Malaysia’s 2014 East Coast Flood

Purpose: Information
Submitted by: Malaysia
INTRODUCTION

- 14 States & 3 Federal Territories
- 32 million population
- 329,750 sq km area
DEMOGRAPHY

- 73% in rural & sub urban
- 27% in urban
- 2.6% urban population growth (annual)
- 90 people / sq. km density

2014 data*
RISK PROFILE

4,675 km coastline

297,597 Population within 1km from coast *

599,790 Population within 2km from coast *

* The Earth Institute of Columbia University
Floods are the primary hazard affecting Malaysia, ranking at the top for most of the states in the country.
MALAYSIA FLOOD MAP

- 9% of total land area are flood-prone areas
- 4.8 million people live in areas at risk of flooding
Landslides & Storms are also significant though their effects are limited to much smaller areas all over the country.
Chapter No VII: Recovery

District Level Disaster Management Committee and State Level Disaster Management Committee is responsible to prepare a post-disaster assessment and to proposed recovery plan to Federal Level Disaster Management Committee for financing & implementations.
Worst Floods
15 Dec 2014 – 3 Jan 2015
21 were killed
350,000+ were affected

2014 EAST COST FLOOD RECOVERY ACTIONS
Govt. Infrastructures
Losses
RM1.92 billion
USD 480 million
worth of infra damages

Setelu, Gua Musang, Kelantan
• Shortage of food supplies & clean water
• Lack of banking services slows down economic activities
• Household item price rose by more than 300%
- 100+ healthcare facilities were badly affected
- 180 hospitals’ staff working tirelessly in 5 days
- HUSM experienced blood shortages
- Medical student were mobilized to assist medical officers on duty at HUSM
• (3) universities affected
• 340+ schools were either:
  • converted into temporary shelter
  • Inundated by flood
• Opening day of new school term delayed for (1) week
- Palm oil & rubber export affected
- Rubber output dropped 30%
- Tourism badly affected
- Properties & land value has dropped 25%
Government-led recovery effort
Post-Disaster Management Unit

- 4 February 2015
- Under Prime Minister Department
- Special Federal secretariat to oversee, coordinate & facilitate recovery programs

- Infra & Housing
- Economic recovery
- Database & budget monitoring
- Coordinating & Reporting
Infrastructures

- 2,313 permanent houses
- 9,078 house repaired

RM208 million
USD 52 million cost of building & repairing (2014-2015)
Infrastructures

New Housing Scheme
Monetary Relief

- RM500 per household
- 200,000+ family

RM142 million
USD 35.5 million monetary relief
Infrastructures

• Post disaster projects

RM1.51 billion
USD 378 million
worth of contracts
SME Financial Assistance

Coordinate by Central Bank of Malaysia
- To help SME business & agriculture industry affected

RM755 Million
USD 188.75 million Soft financing approved
Challenges / Issues

- Documentation of lesson learnt
- Land matters
- Abandoned transit houses
- Insurance mechanism
- Coordination of assistance
- Post Disaster need assessment
- Identifying local partners for assistance
- Waste disposal management
WAY FORWARD

National Disaster Recovery Framework

• Provide clear guidelines for government agencies & institutions (National Directive & Act + exercises / simulations).
• Recovery programs / projects must take into account resilience & risk reduction efforts.
• 12th Malaysia Plan (mitigations)