

“Community Resilience”

Community matters – Surat case

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Surat- UHCRC

SURAT

- > 5 million population
- Fastest developing city
- Highest Migration city
- Economic capital of state
- On seashore and river
- 25 floods in last century
- Diamond and Textile hub
- Oldest Municipality
- Clean city
- Good governance city
- Urban Health University
- Inaugural 100RC, Resilient, sustainable city process

UHCRC

- First Knowledge hub of “Urban health and climate resilience “
- Governed - SCCT, executed - Health dept. SMC, supported - ACCCRN 3
- Multi disciplinary Team
- Research, Training, Documentation, Network activities
- Current focus- Disease& Climate surveillance, City vulnerability, Intra domestic environment and Vulnerability, Community participation
- Sustainability Goal – Centre of Excellence

“To fix social problems, we need to invest in human beings, not on tech magic.” (Kentaro Toyama,)

- came to India in 2004 to start Microsoft Research India,
- Transforming a developing country through digital solutions for social problems such as poor healthcare, education and poverty
- In 2010, he quit Microsoft to work on a thesis that became the book, *Rescuing Social Change from the Cult of Technology* Now a professor at University of Michigan,
- But his five-year stint convinced him of the importance of investing in people and institutions rather than sinking billions in tech fixes.

Source: Rema Nagarajan, TNN | Sep 20, 2015, 12.00 AM IST

Community inclusive Resilience Process

Learning

- Review of Literature
- Interviews , group discussions
- Secondary data analysis
- Integrated analysis
- Documentation
- Workshops

City Resilience study

- Ward- Zone -City
- MC of Gujarat
- Small city of South Gujarat

Facilitating

- 1) Surat Arogya samvad
- 2) Healthy Surat Working group
- 3) Climate Smart School Children
- 4) Surat Alliance for Urban Agriculture and Resilience
- 5) Child and woman friendly Surat city
- 6) Surat Urban Health and Development Consortium

Sustaining

- Identification of organisation
- Capacity building
- Hand holding
- Monitoring

Early Learning's of Surat city

- 1) City is vulnerable to climate change and disasters
- 2) City has learnt value of Resilience from shocks
- 3) One visionary determined leader can bring the change
- 4) Good governance, adequate funds, Enhanced Sanitation and Efficient Health service are important for city resilience
- 5) Spatial variations in Resilience status and approach is observed
- 6) Self motivated community participation in Relief and Rescue is noticeable during floods
- 7) Community determination for post flood economic resilience is not equally observed for physical and Health resilience

