



**Rapid Damage Assessment to Resilient Recovery**  
**29<sup>th</sup> January to 1<sup>st</sup> February 2018**  
**SAAARC Disaster Management Centre**



# **MULTI-SECTOR INITIAL RAPID ASSESSMENT (MIRA)**

**By**

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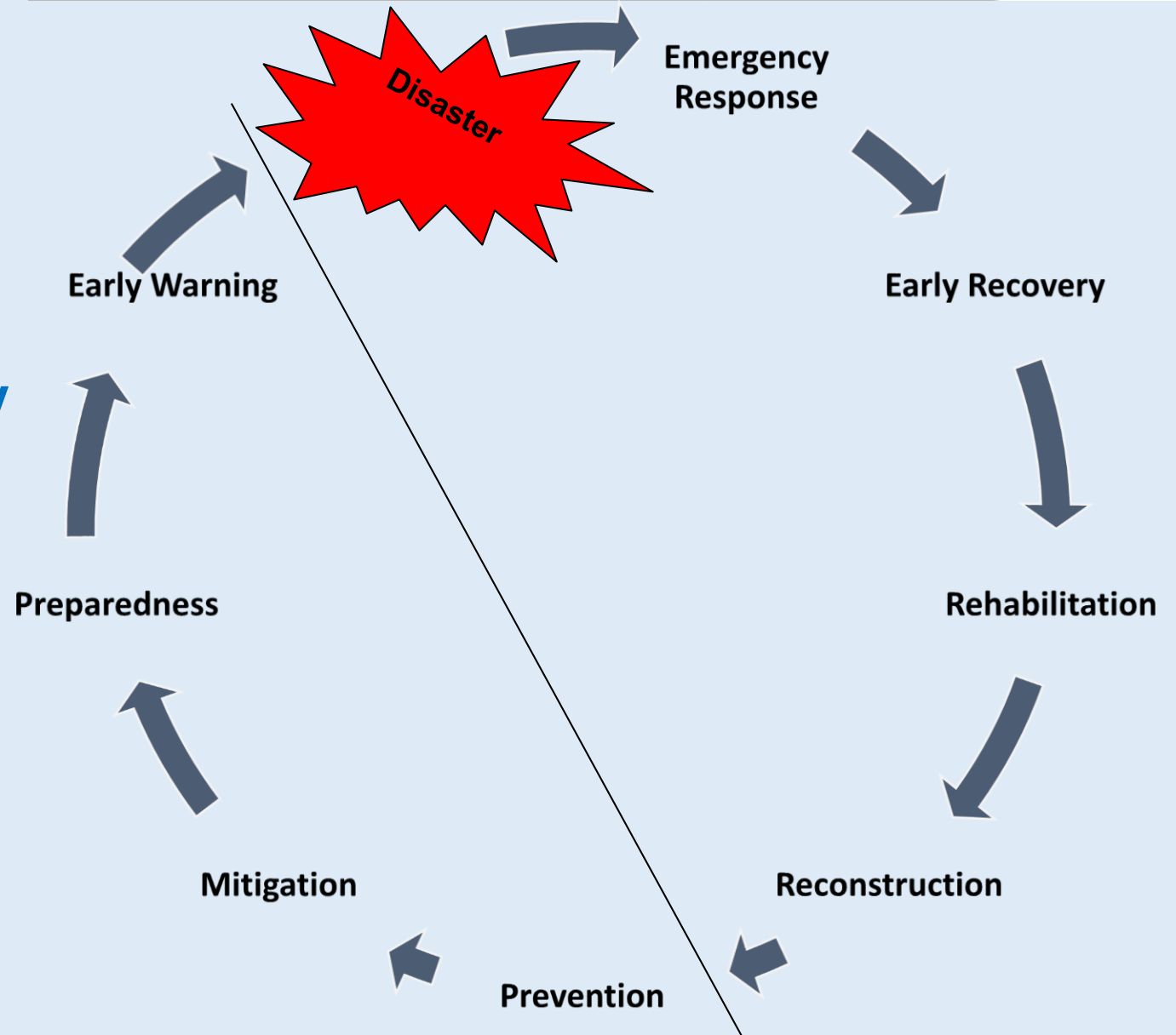
- **Introduction - Assessment in emergencies**
- **Objectives**
- **MIRA Process**
- **Responsibility Matrix**
- **Selection of Enumerators**
- **Data Collection – Techniques**
- **Way Forward**



