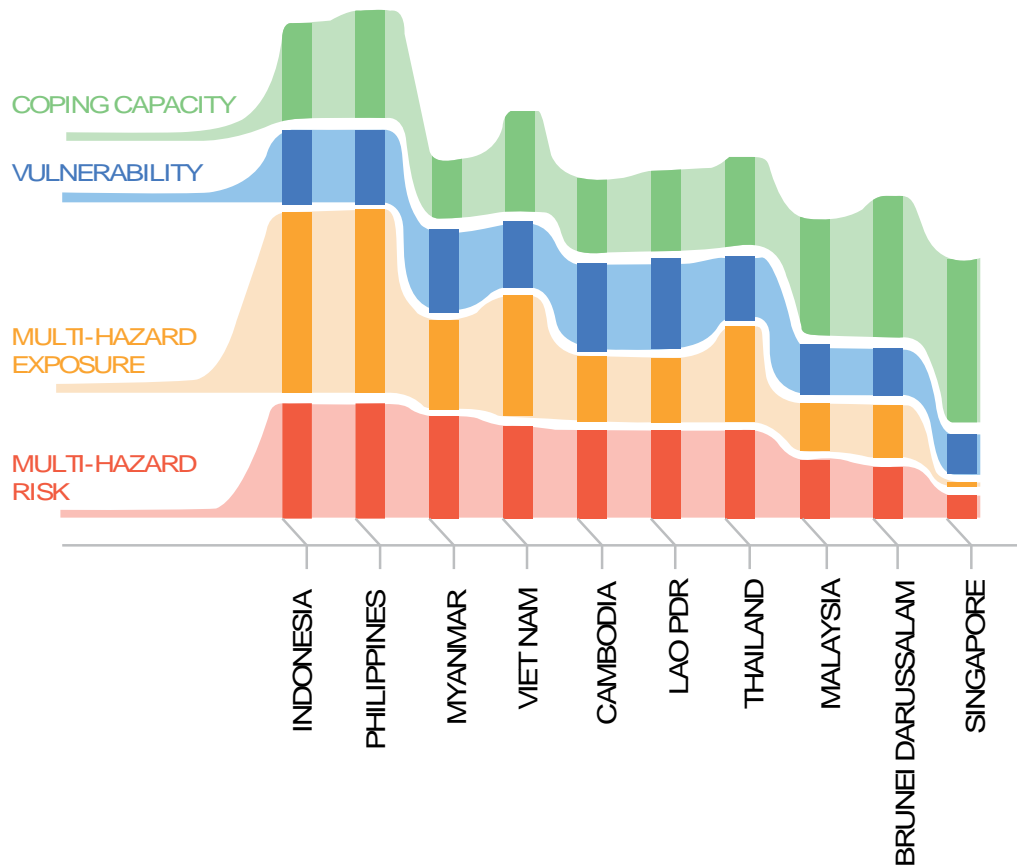


2008 Cyclone Nargis in Myanmar

2013 Typhoon Haiyan in the Philippines



Combined damage costs from these disasters are estimated at a staggering **USD22.5 billion**, with **278,000** fatalities



Multi-hazard Risk Results show that Singapore, Brunei Darussalam and Malaysia have higher coping capacities yet lower multihazard risk, exposure and vulnerability.

This “surplus” of resilience show opportunities to complement and improve other ASEAN Member States who generally rank lower.

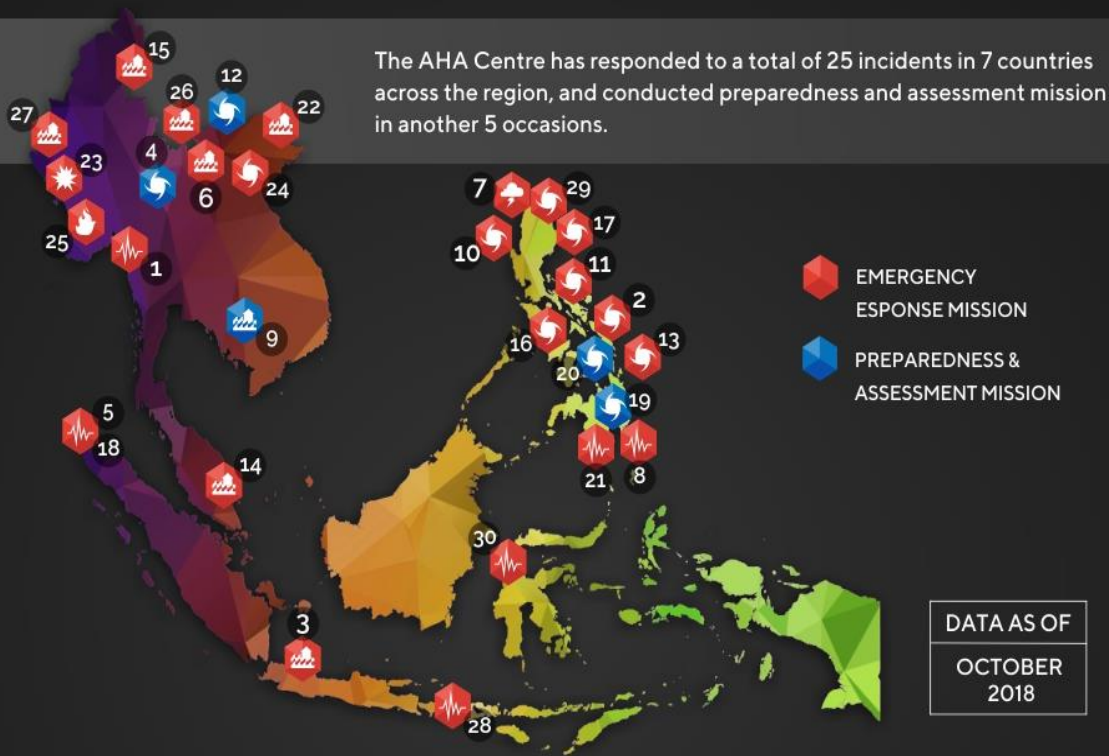
Figure 1.16

Multi-hazard Risk Results show that Singapore, Brunei Darussalam, and Malaysia have higher coping capacities yet lower multi-hazard risk, exposure, and vulnerability. This “surplus” of resilience is worthy of exploration to determine options to complement and improve other ASEAN Member States who generally rank lower.



