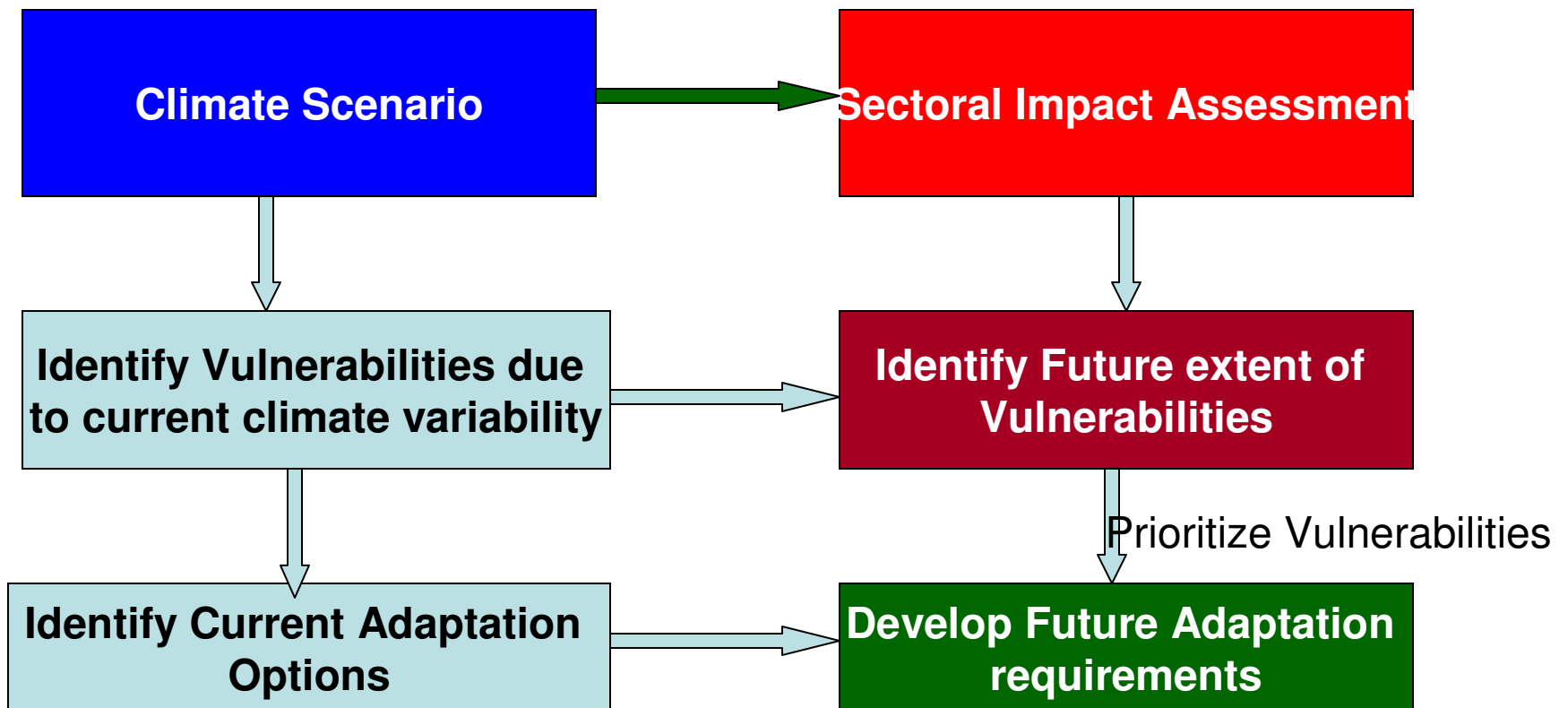


# Integrated Impacts, Vulnerability Assessments & Developing Adaptation Frameworks

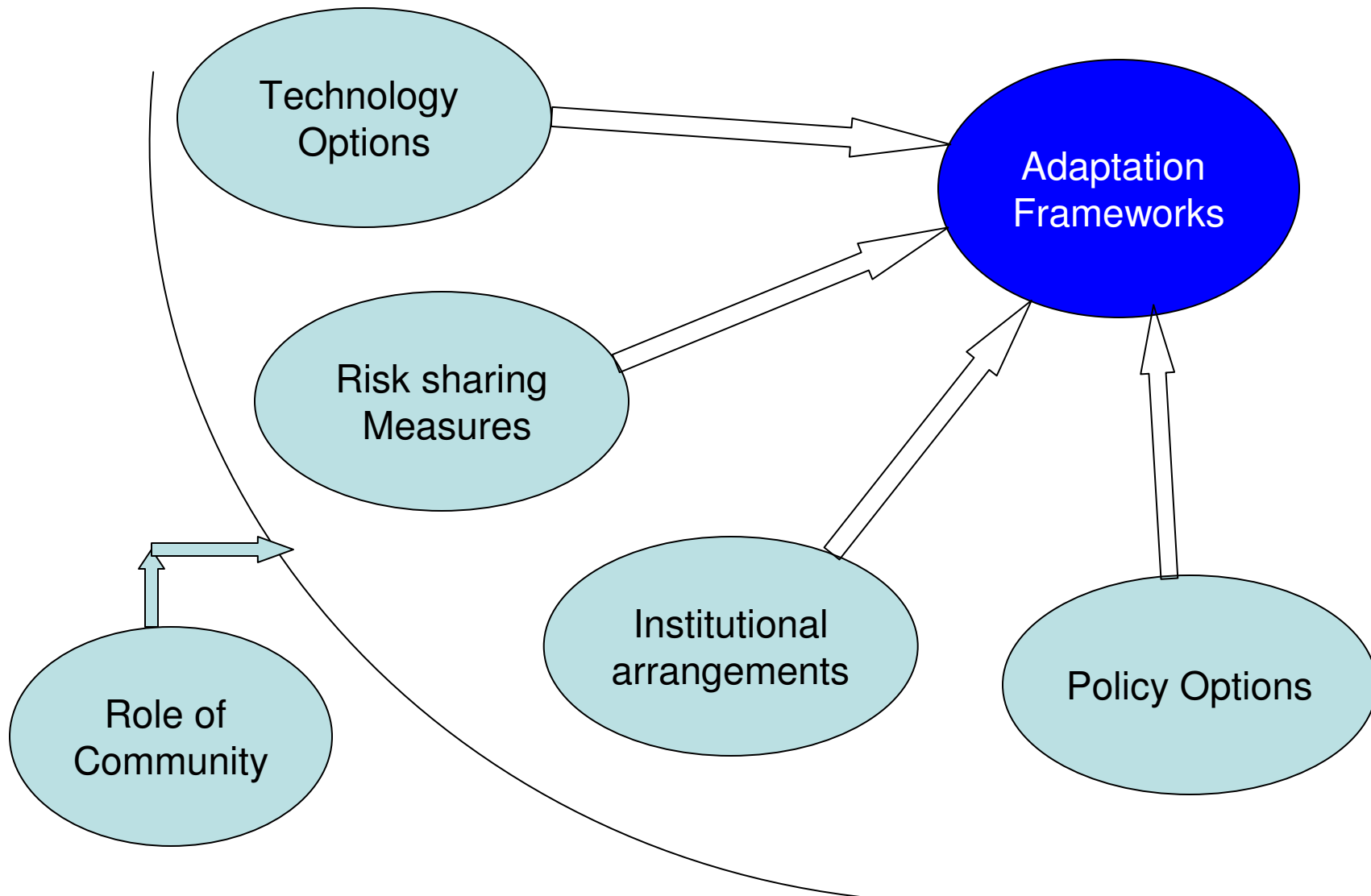
Sumana Bhattacharya  
NATCOM PMC

# Approach

- Targeting climate & biodiversity hotspots
- Case Study Approach



# Towards Developing Adaptation Frameworks



# Intregated Assessments

## **Water, Agriculture, Food Security, Livelihoods & Adaptation**

- Tamil Nadu Agricultural University, Coimbatore
- M.S. Swaminathan Research Foundation, Chennai
- Action for Food Production, Field Unit-III, Udaipur
- Indian Agriculture Research Institute, New Delhi

## **Water- Gender- Poverty**

- Indian Institute of Home Economics, New Delhi

## **Water- Human Health –Livelihoods- Adaptation**

- Jadavpur University, Kolkata, West Bengal

## **Forests-Forest products –Livelihoods**

- Indian Institute of Science
- The Energy Resources Institute
- Winrock International India