**In Disaster situations role of assessment is critical to identify:-**

- **What type of information will be required?**
- **What would be the most important information source?**
- **How the data will be collected, analyzed and presented?; and finally**
- **Timeline of all the activities**

- Availability of accurate and timely information is critical at every stage of DRM
- Information need varies at every stage of disaster
- MIRA deals with information collection just after the disaster



- **Globally adopted tool for scientific, quick & accurate disaster assessment**
- **Joint needs assessment tool**
- **Used in sudden onset emergencies**
- **Process to produce a humanitarian snapshot**
- **Data collection and analyses of information on affected people and their needs**

# Introduction-Assessment in emergencies



Provides **snapshot** and **common understanding** of the **humanitarian situation** for the natural disasters.



**Affected areas**  
(classification, scale, scope, severity)



**Humanitarian needs**  
(prioritization, risks and problems)



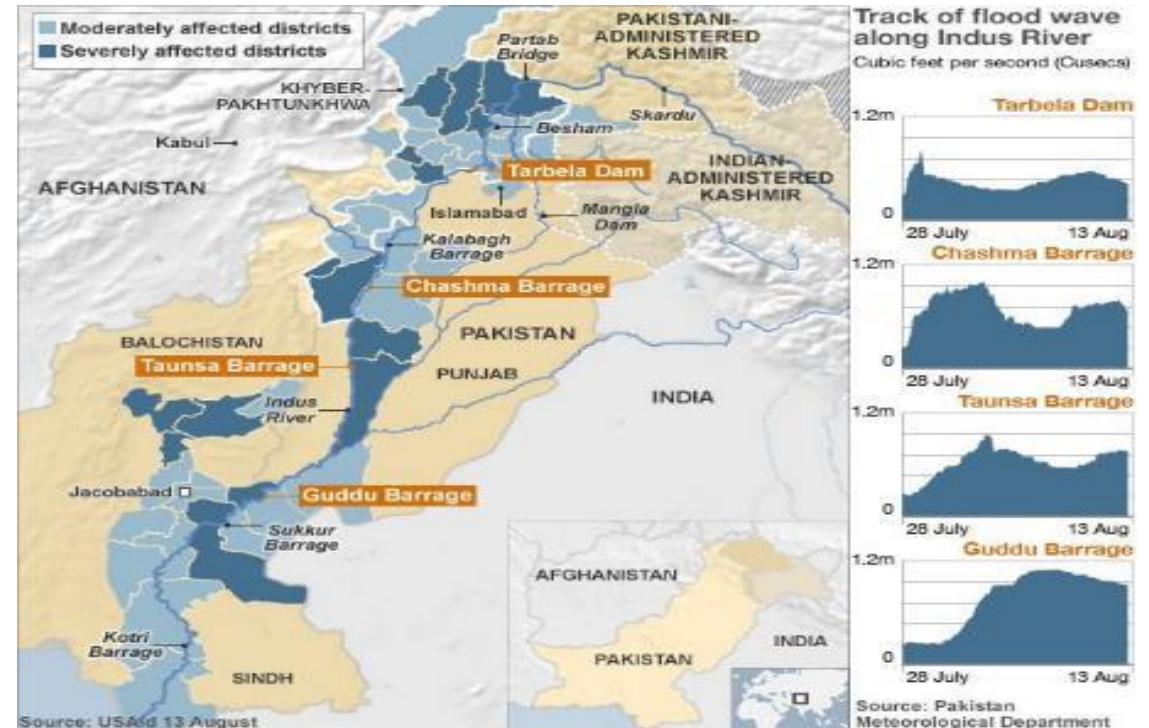
**Population groups (people in need of assistance, vulnerable groups)**



# Objective



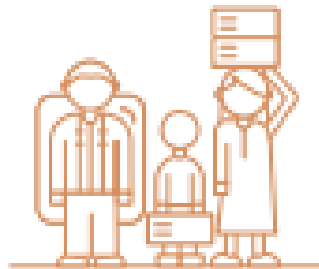
- Assist decision makers to **comprehend**:
- Nature,
  - **Dynamics**,
  - Scale and scope of the disaster.