Early learning's of Surat city- Continue

8) City needs enhanced public health system

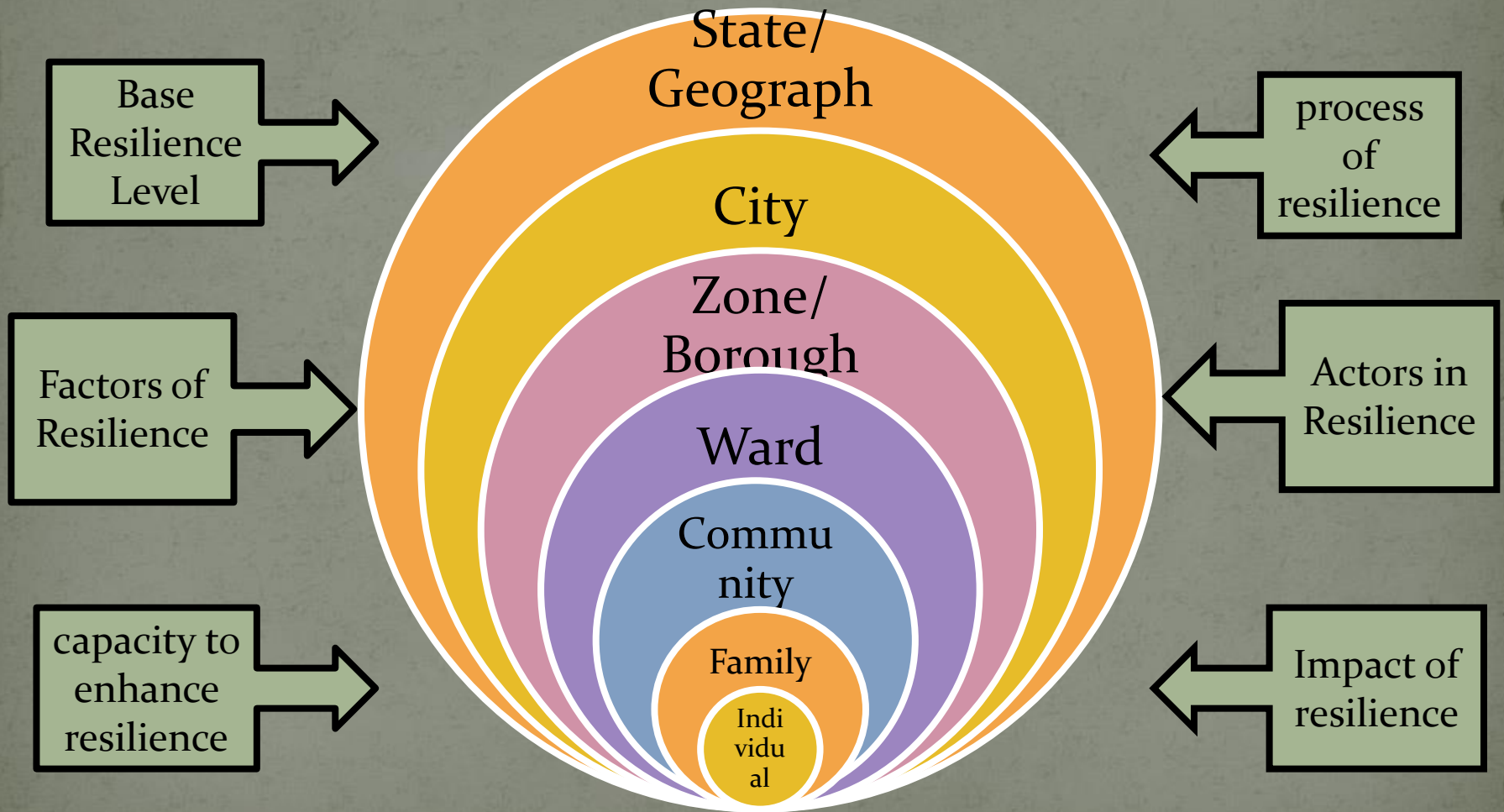
- ✿ Integrated urban planning
- ✿ Urban health system
- ✿ Disease surveillance
- ✿ Sanitation
- ✿ Participation of Academic institutions and Private practitioners
- ✿ Community education and Participation

9) Public health system need to be integrated, evidence based , vulnerability focussed, accessible and acceptable

