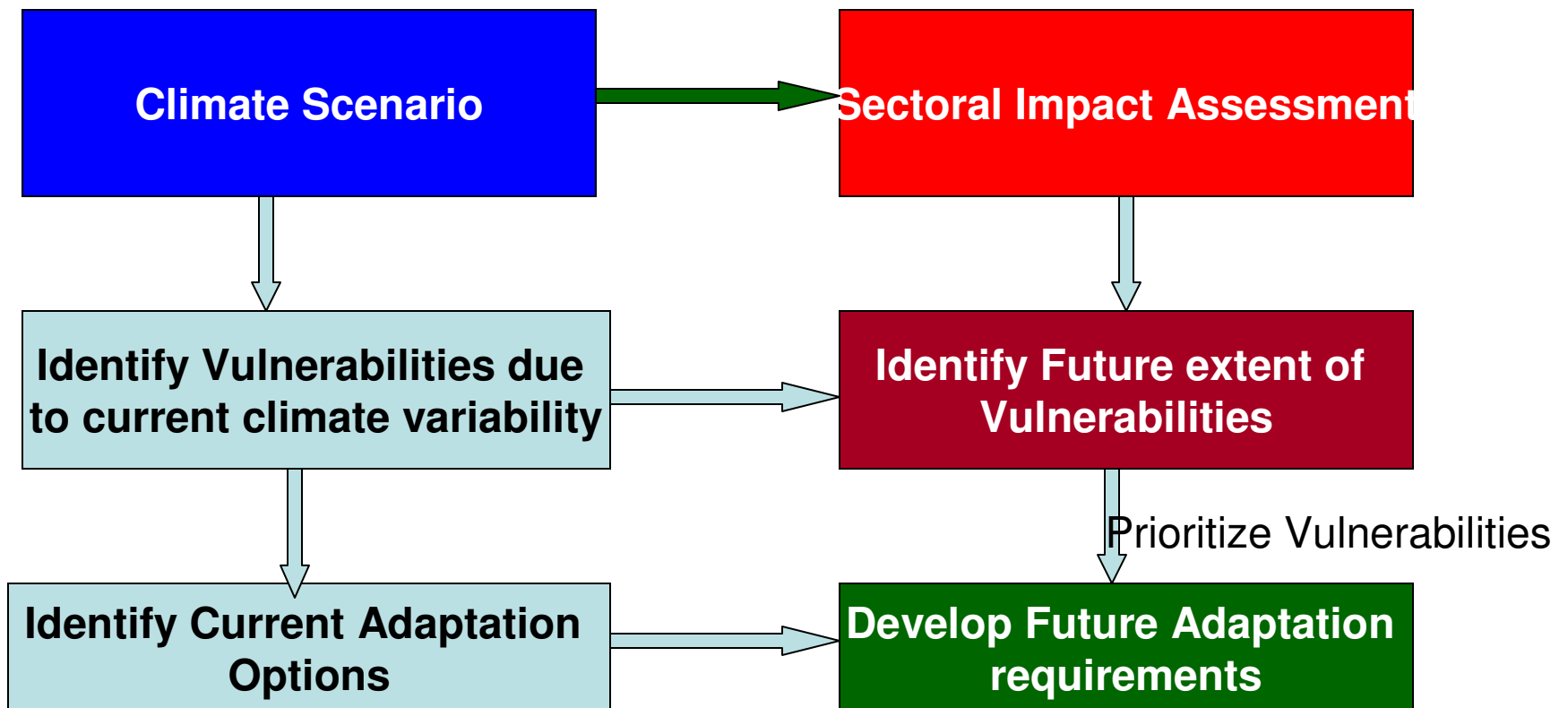


Integrated Impacts, Vulnerability Assessments & Developing Adaptation Frameworks

