

### **Disaster Management Malaysian Perspective**

Mechanism & Challenges

### Outline



- Introduction
- Mechanism of Disaster Management
- Issues & Challenges
- Conclusion

### **INTRODUCTION**

# Malaysia @ Pacific Ring of Fire







### **Natural**

Natural Forces
\* Geological / Meteorological



Tsunami



Flood / Mud-slides



**Earthquake** 





Industrial
\* Technological / Human



**Forest Fires** 

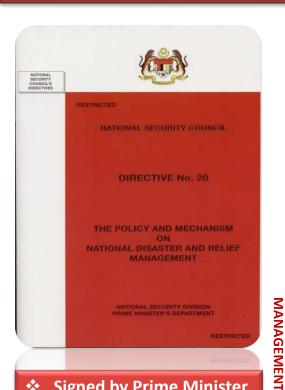


**Collapse Structure** 



**Explosion** 

### Directive No. 20 Policy and Mechanism on National Disaster and Relief Management



- Signed by Prime Minister 11<sup>th</sup> May 1997
- Reviewed on 30<sup>th</sup> March 2012
- Inland Disaster only
- Not apply to Maritime
- **❖** Not apply to Air Disaster
- Before, During and After
- NADMA Coordinating Agency

### THREE TIER DISASTER MANAGEMENT MECHANISM





Tier 1
District / Local Authority

Tier 2
State Level

Tier 3
National Level

District Disaster
Management
Committee (JPBD)

State Disaster
Management
Committee (JPBN)

National Disaster
Management
Committee (JPBP)