LIST OF AHA CENTRE RESPONSES

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ONE RESPONSE



DATA AS OF
OCTOBER
2018

- 1 2012 MYANMAR, NOV THABAITKKYIN EARTHQUAKE
- 2 2012 THE PHILIPPINES, DEC TROPICAL STORM BOPHA
- 3 2013 INDONESIA, JAN JAKARTA FLOOD
- 4 2013 MYANMAR, MAY TROPICAL CYCLONE MAHASEN
- 5 2013 INDONESIA, JUL ACEH EARTHQUAKE
- 6 2013 LAO PDR, AUG FLOOD
- 7 2013 THE PHILIPPINES, AUG TROPICAL STORM MARING
- 8 2013 THE PHILIPPINES, OCT BOHOL EARTHQUAKE
- 9 2013 CAMBODIA, OCT FLOOD
- 10 2013 THE PHILIPPINES, DEC TYPHOON HAIYAN
- 11 2014 THE PHILIPPINES, JUL TYPHOON RAMMASUN
- 12 2014 VIET NAM, JUL TYPHOON RAMMASUN
- 13 2014 THE PHILIPPINES, DEC TYPHOON HAGUPIT
- 14 2015 MALAYSIA, JAN FLOOD
- 15 2015 MYANMAR, AUG MYANMAR FLOOD
- 16 2015 THE PHILIPPINES, OCT TYPHOON KOPPU

- 17 2016 THE PHILIPPINES, OCT TYPHOON HAIMA
- 18 2016 INDONESIA, DEC ACEH EARTHQUAKE
- 19 2016 PHILIPPINES, DEC TYPHOON MELOR
- 20 2016 THE PHILIPPINES, DEC TYPHOON NOCK-TEN
- 21 2017 THE PHILIPPINES, JUL INTERNALLY-DISPLACED PEOPLE IN MARAWI (IDP)
- 22 2017 VIET NAM, AUG FLASH FLOOD & LANDSLIDE
- 23 2017 MYANMAR, OCT IDP IN RAKHINE STATE
- 24 2017 VIET NAM, NOV TYPHOON DAMREY
- 25 2018 MYANMAR, APR LANDFILL FIRE, YANGON
- 26 2018 LAO PDR, JUL FLOOD
- 27 2018 MYANMAR, AUG FLOOD
- 28 2018 INDONESIA, AUG LOMBOK EARTHQUAKE
- 29 2018, THE PHILIPPINES, SEP TYPHOON MANGKHUT
- 30 2018, INDONESIA, OCT CENTRAL SULAWESI EARTHQUAKE & TSUNAMI

The AHA Centre has a **strong mandate as the regional operational coordination engine**, given through two legally-binding agreements ratified by all the ten ASEAN countries

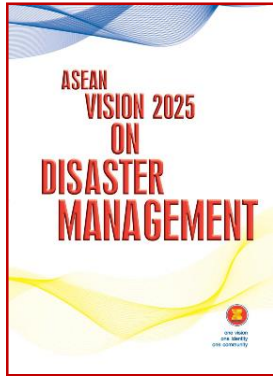


The ASEAN Co-ordinating Centre for Humanitarian Assistance on disaster management (AHA Centre) shall be established for the purpose of facilitating co-operation and co-ordination among the Parties, and with relevant United Nations and international organisations, in promoting regional collaboration.
(Article 20)



The purpose of the AHA Centre is to facilitate co-operation and co-ordination among the Parties, and with relevant United Nations and international organisations, in promoting regional collaboration in disaster management and emergency response.
(Article 3)

.... as well as high-level direction from the ASEAN Ministers in charge of Disaster Management, and the ASEAN Leaders (Heads of State/Government)



*ASEAN is well placed to become a **global leader** given its vast experience, knowledge and expertise in disaster management and emergency response by 2025... However, this current focus of the AHA Centre may need to be expanded in the next ten years ...*

(ASEAN Vision 2025 on Disaster Management)



*Affirm that the AHA Centre is the **primary ASEAN regional coordinating agency on disaster management and emergency response***

*AHA Centre, at a later stage, to enable ASEAN **to respond to disasters outside the region**, where appropriate, in partnership with regional and international agencies and centres*

(ASEAN Declaration on One ASEAN One Response)



THE SEVEN PRINCIPLES OF ONE ASEAN ONE RESPONSE



**ONE POLICY
FRAMEWORK**
AADMER



**ONE POLICY
BODY**
ACDM



**ONE POINT
OF CONTACT**
NDMOs



ONE SOP
SASOP



**ONE
RESPONSE
PLAN**
AJDRP



**ONE REGIONAL
COORDINATING
AGENCY**
AHA CENTRE



**ONE FIELD
COORDINATION
CENTRE**
JOCCA



The ASEAN Committee on Disaster Management (ACDM) is the founding fathers of the AHA Centre and serves as the Governing Board of the AHA Centre



