

**Topic – Disaster Management**

**Presented by Lalit Das IPS  
Additional DG of Police  
and CMD Police Housing  
Corporation, Odisha**

# Contents

- Introduction
- Managing Cyclones – Sharing Experience
- Small but important Preparedness to save life and property
- Questions

# Introduction

- Natural Disasters
  - Cyclone, flood, earthquake, Tsunami
- Manmade Disasters
  - Fire, Accidents, Terrorist attacks, cyber attacks

# Experience Sharing

- Super Cyclone October 1999 – 10,000 casualties, SP of Jagatsinghpur District  
– ([https://www.nycop.com/Jun\\_00/Supercyclone/body\\_supercyclone.html](https://www.nycop.com/Jun_00/Supercyclone/body_supercyclone.html))
- Cyclone Philine 2013 – Zero casualty, Special Secretary in Govt.

# The Great Odisha Cyclone of 1999

INDIA

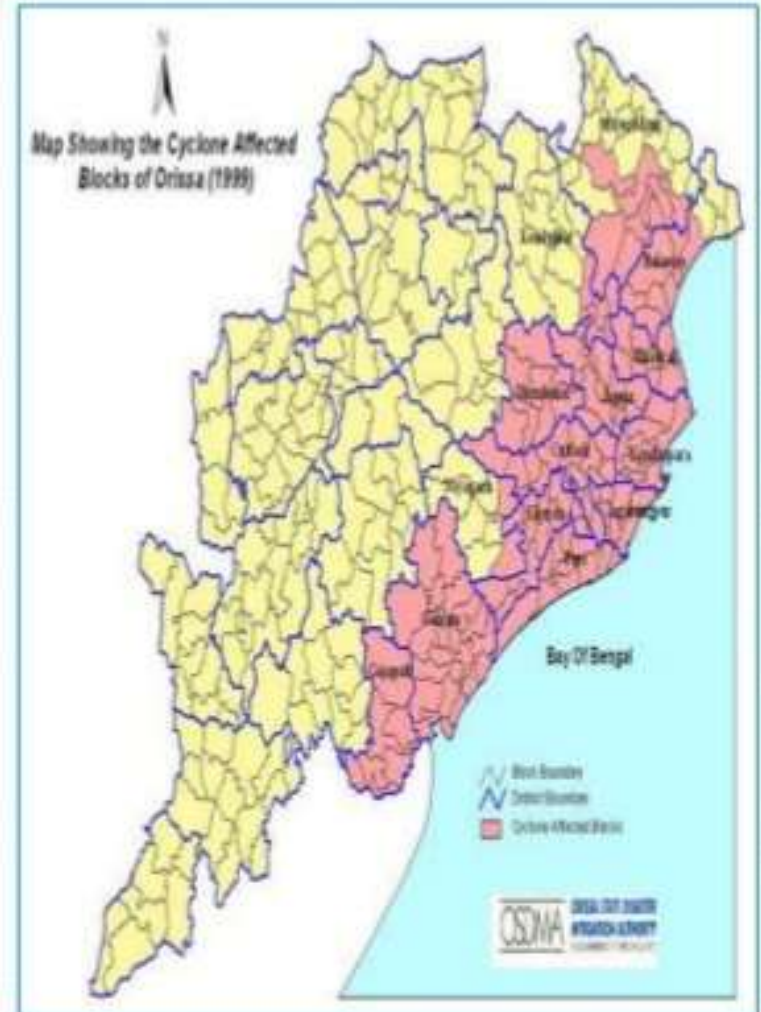
BANGLADESH

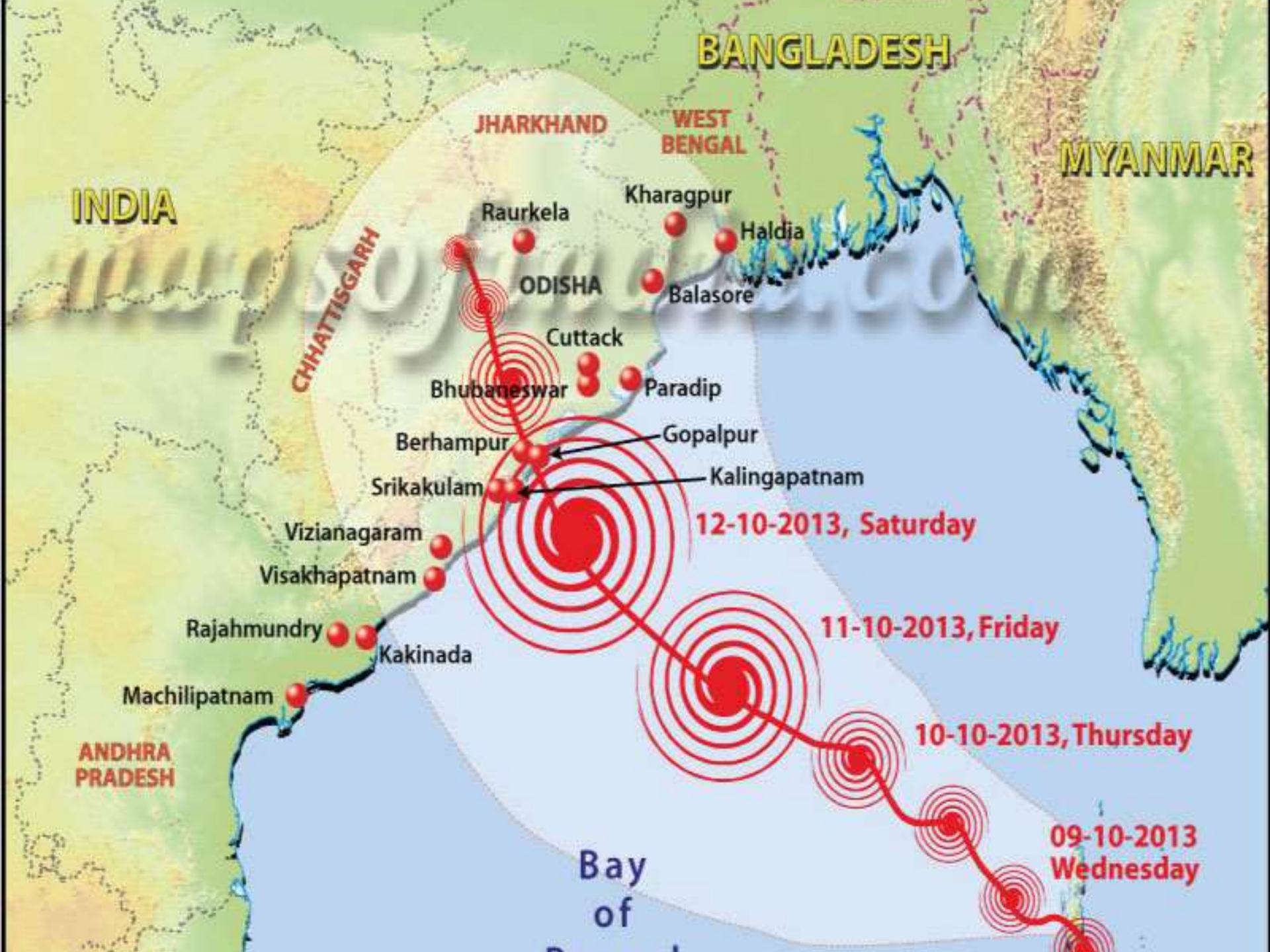
BURMA  
(MYANMAR)



# Orissa Super Cyclone 1999

- Human Lives Lost- 10086
- Persons injured - 12507
- Population Affected - 15.6 million
- Houses damaged or washed away - 1.8 million
- Crop area damaged - 1.8 million hectare
- Collapse of communication network
- Administration paralyzed in initial phase





**BANGLADESH**

**MYANMAR**

**INDIA**

**JHARKHAND**

**WEST BENGAL**

**CHHATTISGARH**

**ODISHA**

Raurkela

Kharagpur

Haldia

Balasore

Cuttack

Bhubaneswar

Paradip

Berhampur

Gopalpur

Srikakulam

Kalingapatnam

Vizianagaram

**12-10-2013, Saturday**

Visakhapatnam

**11-10-2013, Friday**

Rajahmundry

Kakinada

**10-10-2013, Thursday**

Machilipatnam

**ANDHRA PRADESH**

**09-10-2013  
Wednesday**

Bay of Bengal

# Cyclone 1999 vrs 2013

	Super Cyclone 1999	Cyclone Phailin 2013	
Deaths	10,000	21	Tidal wave, 200Kmh wind, heavy rain
Evacuation	Zero	10 lakh	Disaster Management Act 2005
First responder	None	ODRAF, Fire Stations	NDRF, Navy etc