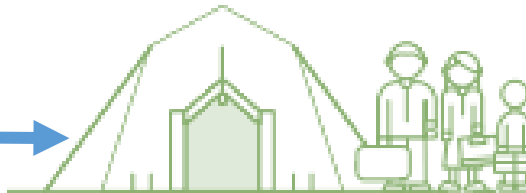
# Objective



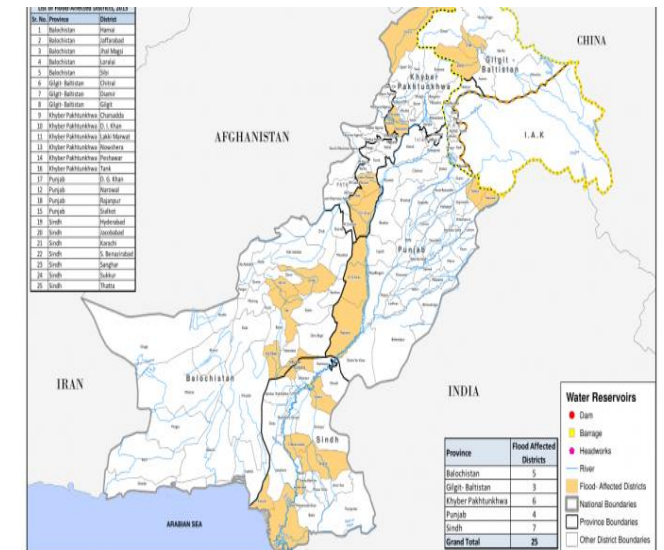
- Identify strategic humanitarian priorities for timely response & resource mobilization



Displaced



In Camps



Districts with  
highest needs

# Objective



- **Strategic decision making** (e.g. response plan, flash appeal, international assistance etc.)
- **Response strategy and priorities** such as to initiate response , adjust ongoing response, and to monitor the situation