BRUNEI DARUSSALAM

National Disaster Management Centre



MYANMAR

Department of Disaster Management



CAMBODIA

National Committee for Disaster Management



PHILIPPINES

National Disaster Risk Reduction and Management Council



INDONESIA

National Disaster Management Authority



SINGAPORE

Singapore Civil Defence Force



LAO PDR

National Disaster Management Office Department of Social Welfare



THAILAND

Department of Disaster Prevention and Mitigation



MALAYSIA

National Disaster Management Agency



VIET NAM

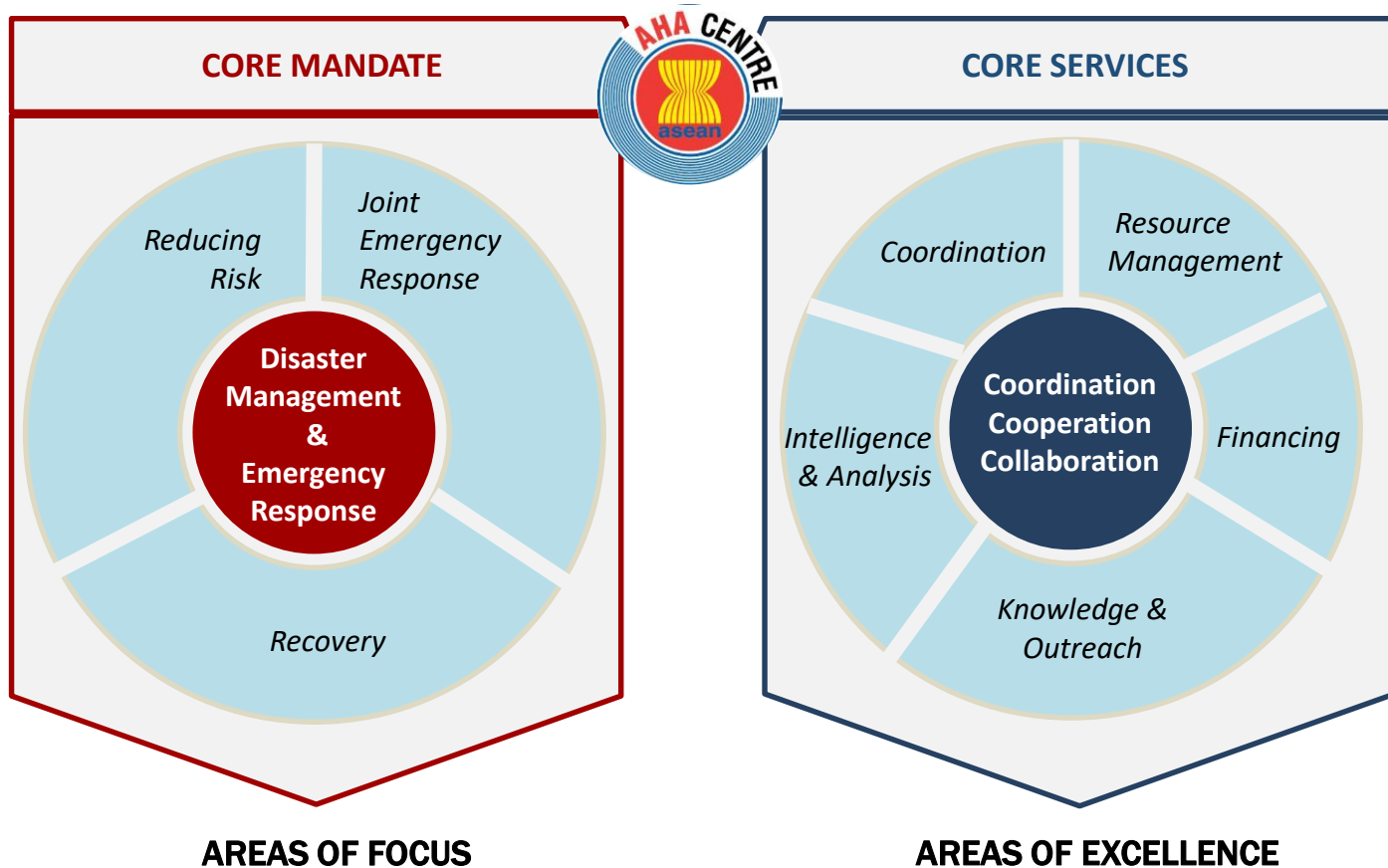
Viet Nam Disaster Management Authority, MARD - CCNDPC



The **ASEAN SECRETARIAT** as the Secretariat to the ACDM and ex-officio member of the Governing Board of the AHA Centre



Based on the purpose of the establishment, the AHA Centre shall have the following core mandate and services



THE WAY AHA CENTRE WORKS

WHEN LARGE-SCALE DISASTERS
TAKE PLACE IN SOUTHEAST ASIA

Core Service 1:
Coordination



01 NOTIFICATION OF DISASTER

- analyse the initial report and notify other party/entity of the disaster
- analyse each Situation Report and immediately notify the other party/entity of the significant developments (a) periodically or (b) by 10:00 am (Jakarta time)

02 REQUEST FOR ASSISTANCE

- forward the request to other party/entity
- explore other possible assistance

03 OFFER OF ASSISTANCE

- forward the offer to the receiving party

07 DEMOBILISATION OF ASSISTANCE AND REPORTING

- receive and update of this development
- received within 2 weeks of departure from the affected country

PERFORM MOST OF THE ASPECTS UNDER SASOP

06 MOBILISATION OF ASSETS AND CAPACITIES

- facilitate the processing of exemption for provision of assistance and facilities, transit of personnel and equipment

05 JOINT ASSESSMENT OF REQUIRED ASSISTANCE

- facilitate mobilisation of ERAT
- receive updates on any plans and findings of joint assessment
- receive copy of the Contractual Agreement for Assistance

04 DISASTER SITUATION UPDATE

- receive report within 24 to 48 hours of arrival of assistance at disaster site



In times of emergencies, the AHA Centre will establish coordination at three levels:

Coordination



Strategic

Strategic coordination: Briefing and information sharing for a common operational picture will be organised at the AHA Centre EOC (Jakarta). High level stakeholders: ASEAN Secretary-General, Permanent Missions to ASEAN, Defence Attaches, heads of other ASEAN entities, heads of UN organisations, Red Cross & Red Crescent Movement, civil society, private sector.