Infrastructure	No Cyclone Shelters	Too many Cyclone shelters (300)	Pucca houses, better roads
Technology	Minimal technology	US Navsat, Whatsapp group	Precise information on landfall
Road Clearance	3-15 days	6-24 hrs	Mechanised cutters, Tower lights, etc
Help	AP Govt.	Odisha Govt. helped AP in Hudhud 2017	Role reversal





Well equipped Odisha Police ODRAF team, located throughout the State  
Odisha Disaster Rapid Action Force created in 2001



Odisha Fire Service and Disaster Management team is another first responders. All fire stations in all Blocks (314) are trained and equipped to attend during the Golden hours

# Small things – Tipping Point

- Participate in Rescue and Relief
  - personal safety first (protect one self)
  - Time of landfall – day or night
  - Tower lights – to work in the night
  - Accurate landfall prediction ( zero ambiguity)
  - putting right person and right machinery at right place
  - Mechanical rescue operation is the quickest
  - Chain saw cutters and JCB machines
  - Free hand in decision making, whatsApp group
  - Solar lights and solar pumps, inverters
  - Mobile phones, ATMs, DTH TV
  - More LPG connections, no riots for kerosene
  - Helicopters availability more now



Thank You

2110 UTC

EARLY

# What precautions' (inside)

- Check your vulnerability, SWOT analysis
- Capacity building and community participation,
- Resilience, climate centric policy planning
- Multi tasking – Security, Fire and Disaster Mngt.
- Worst case scenario, no electricity, no roads, no food, no cash, no police, no mobile, no medicine, no shelter
- Be ready for an unexpected calamity after the main calamity
- Lessons learnt (improvement)

# Not affected (Out side)

- Participate in Rescue and Relief
  - Response in Golden hour
- CSR activities
  - Adopt Villages, empower community