## **Natural Ecosystems & livelihoods**

- Integrated Research and Action for Development

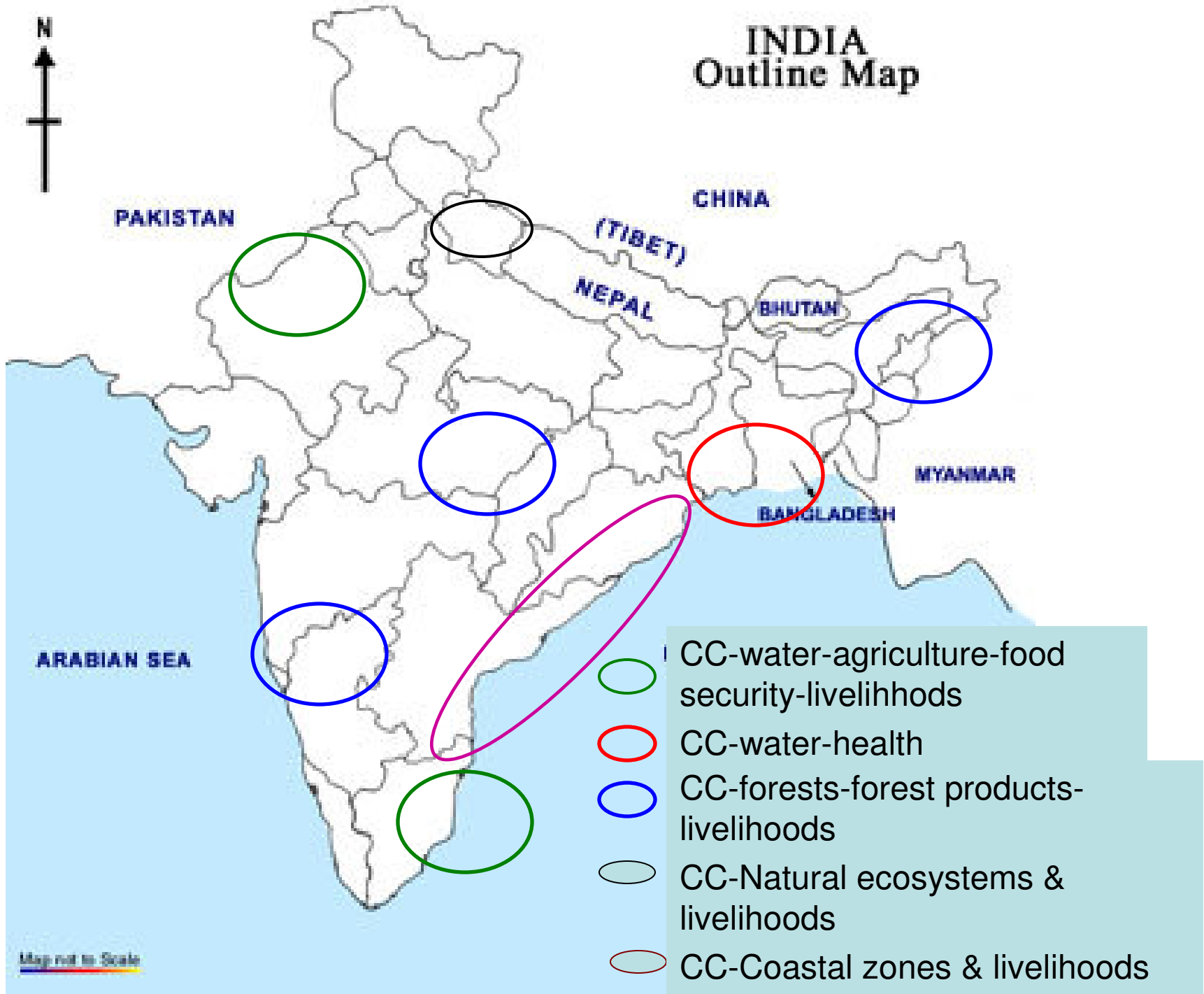
## **Sea level rise-extreme events-coastal zones & livelihoods**

- Indian Institute of Technology, Mumbai
- Indian Institute of Minerals and Metal Technology, Bhuvanesar

## **Energy Infrastructure & habitats**

- Indian Institute of Ahmedabad, Ahmedabad
- Maulanazad National Institute of Technology, Bhopal

# INDIA Outline Map



## Status of work

- Climate scenarios for the regions extracted
- Sectoral impact for the region known
- Vulnerabilities identified & prioritised as per the current climate variability
- Ground truthing for current scenarios of adaptation & policies have been carried out
- 50% of the institutions have interpreted the climate change scenarios and impacts
- Adaptation frameworks for prioritised vulnerabilities are being developed