Operational

Operational coordination: Coordination is established at the national level for joint planning with emphasis on the primary role of the affected country's National Disaster Management Organisation (NDMO).



Field

Field coordination: The AHA Centre deploys coordination tools e.g. the ASEAN-Emergency Response and Assessment Team (ERAT), and the Joint Operations and Coordination Centre of ASEAN (JOCCA). The JOCCA or the home of ASEAN on the ground, should be co-located with the NDMO of the affected country.



For post-Central Sulawesi earthquake & tsunami last year, the AHA Centre provided **field coordination support**

Tactical level in the field



The coordination takes place at the disaster site, where the AHA Centre activates and manages the ASEAN-ERAT, JOCCA, DELSA, and other resources to ensure necessary support to the NDMO. Response teams of ASEAN and partners are expected to coordinate at this level directly on a day-to-day basis, to further the ASEAN response objective agreed at the strategic level.

Coordination mechanism: JOCCA

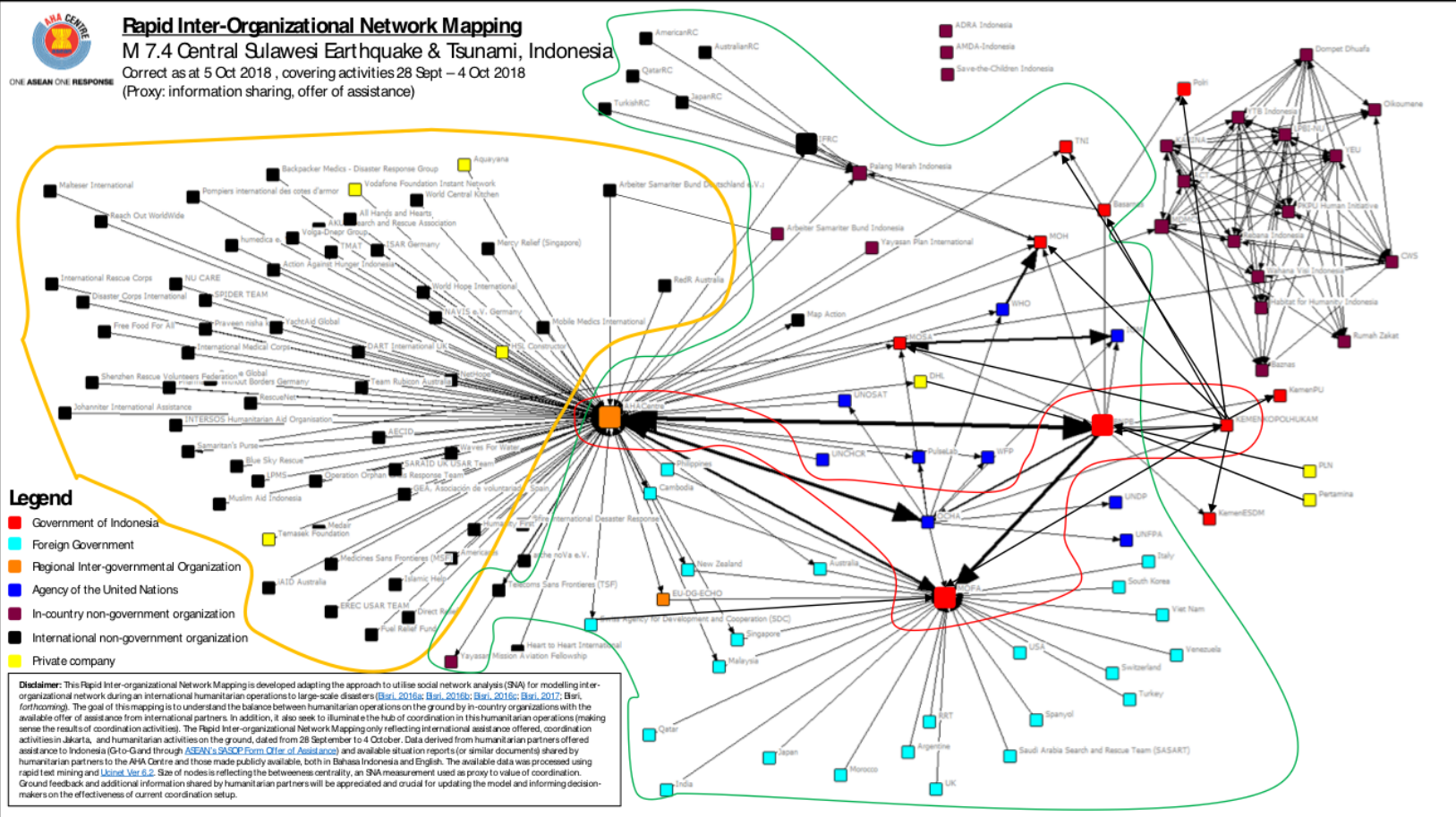
- | | |
|---|---|
| <ul style="list-style-type: none"> ✓ Joint Operations & Coordination Centre for International Assistance (JOCCIA) setup co-locate with BNPB's National Assisting Post (Pospenas) ✓ Registration desk for incoming international teams & relief items ✓ Facilitation on coordinated assessment meeting, data consolidation, and analysis ✓ Information hub for situational awareness and emergency response planning | <ul style="list-style-type: none"> ✓ Support to BNPB on facilitating incoming international assistance to the staging area at the Balikpapan International Airport ✓ Liaison services between incoming international teams with BNPB, Customs, Immigration, and Airport Authority (CIQP facilities) ✓ Moving forward: Coordination setup w/ military (CMcoord) and operationalisation of the ASEAN Military Ready Group (AMRG) |
|---|---|