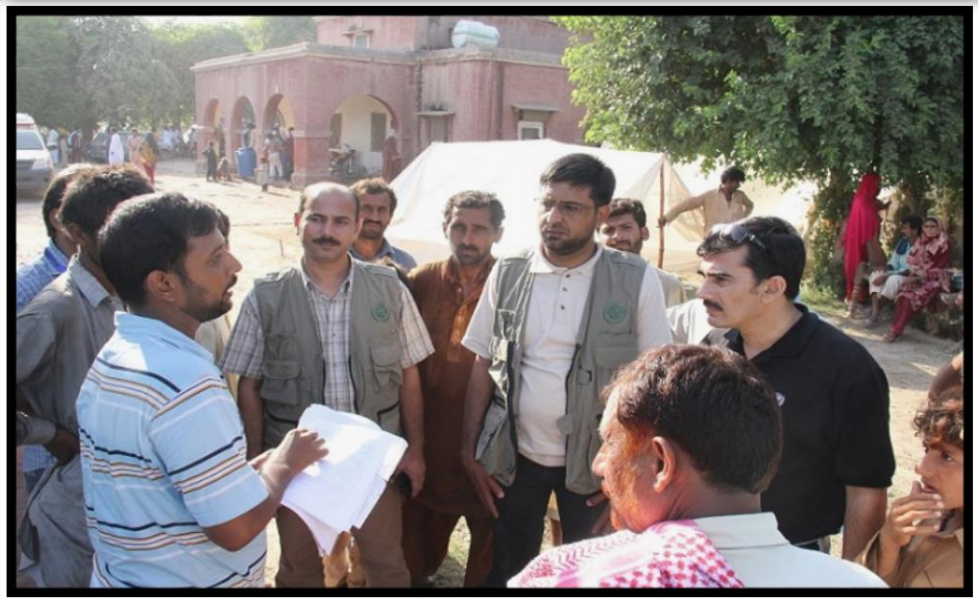
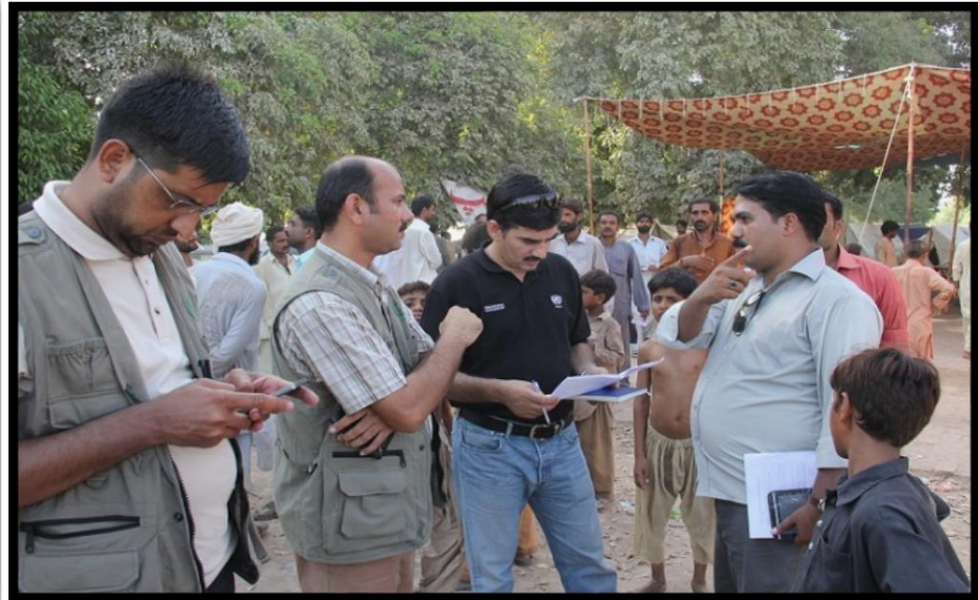
# Objective



- Snapshot and Common understanding
- **Strategic decisions**
- Strategic priorities & overview
- **Response strategy and planning**
- Resource mobilization
- **Situation monitoring**
- Initiate response
- **Adjust ongoing response**
- Monitor situation

- **NDMA & HCT** agreed to develop Assessment & Monitoring Framework in **2012**
- **MIRA** proved an extremely effective tool after floods 2012 & 2014 in **Pakistan**

# NDMA & UNOCHA Joint Assessment Team





- **Major Grey Areas were observed in MIRA**
  - **Non-availability of trained enumerators at the time of assessment**
  - **Lack of validation mechanism**
  - **Absence of multi-hazards manifestation**
  - **Operational Guiding Principles on roll-out; and**
  - **implementation & responsibilities**

# MIRA Approved on 18 April 2017



# Objectives

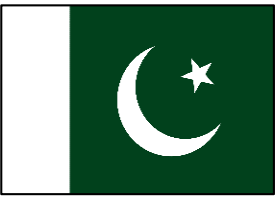


- Quick snapshot of humanitarian situation
- Assist decision makers to comprehend nature & dynamics of disaster
- Identify strategic humanitarian priorities for timely response & resource mobilization
- Efficient, smooth & effective survey to identify
  - Priority needs
  - Scale and extent of disaster
  - Gaps in response