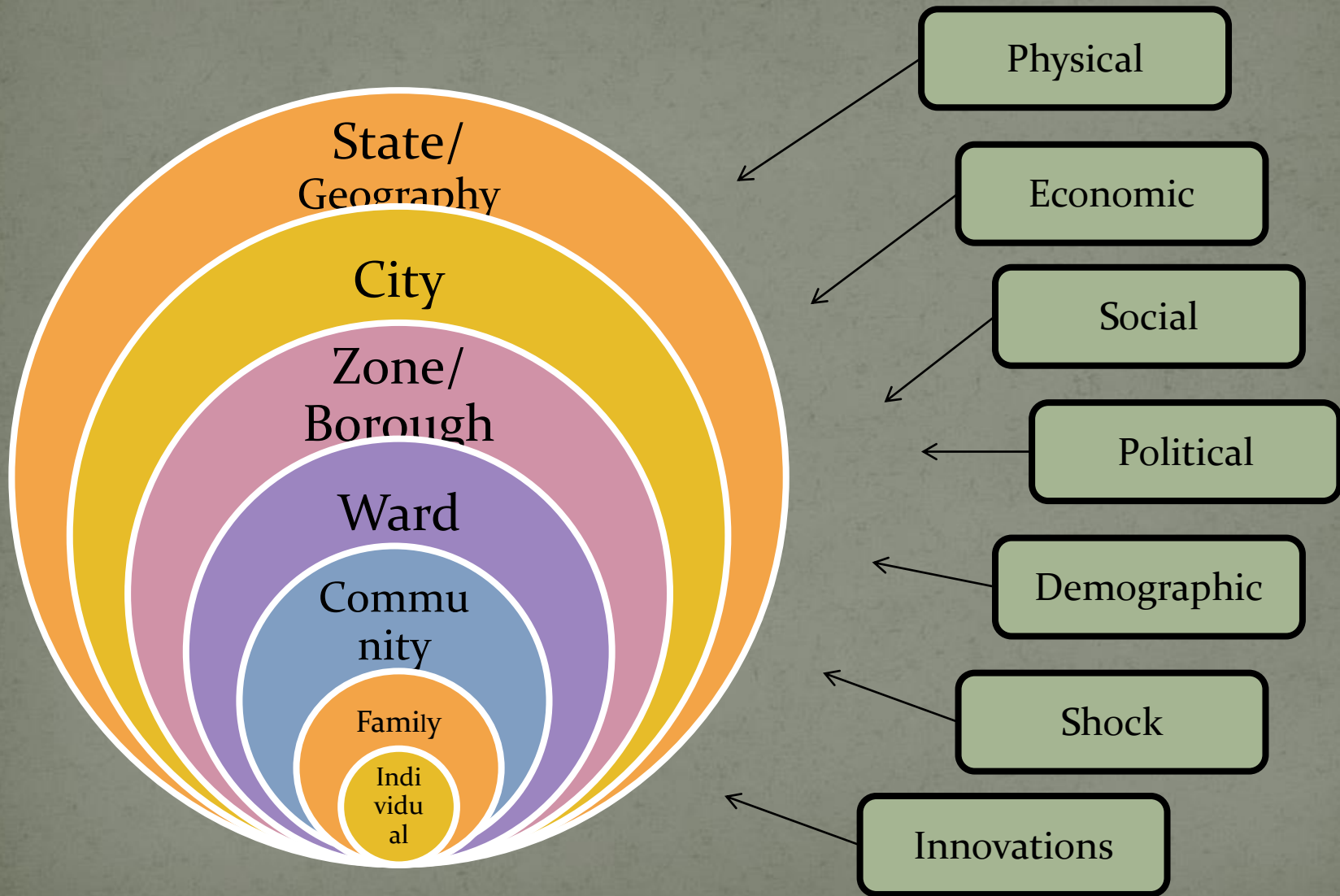
10) Disaster action plan should be inclusive of Public health

11) For sustained Urban health and Climate Resilience city needs a centre for “community education, skill building and hand holding”