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4 Oct 2014 11:58:49 AM
0.90349, 119.88849, 0
TM ASEAN_Palu

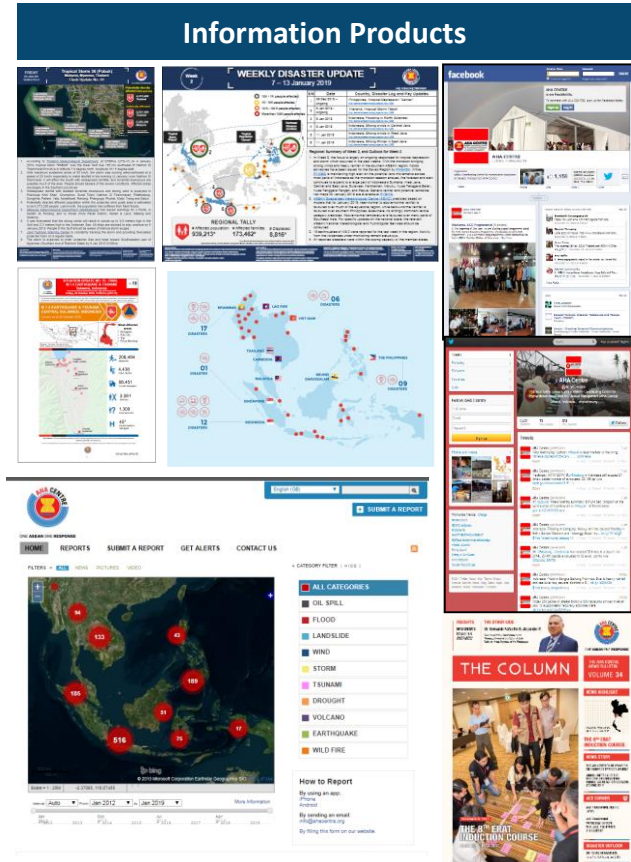
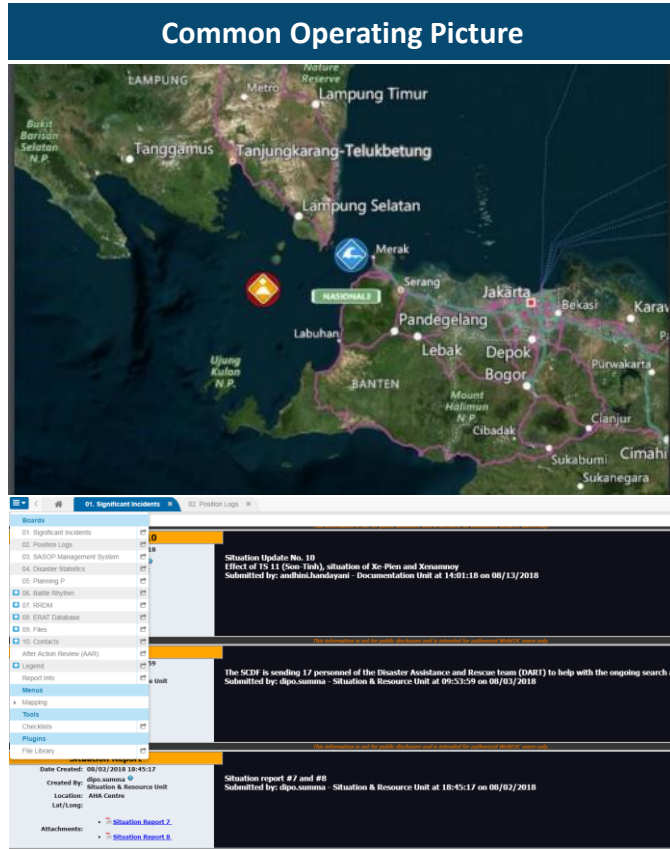
The AHA Centre played a coordination role within the first week of emergency response to help the Government of Indonesia manage incoming offers of international assistance



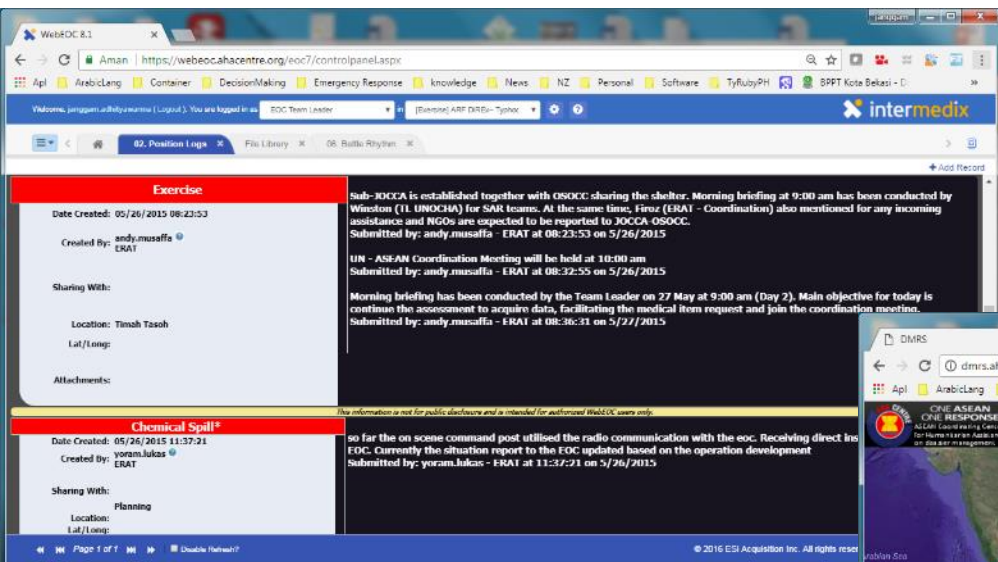
The AHA Centre provides a **platform for information sharing** among ASEAN Member States and partners, as well as **data intelligence and analysis** services



