



Society for Emergency Medicine, India



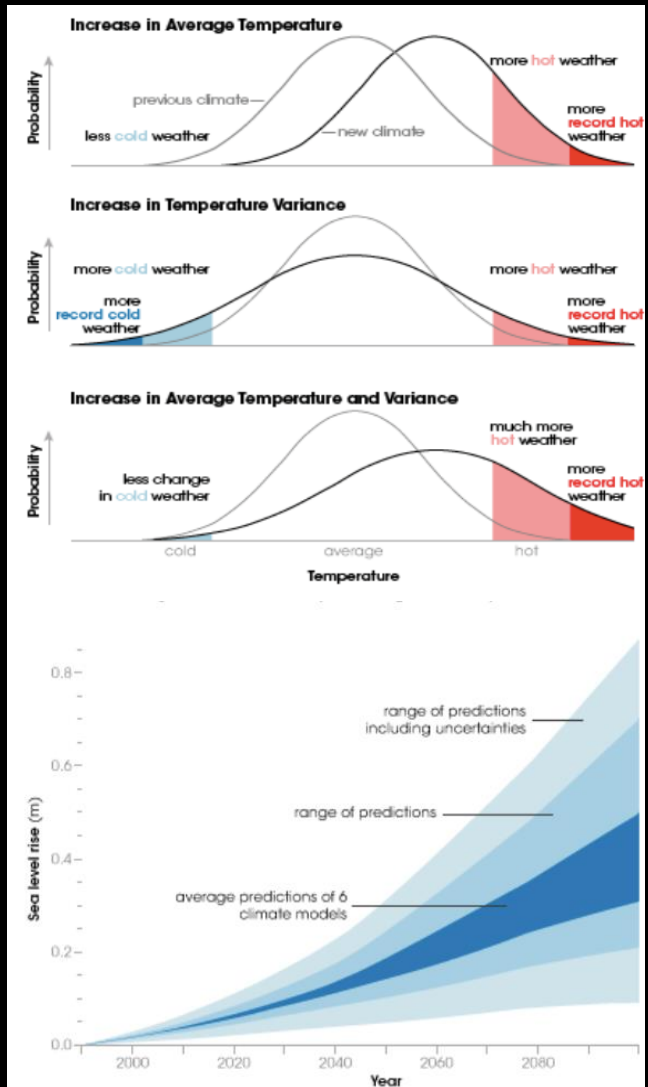
# Climate Change & Disaster

## Saravana Kumar MD

Joint Secretary - Society for Emergency Medicine, India  
Head – Emergency Dept & Deputy Head Clinical OPS – Dr Mehtas, Chennai

# Climate Change

# Climate Change & Disaster



2 ways

- Increase in weather and climate hazards
- Increase in vulnerability of communities to disasters