# Sectors Covered in MIRA



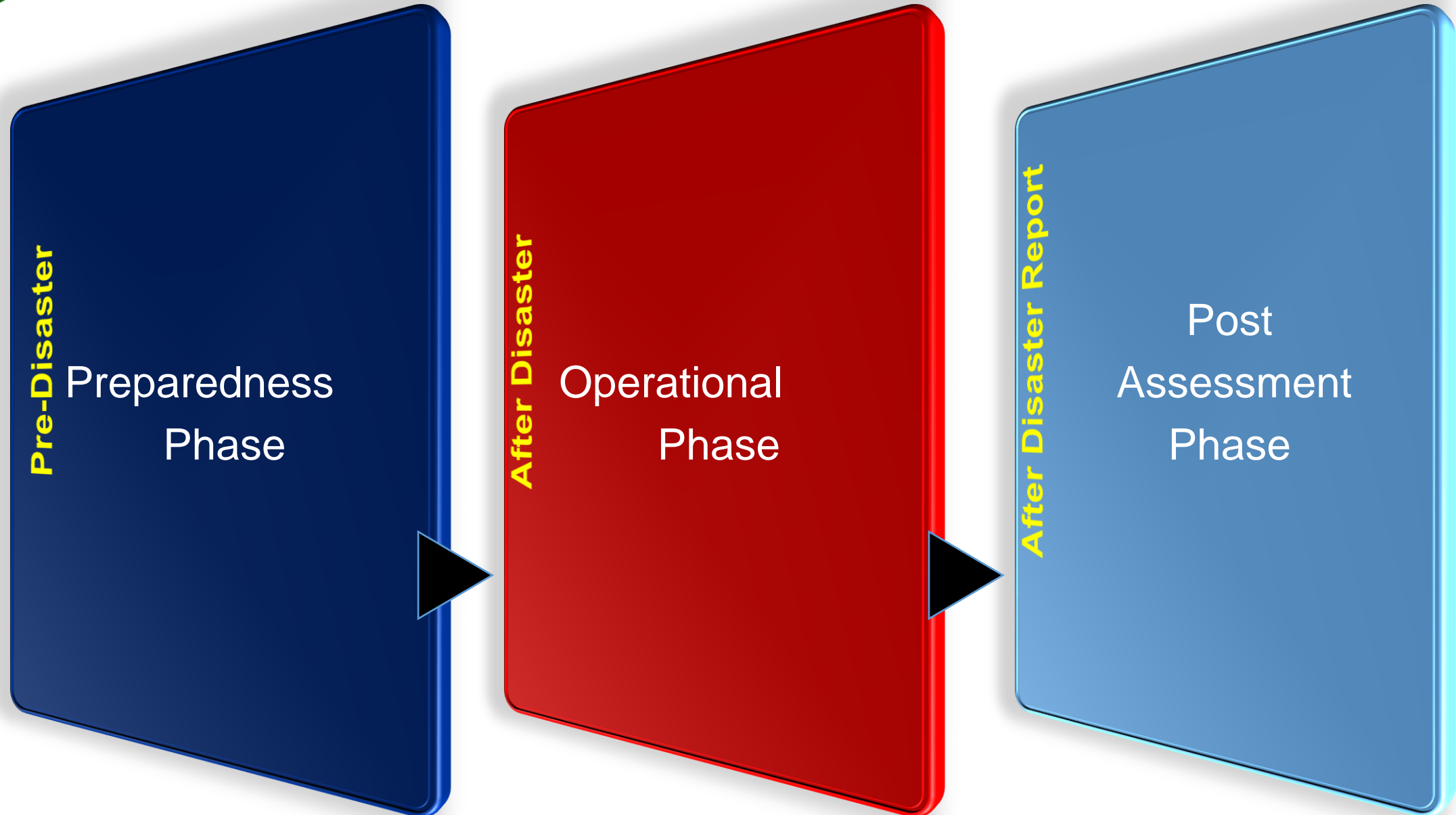
# MIRA Initiation Process



- **Extreme intensity disaster (s) with Medium, High or Mega intensity**
- **Concerned DMAs will declare intensity of disaster & request NDMA for MIRA**
- **Final decision by NDMA in consultation with all stakeholders**
- **NDMA & UNOCHA will coordinate with relevant DMAs & humanitarian partners to support implementation**