Chaired by District Officer

Chaired by State Secretary

Chaired by Appointed Minister

**Operational Commander** 

**District Police Chief** 

**Operational Commander** 

**State Police Chief** 

Operational Commander
Police Internal
Security Chief

**Forward Commander** 

**District Fire Chief** 

**Forward Commander** 

**State Fire Chief** 

Forward Commander
Fire Deputy
Director General

Operational

# Main Factors Determining The Level of Disaster

### 2. Damages & Losts



4. Specialised Aids and Supports



3. Capability of Finance, Human Resources & Logistics



1. Complexity & Magnitude

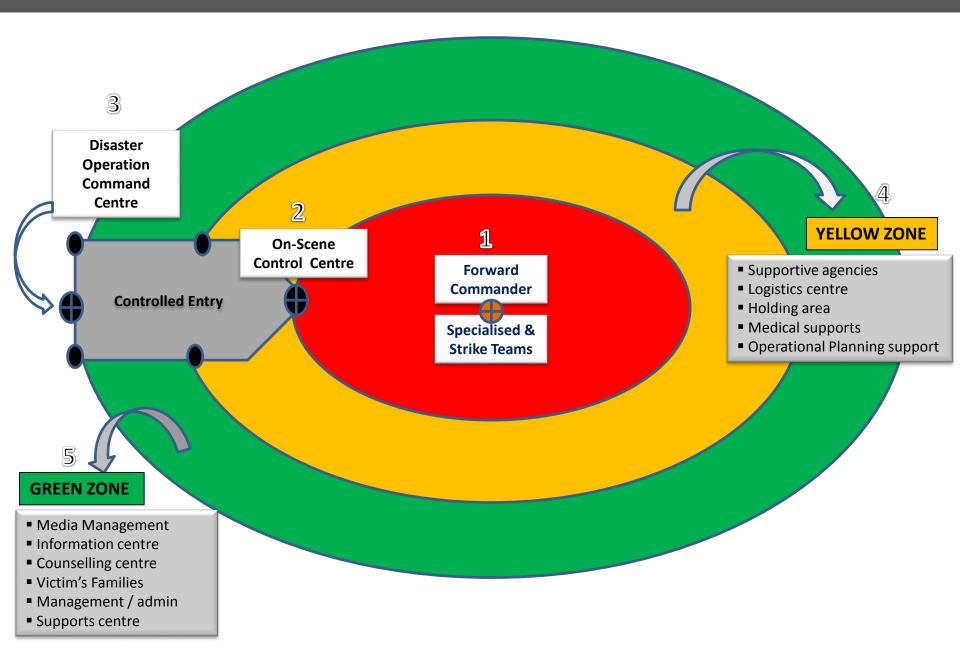


# 5. Operational Duration & Span of Control



### DISASTER DECLARATION AND SYSTEM FLOW MANAGEMEN: **Set-up of Disaster Green Zone** Management **Operation Command** JPBD / JPBN / JPBP Administration **Centre Deployment of** 6 volunteer services System **Yellow Zone** supports **Deployment of** 5 essential supportive emergency services **OPERATIONAL Set-up of On-scene On-Scene Command &** Ops Strategy **Control Centre** Control Ops Supports **Incident Commander** 3 declaration of disaster **Forward Commander Red-Zone – Forward** Tactical Commander Tasking assessment **Emergency incident**

# DISASTER MANAGEMENT MECHANISM ON-SCENE'S ZONING



### THE MECHANISM **DISASTER MANAGEMENT** LINE OF COMMUNICATION AND INFORMATION FLOW YAB PERDANA MENTERI YAB TIMBALAN PERDANA MENTERI YB MENTERIYANG DILANTIK OLEH YAB PERDANA MENTERI SEBAGAI PENGERUSI **AGENCIES' CONTROL CENTRE** JAWATANKUASA PENGURUSAN BENCANA PUSAT (JPBP) PUSAT PUSAT LAIN-LAIN PUSAT KAWALAN OPERASI BILIK PUSAT **PUSAT** PENGURUSAN KAWALAN BENCANA (PKOB) KAWALAN OPERASI GERAKAN BILIK OPERASI OPERASI **PUSAT PENGURUSAN OPERASI** PASUKAN MALAYSIA GERAKAN PERTAHANAN (PPO) PUSAT, (PKO) PUSAT. NEGARA (PPON), MKN (POP), ATM SMART (MCC), PDRM AGENSI JBPM JPAM YB SETIAUSAHA KERAJAAN NEGERI PENGERUSI JPBN JAWATANKUASA PENGURUSAN AGENCIES' CONTROL CENTRE BENCANA NEGERI (JPBN) PUSAT PUSAT PUSAT LAIN-LAIN GERAKAN KAWALAN PUSAT KAWALAN OPERASI KAWALAN BILIK **OPERASI** OPERASI BENCANA (PKOB) KONTINJEN GERAKAN (PGO) (PKO) (BILIK GERAKAN NEGERI) (CCC), PDRM AGENSI NEGERI, JBPM NEGERI, JPAM **PEGAWAIDAERAH** PENGERUSI JAWATANKUASA PENGURUSAN BENCANA DAERAH (JPBD) AGENCIES' CONTROL CENTRE POS PUSAT LAIN-LAIN **PUSAT**

KAWALAN

DAERAH

(DCC), PDRM

KAWALAN

TEMPAT

KEJADIAN

PUSAT KAWALAN OPERASI

BENCANA (PKOB)

(BILIK GERAKAN PEJ. DÁERAH)

PUSAT

KAWALAN

OPERASI (PKO)

DAERAH, JPAM

BILIK

GERAKAN

**AGENSI** 

**GERAKAN** 

**OPERASI** 

(PGO)

### **CHALLENGES**

### **ISSUES**

Complacency

Silo Attitude

**Coordination flaw** 

Lack of awareness program

Operational Conflicts

Mismatch of information



### Disaster Management Malaysian Perspective

### CONCLUSION

- ✓ Enhance Disaster Management Mechanism
- ✓ Comprehensive Awareness Program
- ✓ Common Disaster Management Tools
- ✓ Seamless Communication System
- ✓ Comprehensive Preparedness Program







## TERIMA KASIH