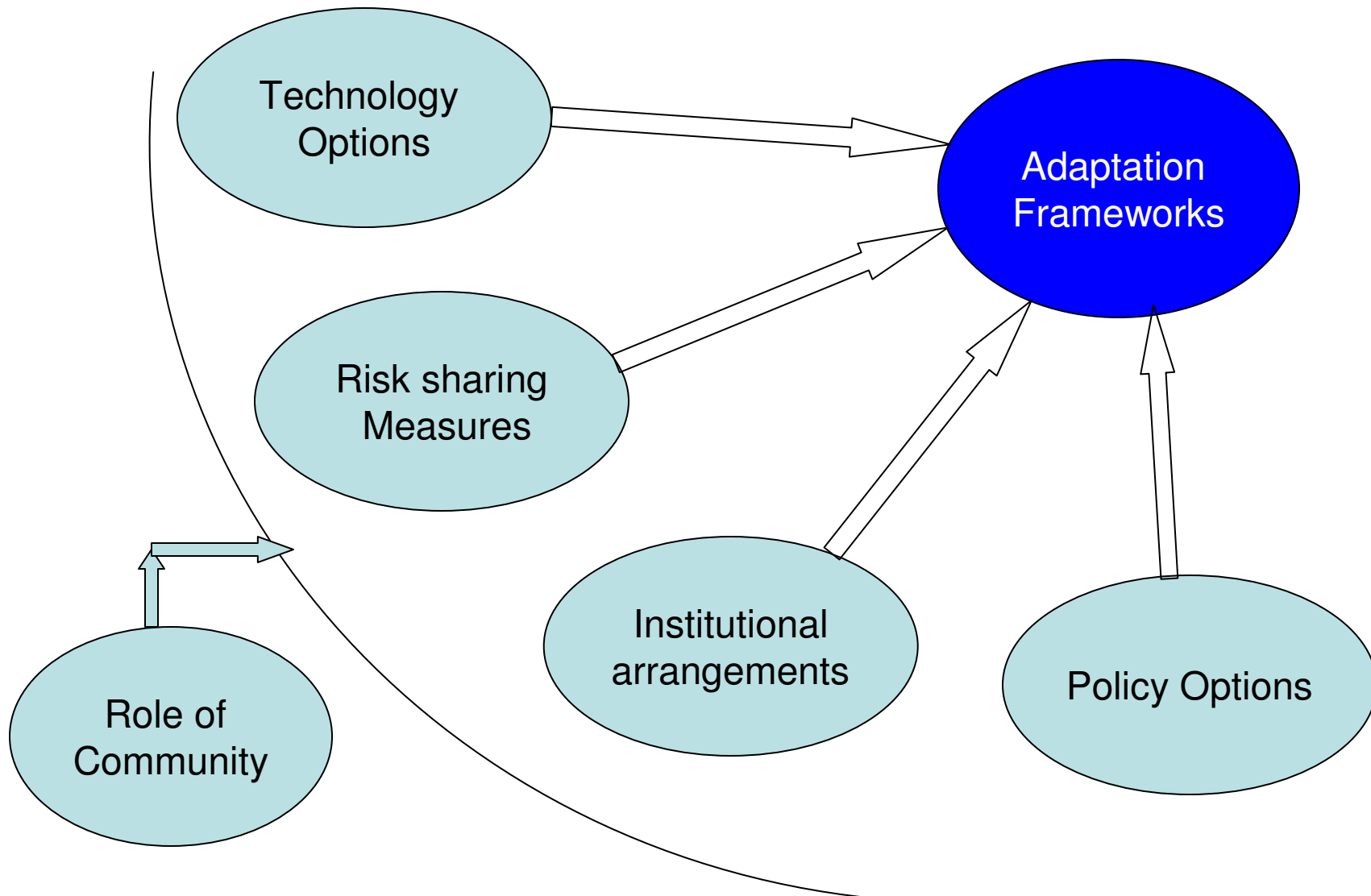
Sumana Bhattacharya
NATCOM PMC

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