# MIRA Phases





## Preparedness Phase (Pre-Disaster)

- **Resource Mapping (Human, Physical & Financial)**
- **Capacity Building of Stakeholders (Enumerators and Analysts)**
- **Orientation of MIRA to Policy Makers**
- **Refresher Training of Joint Assessment Roster (JAR)**

## Operational Phase (After Disaster)

- **Strategic decision to trigger MIRA process**
- **Activation of Assessment Working Group and Joint Assessment Roster**
- **Data collection**
- **Secondary data review**
- **Data management, analysis and report writing**
- **Report dissemination**

# MIRA Process (Cont..)

## Post Assessment Phase

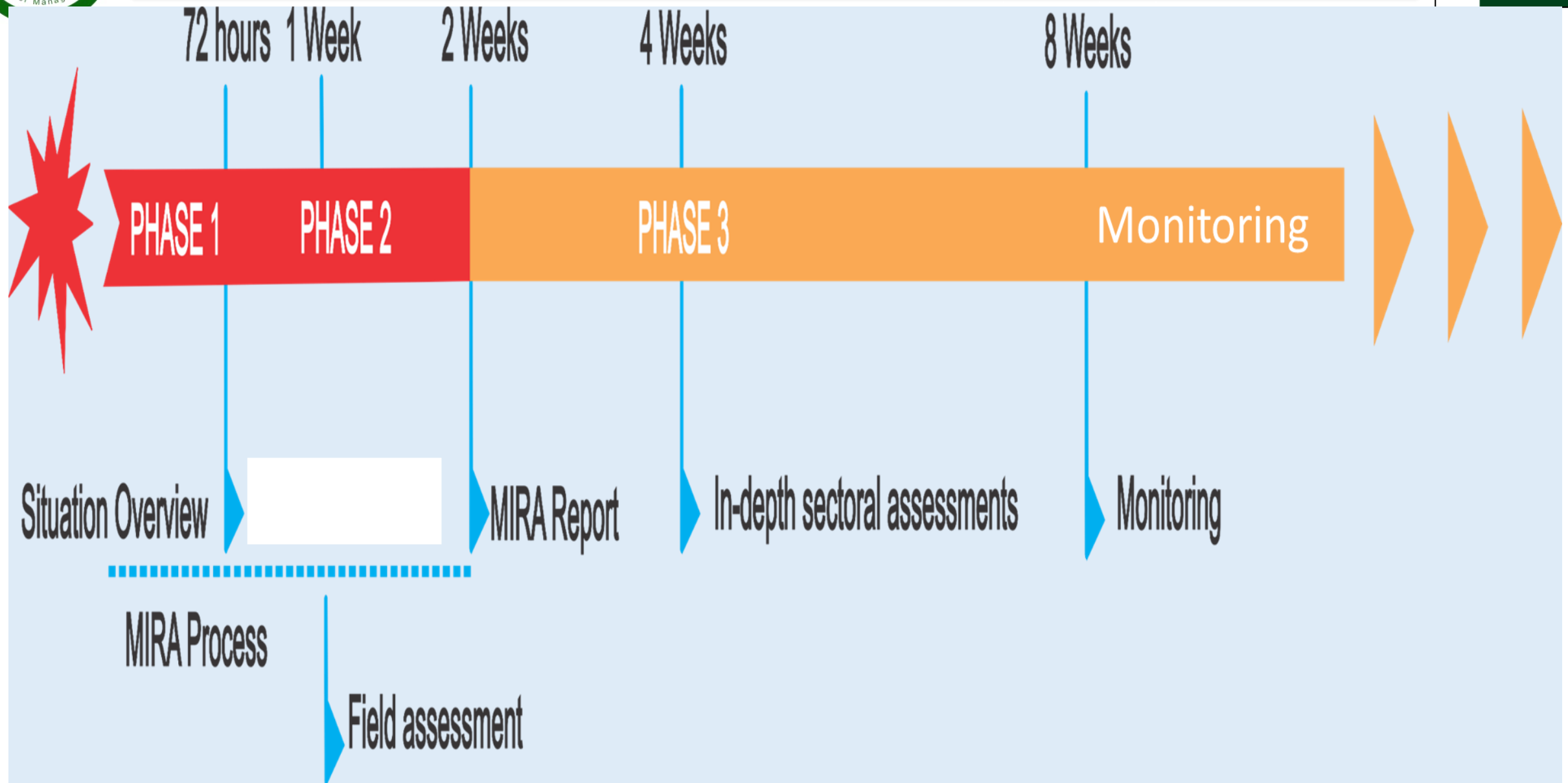
- **Lessons Learnt Exercises**
- **Revision and Improvement**