Core Service 2:
**Intelligence and
Analysis**



The AHA Centre provides common platform for information exchange among ASEAN Member States and partners



ASEAN DMRS

Disaster Monitoring and Response System provides heads-up information on potential hazards



ASEAN WebEOC

Provide online exchange of information connecting AMS, ASEAN Secretariat and AHA Centre during disasters



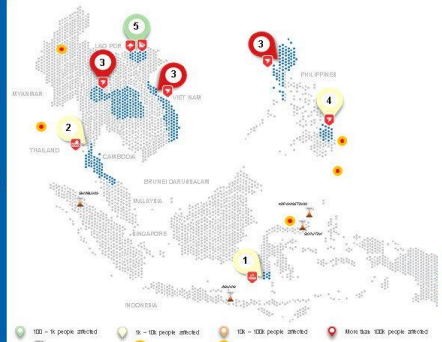
Information Products



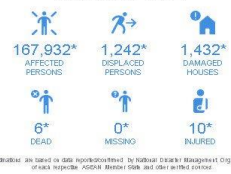
ONE ASEAN
ONE RESPONSE

WEEKLY DISASTER UPDATE
Week 35
26 Aug - 1 Sep 2019

Source: Composite Data of AHA Centre
AHA Centre is the lead agency for the ASEAN region in disaster management. It provides technical assistance and capacity building to ASEAN Member States (AMS) and other interested parties. The Centre also coordinates the ASEAN Disaster Preparedness Centre (ADPC) and the ASEAN Disaster Relief Fund (ADRFR). For more information, please visit www.asean-disaster.org.



REGIONAL TALLY



01 Disasters: Burundi Darussalam
01 Disasters: Lao PDR
03 Disasters: Thailand
01 Disaster: Malaysia
11 Disasters: Indonesia
01 Disaster: Myanmar
01 Disaster: Viet Nam
01 Disaster: Cambodia
09 Disasters: Philippines

REGIONAL SUMMARY:

Heavy rainfall persisted in the northern part of the ASEAN region due to the combination of tropical cyclones and enhancement of the Southwest Monsoon. On the other hand, dry weather and wildfires were reported in several parts of the southern ASEAN region (specifically in Indonesia).

HIGHLIGHT:

On 28 August 2019, Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) reported Tropical Storm (TS) POLDU (local name: 'BENY') exited the Philippine Area of Responsibility (PAR) after it brought gusty winds and downpours to northern Philippines, and started to move toward Viet Nam. On 30 August 2019 the National Centre for Hydro-Meteorological Forecasting (NCHMF) of Viet Nam reported that TS POLDU has weakened into a Tropical Depression. Its effects on the Southwest Monsoon still resulted to heavy rainfall and flooding in Viet Nam, Lao PDR and Thailand. Based on AHA Centre's observation, more than 150 thousand people were affected in the Philippines, Thailand, and Viet Nam. Moreover, there is a potential that the figures will increase, as the assessments are still continuing.

HYDRO-METEO-CLIMATOLOGICAL:

During the week, several part of the southern ASEAN region, including Java, Sumatra, and Papua (Indonesia) started to experience scattered and very light showers. Meanwhile, the northern part of the ASEAN region continued to experience heavy and strong rainfall due to the tropical cyclones and the Southwest Monsoon.

GEOPHYSICAL:

There were five (5) earthquakes with magnitude 5.0 and above that occurred last week in Indonesia (01/05), Myanmar (02/01), and the Philippines (03/10/05). None of these earthquakes resulted to significant damages.

OUTLOOK:

With prevailing winds in the northern ASEAN region expected to strengthen and blow from the southwest or west, the ASEAN Specified Meteorological Centre (ASMC) forecasted that parts of northern ASEAN region to experience scattered showers. Meanwhile, in the southern ASEAN region, dry condition is still expected to persist, except for some showers over Malaysia, and parts of Sumatra (Indonesia). However, hotpot activities in Sumatra and Kalimantan (Indonesia) may persist. Meanwhile, TS LINGLING and TS KAJANG will continue to develop during the next few days.

MONTHLY DISASTER REVIEW AND OUTLOOK

JULY | DISASTER MONITORING & ANALYSIS (DMA) UNIT AHA CENTRE

During the month of July 2019, as many as 27 disasters were reported within the region. This figure is 29% higher than the previous five-year average number of disaster occurrences for July – with an observable spike in the number of earthquake and landslide occurrences. However, all other figures are lower than the respective five-year average, except for numbers of injured persons. The number of injured people increased by 64% due to the M7.2 earthquake that struck North Maluku during the second week of July.