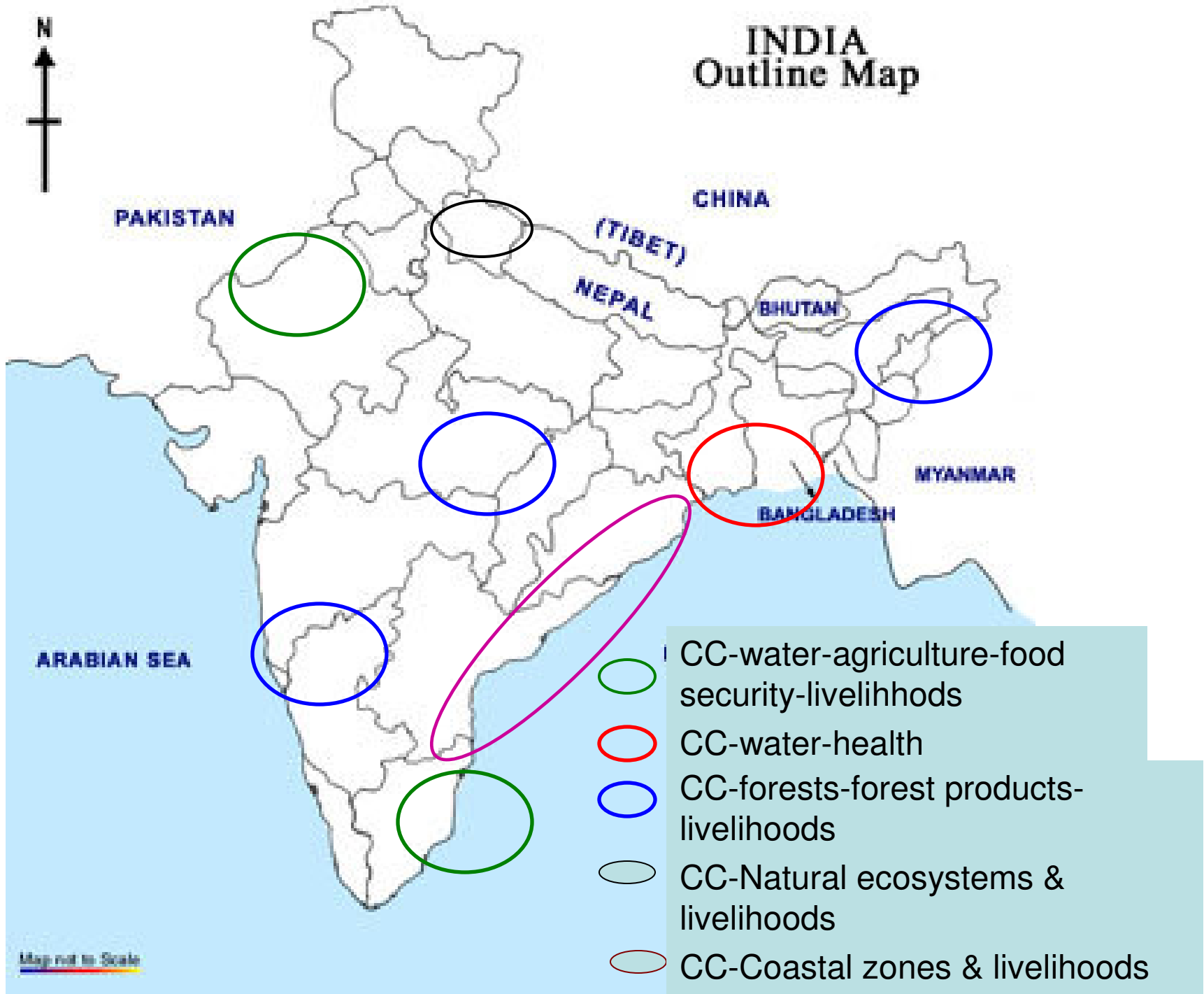
Sea level rise-extreme events-coastal zones & livelihoods

- 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