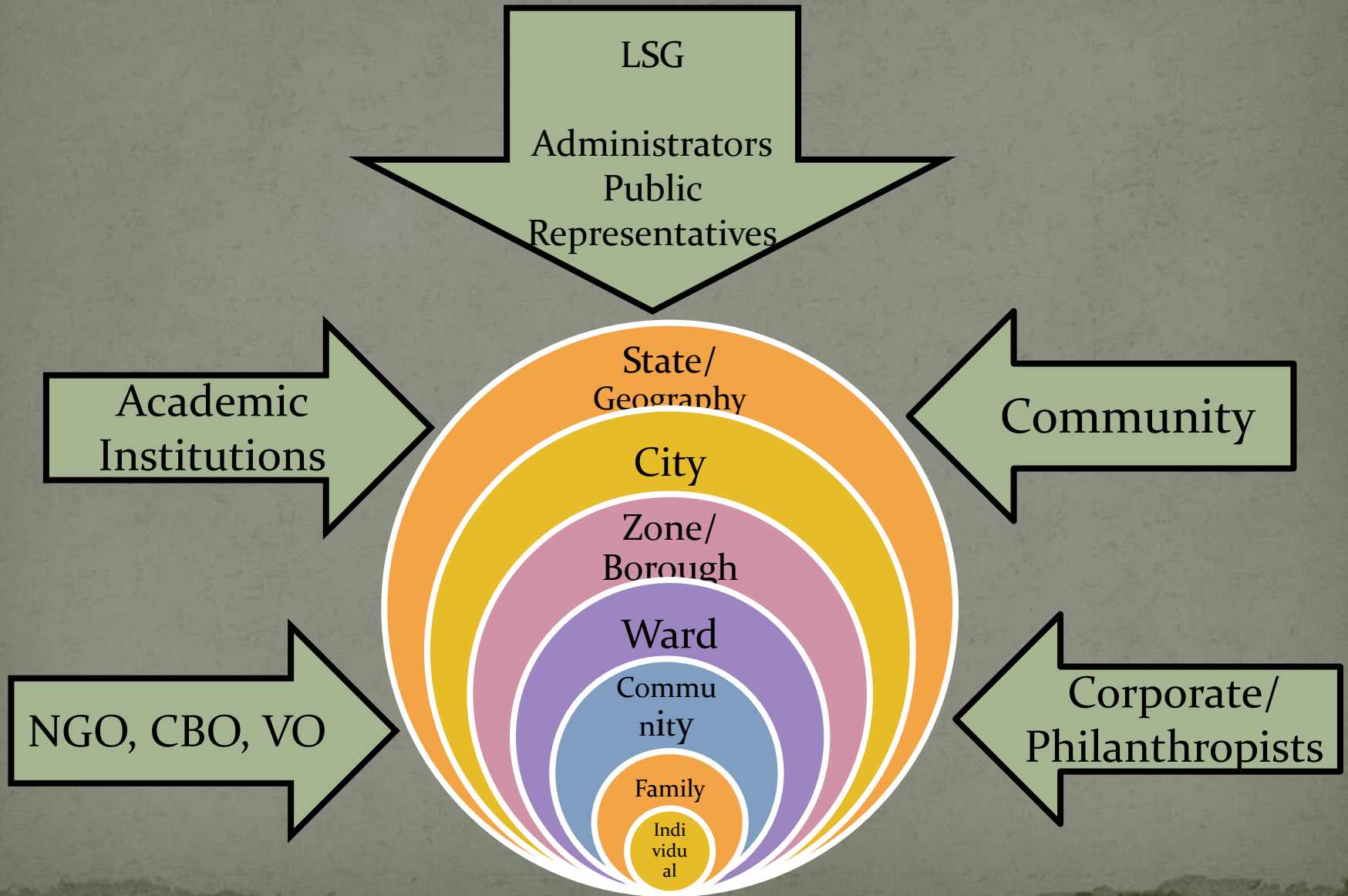
Resilience and Community are difficult to define and definition varies from time to time , place to place, situation to situation.



City Resilience- Factors



City resilience- Actors



Public Health Focussed City Resilience study

- Secondary data – Public health and climate
- Experience metrics of Urban Practitioners
- Influencers (variables) of Resilience (Impact)
- Network analysis of
 - Impact & Factor analysis
 - Factor & Factor
- Scaling and Ranking
 - Intercity
 - Intra city
 - Intra community

Community Health Resilience

- Climate change is a reality , though important , mitigation efforts seems difficult to bring in short term
- What is not good for community health is not good for climate
- Urban health system is a strong base of community health resilience
- Community is the answer to sustained health resilience
- Understanding, Educating, Encouraging , Involving community for participation is a key to community Health Resilience