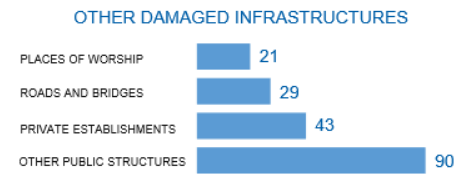
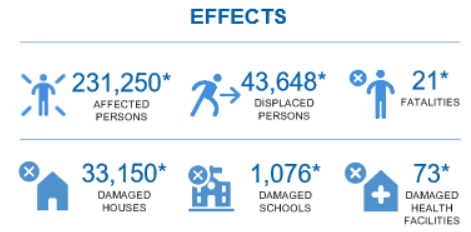
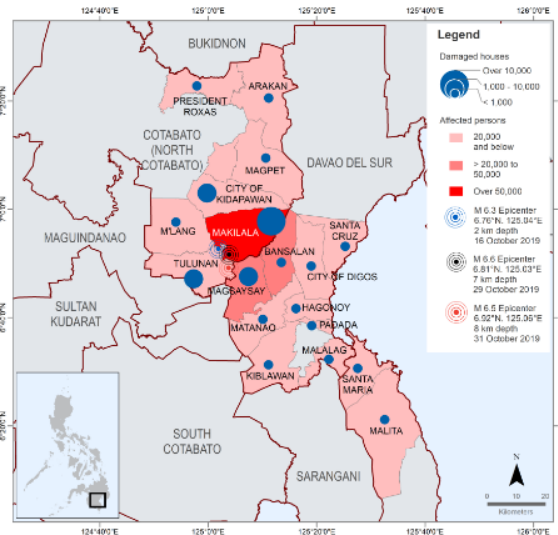
READ MORE

WEDNESDAY
06 NOV 2019
1200 HRS UTC +7

M 6.6 AND M 6.5 EARTHQUAKES IN COTABATO, PHILIPPINES FLASH UPDATE #6



ONE ASEAN ONE RESPONSE



*Estimations are based on data reported/confirmed by National Disaster Management Organisations of each respective ASEAN Member State and other verified sources

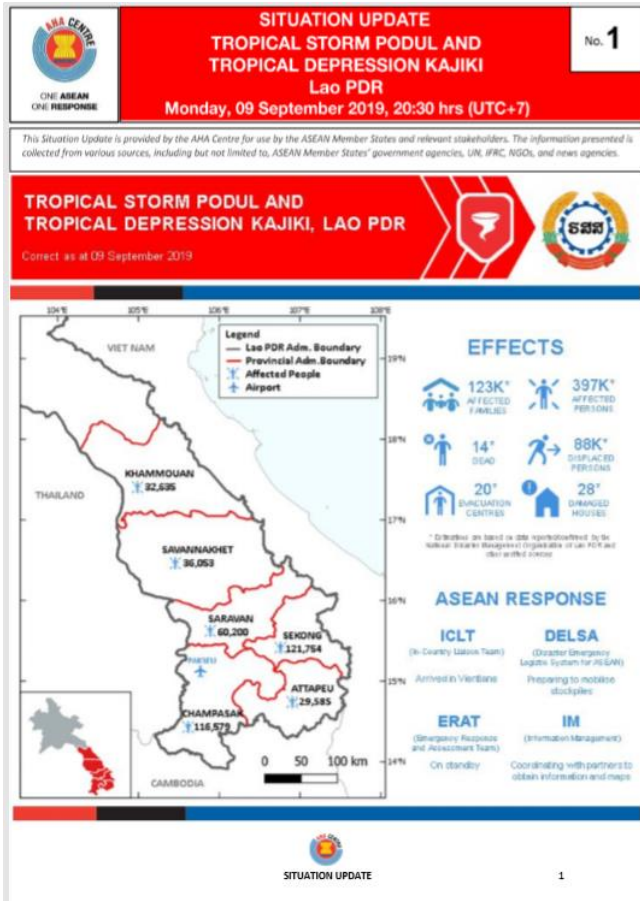
TREND OF VALIDATED AFFECTED AND DISPLACED PERSONS



Philippines



Information Products



6. IMAGERY



Figure 4: Map of affected areas in Lao PDR showing the likely flooded areas (light blue pixels), based on synthetic aperture radar satellite data before (03 April 2019) and during (06 September 2019) the flood event. Analysis was done by the ARIA-SG team at the Earth Observatory of Singapore (EOS) for Sentinel Asia.

Prepared by:
The AHA Centre - Emergency Operations Centre (EOC)

ABOUT THE AHA CENTRE

The AHA Centre – ASEAN Coordinating Centre for Humanitarian Assistance on disaster management – is an inter-governmental organisation established by 10 ASEAN Member States – Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand and Viet Nam – to facilitate the cooperation and coordination among ASEAN Member States and with the United Nations and international organisations for disaster management and emergency response in the region.

The ASEAN Coordinating Centre for Humanitarian Assistance on disaster management (AHA Centre), Graha BNPB 13th Floor, JL Raya Pramuka Kav 38, East Jakarta, 13210, Indonesia
Phone: +62-21-210-12278 | www.ahacentre.org | email: info@ahacentre.org

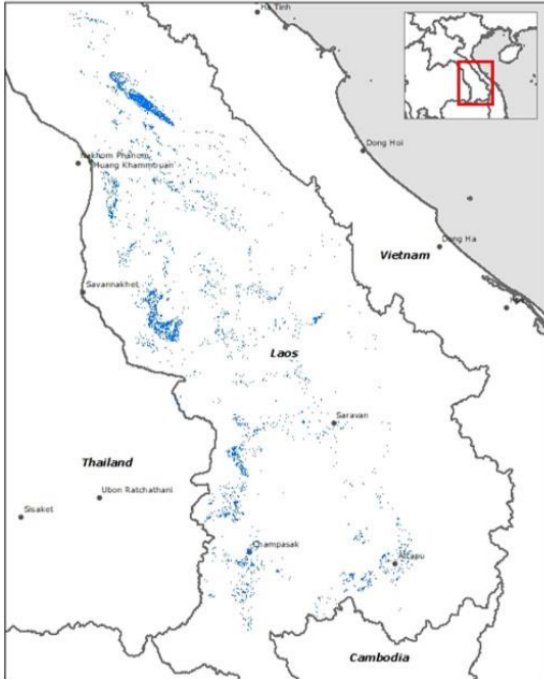
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- 2) Shaharukhanna, Disaster Monitoring & Analysis Officer, shaharukhanna@ahacentre.org
- 3) Justin Chin, Disaster Monitoring & Analysis Intern