# Selection of Enumerators



- **3 Members Team from Government officials, NGOs & volunteers with one female**
- **Good understanding of affected area, local community, cultural constraints & social taboos**
- **Capable to conduct surveys, record data & transmit information**
- **MIRA training / screening test qualified**
- **Criterion be relaxed during extreme emergency or non-availability of trained enumerators**

# MIRA Process- Timeline



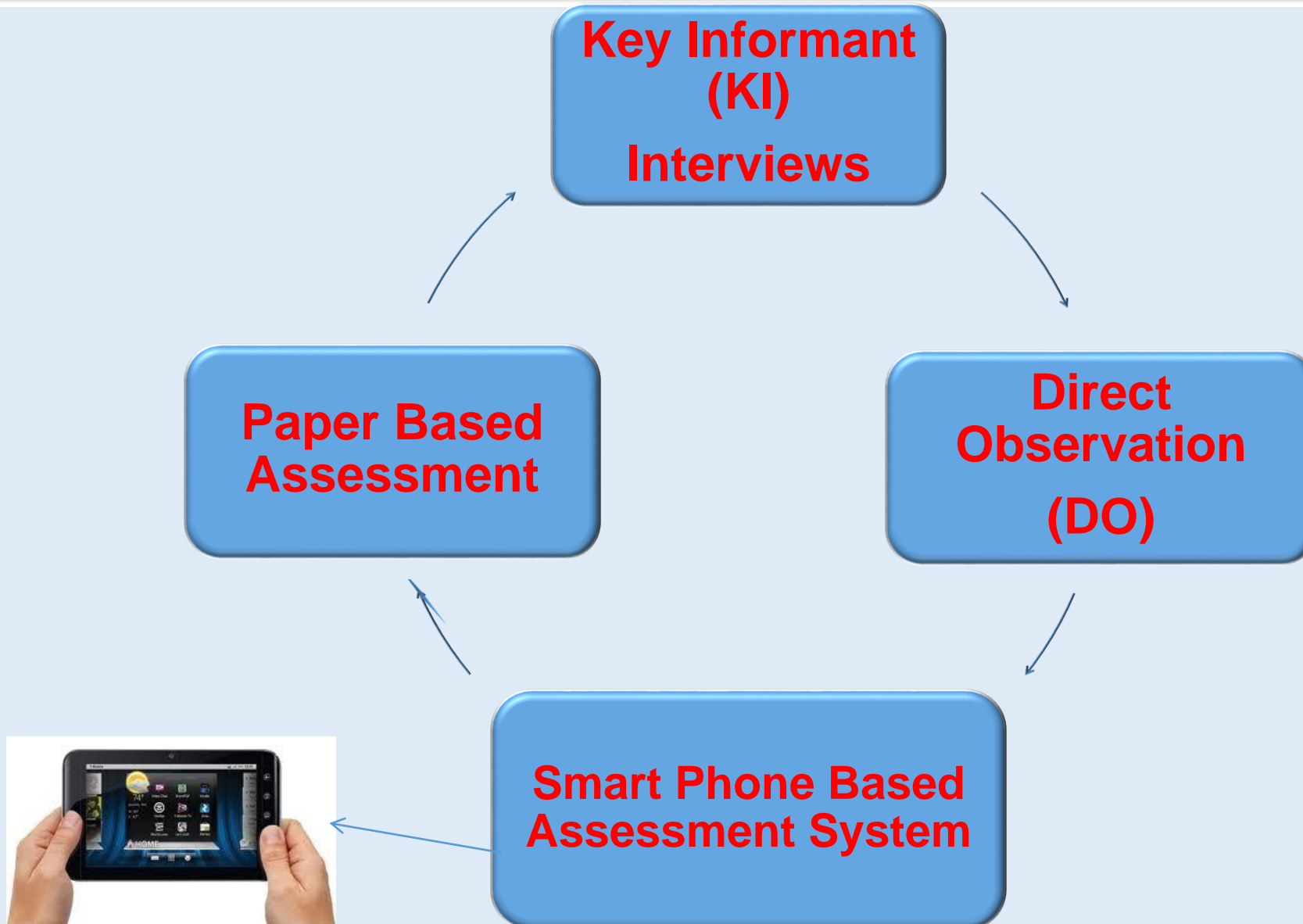
# Responsibility Matrix



Responsibility	Responsible Organization	Timeline (No of Days After Disaster)							
		1	2	3	4	5	6	7	8
Process Management	NDMA/PDMAS/AWG								
Secondary Data Review	NDMA/PDMAS/AWG								
Revision of Assessment Tool/ Methodology (If Required)	NDMA/PDMAS/AWG								
Administrative Arrangements	DDMAS/HUMANITARIAN PARTNERS								
Financial Arrangements	DDMAS/HUMANITARIAN PARTNERS								
Refresher Training	NDMA/PDMAS/AWG								
Field Work- Data Collection	JAR/DDMAS								
Monitoring and Supervision	NDMA/PDMAS/AWG								
Data Management	AWG/ATT								
Data Analysis and Report	AWG/ATT								
Dissemination of Report	NDMA/PDMAS/UNOCHA								
			Timeline			Expected Extension			
						26			



# Data Collection Techniques



# Progress



- **Training of Master Trainers (TOT) conducted at Islamabad in October 2017**
- **Two day's training of enumerators started in Dec 2017**
- **429 Govt. Officials & Reps. of NGOs have been trained as enumerators**
- **Priority was given to the 12 most vulnerable districts**
- **Database of trained enumerators is regularly updated by NDMA/UNOCHA**