2100 ↑

# Impact on Health





DECEMBER 1-4,2015,Chennai,India













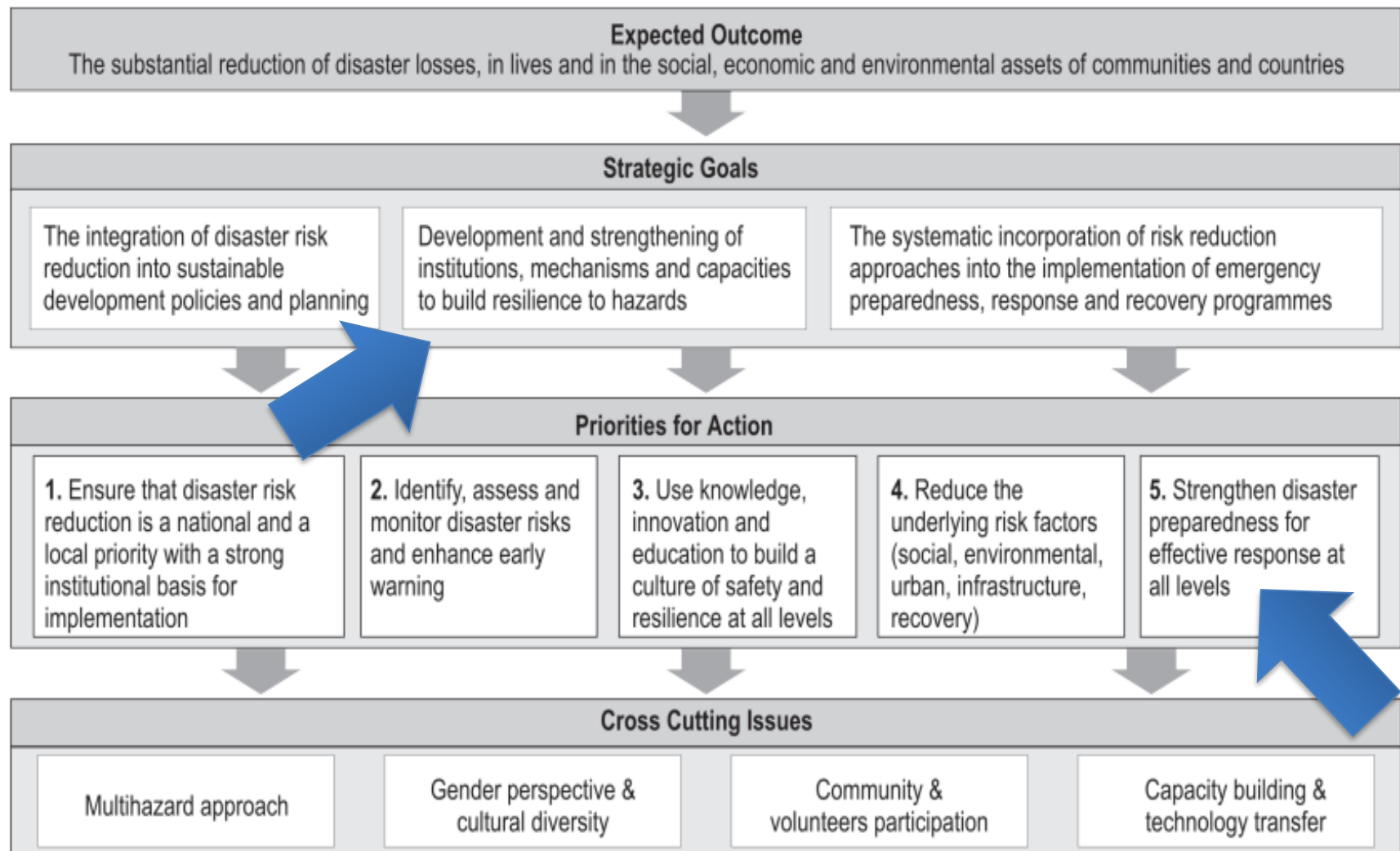












# Gathering resources and coordination relief



..... Airtel 10:36 AM  
< (9) Emergency Health Camps  
Adil, Dev Kanna Matketing, Dr, Dr, Dr



Medical camps for [Dec 10, 2015](#):

Confirmed camps:

Camp 1:  
By SRMC in multiple areas  
Thandalam, Mugalivakkam,  
Ramapuram, Vadapalani,  
Mangadu, Kattupakkam  
Contact Dr. Koushik -  
[9894678080](tel:9894678080) for further  
details

Camp 2:  
Valluvar kottam signal  
By mehta Hospital  
[No. 3 thangavel St](#), gokulam  
colony  
[11 am](#)  
Contact Dr. Saravana Kumar -  
[9486668575](tel:9486668575)

Valsaravakkam  
By NCC cadets  
No. 1, 5th cross St, SVS  
annexe  
100 people with food for 150  
people  
[11 am](#)  
Contact - Vamshi  
[9789932559](tel:9789932559)