Joint Information Products

Floods: LAO PDR– Estimated Flood Impact Analysis Modeled Preliminary Impact and Loss Estimates Flood Extent as of 06 September 2019



Maximum potential population exposure



197,245

people inundated by flooding



children <15 yrs



adults 15-64 yrs



elderly >64 yrs



414 million

Kcal per day



19,725

100 liter waste bins



589,763

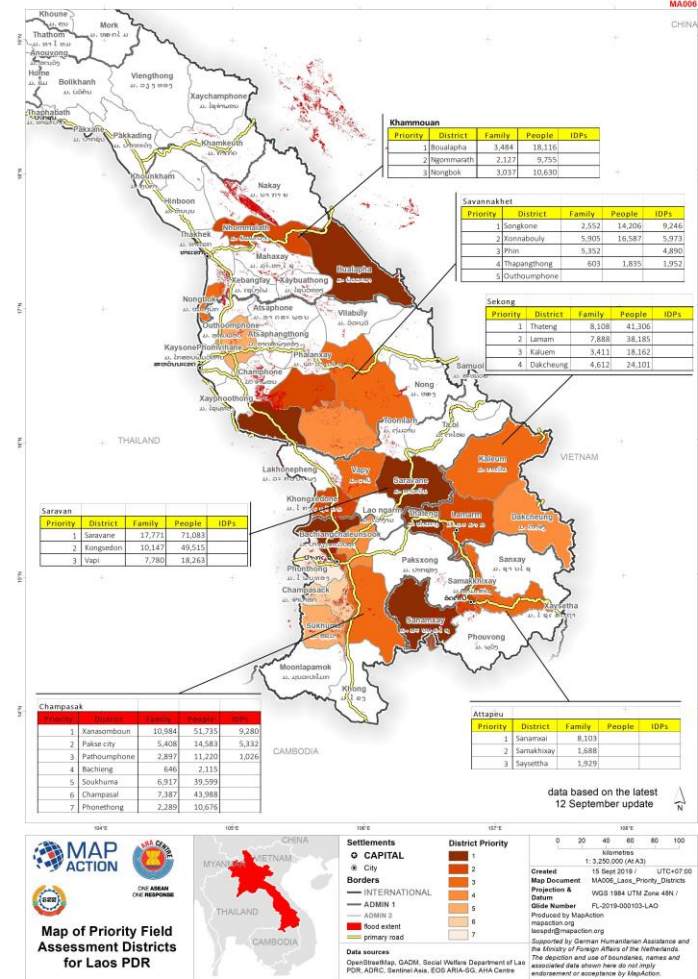
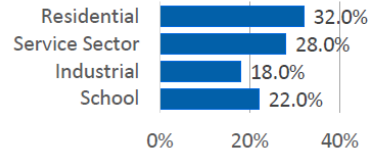
liters of water per day



680,495

square meters of shelter

Total Capital Exposure **\$753.4 million**



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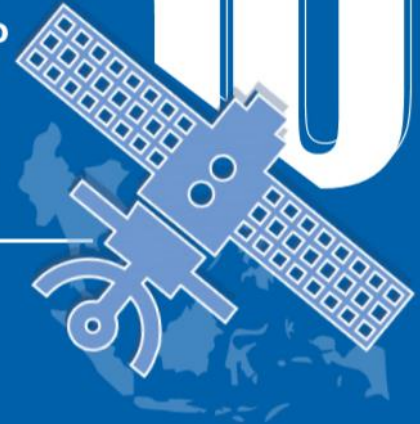
ASEAN Risk Monitor and Disaster Management Review



CHAPTER

Space-based Information Utilisation to Support Emergency Response & Recovery

10



Authors:
Mizan Bieri
Takanori Miyoshi
Makoto Ikeda
Giriraj Amamath
& Qingyuan Pang

ARMOR



The AHA Centre manages the **database of standby resources** of ASEAN Member States to fill the gaps and needs of affected country



Core Service 3:
**Resource
Management**



The AHA Centre is managing the Disaster Emergency Logistic System for ASEAN (DELSA), which consists of a stockpile of relief items located in Subang, Malaysia. Two other satellite warehouses in the Philippines and Thailand will be operational soon by end of 2019.



TARPAULINS



OFFICE AND LIVING PREFABS



GENERATORS



FAMILY TENTS



ASEAN FAMILY KITS



MOBILE STORAGES



READY-TO-EAT MEALS



RESCUE BOATS



OFFICE SUPPLIES



ICT SUPPORT



The AHA Centre is also managing the ASEAN-ERAT that can be deployed as a regional response team



- Regional rapid response team
- Deployed upon request – free of charge
- In support of the National Disaster Management Organisation
- Currently **over 320** in the roster, and will grow more & go bigger in-country
- Immediate deployment - within 24h arrive in the affected country
- Fully self-sufficient
- Set-up a Joint On-Site Operations and Coordination Centre (JOCCA)
- Coordination, rapid assessment, logistic support, early recovery, civil-military coordination
- Deployed for approximately 10-14 days



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ONE **RESPONSE**

Thank you