- **Refresher training sessions for enumerators before start of an assessment**

# Progress

## District-wise Trained Enumerators

Districts	Training Schedule	No of Participants		
		Male	Female	Total
Muzaffargarh	26-27 Dec 2017	34	07	41
Swat	03-04 Jan 2018	29	19	48
Quetta	03-04 Jan 2018	25	07	32
Sukkur	08-12 Jan 2018	33	27	60
Rajanpur	09-10 Jan 2018	23	05	28
Tharparkar	22-23 Jan 2018	41	06	47
Karachi	25-26 Jan 2018	30	04	34
Muzaffarabad	31-31 Jan 2018	28	05	33
Multan	26-27 April 2018	40	06	46
Chitral	27-28 Sep 2018	26	10	36
Gwadar	21-22 Nov 2018	18	06	24
Nowshera	18-19 Dec 2018	17	11	28
Grand Total		<b>327</b>	<b>102</b>	<b>429</b>

# Drought assessment



- **MIRA frame-work is designed for rapid on-set disasters, a modified assessment mechanism was developed for current drought like situation in Sindh and Balochistan. 172 enumerators trained in December & January**
- **Detailed household level questionnaire along with Focus Group Discussion (FGD) tool were used for data collection**
- **Detailed socio-economic analysis was carried out to investigate the vulnerabilities and impacts of drought.**

# Way Forward

- **Third Phase - MIRA district trainings in remaining vulnerable districts is planned from March, 2019**
- **Interactive database management for Joint Assessment Roster**
- **Refresher training sessions for JAR members**
- **Innovative data collection methods (drone, aerial surveys, use of social media for data collection, crowd sourcing)**
- **NDMA already started formulation of Early Recovery Need Assessment Guidelines**

**Thank You**