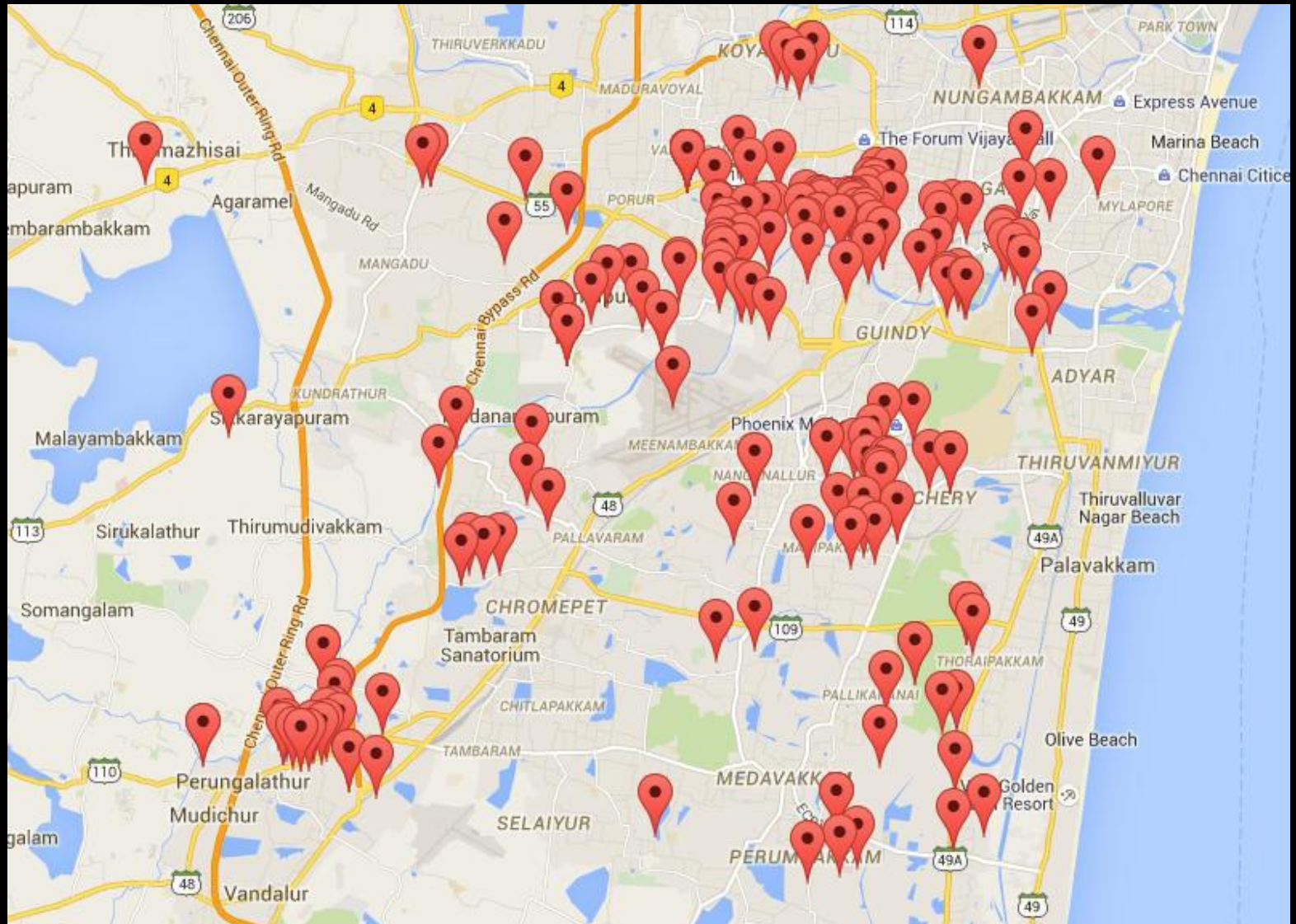
Camp 4:  
Kolathur  
By Canstop/ SMF  
500 people  
[10 am](#)  
Contact - Mr. Boobalan  
[9790844132](tel:9790844132)

Camp 5:  
Tondiarpet  
PSG IMSR & Hospitals with  
health minister





# Over 150 Camps within 7 days



# Flood - Hospital Learning

## Clinical

- Baseline Services e.g., ER, OPD, ICU, Radiology - especially availability of clinicians and critical staff
- Disruption of ambulance and transport services
- Contact for handling patient inflow from peer hospitals

## operational

- Availability of key resources e.g., power, oxygen, diesel, petrol, fresh water
- Plan for Re-location of service areas during emergencies (or close them down)
- Critical support staff availability
- Ensure cover for critical internal and outsourced support services e.g., IT, Lab, Pharmacy, Canteen
- Alternative Communication Protocol

## Infra and access

- Water Logging and Seepage, leakage inside Hospital
- Roadside Water and Sewage Back Flow
- Keeping Access Ways from major patients

# Flood - Hospital Learning

## Plan

- Emergency coordinators contact in each institute
- Emergency response plan that can be tailored and deployed
- Comprehensive list of suppliers of critical services
- Alternative Communication Protocol
- Contacts with NGOs and Volunteer Groups

## Best Practices

- Potential Backup Institutes in case of Facility Compromise
- Backup Supply Routes for Key Resources
- Share Key Resources during an Emergency (e.g., clinicians, drugs, diesel)
- Share Best Practices and Risks Rapidly

## External

- List of critical contacts within key corporation and emergency services e.g., army, corporation, water, fire
- Regular Communication with Media and Government during crisis
- Leverage other clinician associations e.g., IMA, IAP, SEMI
- Thank Friends post Crisis



# Summary

- Coordination & Management
- Planning, Training and Drills
- Information, Communication and Documentation
- Safety and Security
- Human Resources
- Logistics, Supply and Finance Management
- Continuity of Essential Support Services
- Surge Capacity for Medical Response

# Summary

- Post-Disaster Recovery
- Patient Handling
- Volunteer Involvement and Management
- Area Level Networking of Hospitals
- Coordination and Collaboration with Wider Disaster Preparedness Initiatives
- Hospital Disaster Management Plan

Thank You