

Workshop on Systems Thinking and Adaptive Governance: The Context of Urban Flooding and Water Stress in Bangalore

24-25 April 2014

**First floor conference room, TERI (The Energy and Resources Institute)
4th Main, 2nd Cross, Domlur 2nd Stage, Bangalore 560071**

AGENDA

Thursday, 24 April 2014		
Registration starts at 9.30 AM		
10 – 10.15 AM	Welcome remarks	Mr P R Dasgupta Director and Distinguished Fellow, TERI Southern Regional Centre
10.15 – 10.45 AM	Overview of workshop approach and goals	Mr Navarun Varma Research Associate, Earth Science and Climate Change Division, TERI
10.45 – 11.15 AM	Urban flooding, water stress, and lake ecology: challenges and responses for Bangalore city	Dr Ritu Kakkar Director-General, Environmental Management and Policy Research Institute (EMPRI)
11.15 - 11.30 AM	<i>Tea / Coffee</i>	
11.30 AM – 12 PM	Water stress, systems thinking and adaptive governance in an urbanizing basin: focus on Bangalore	Dr Veena Srinivasan Fellow, Centre for Environment and Development, Ashoka Trust for Research on Ecology and the Environment (ATREE)
12 – 12.30 PM	Urbanization and peri-urban water insecurity	Prof. Vishal Narain Associate Professor, Public Policy and Governance, Management Development Institute (MDI), Gurgaon
12.30 – 1 PM	Challenges of urban services and governance in Bangalore	Dr Kala Sridhar Head, Public Policy Research Group, Public Affairs Centre (PAC)
1 – 2 PM	<i>Lunch</i>	
2 – 4 PM	Group activity: Discuss preliminary models, develop them further, and identify possible interventions	Facilitated by Navarun Varma, Saurabh Bhardwaj, and Prasoon Singh, TERI
4 – 5 PM	Plenary: Groups present interventions to each other	Facilitated by Navarun Varma, Saurabh Bhardwaj, and Prasoon Singh, TERI

Friday, 25 April 2014		
10 – 10.15 AM	Trends in land use change for Bangalore	Mr Prasoon Singh Research Associate, Earth Science and Climate Change Division, TERI
10.15 – 10.30 AM	Climate change and associated uncertainty	Mr Saurabh Bhardwaj Associate Fellow, Earth Science and Climate Change Division, TERI
10.30 – 11 AM	Minimizing urban heat island effect and imperviousness factor in Bangalore	Mr D Kiran Kumar Research Associate, Sustainable Habitat Division, TERI
11 – 11.30 AM	<i>Tea / Coffee</i>	
11.30 AM – 12 PM	Urban flooding in Mumbai, Manila and Bangkok	Dr Archana Patankar Senior Research Fellow, Regional Centre for Urban and Environmental Studies, All India Institute of Local Self Government
12 – 12.30 PM	Assessing headwater streams and flooding in the urban watershed of Bangalore using geospatial analysis and agent-based models	Dr H S Sudhira Gubbi Labs
12.30 – 1 PM	Systems thinking and adaptive governance concepts in the context of issues discussed in the workshop	Prof. S Ravi Rajan Asia Research Institute, National University of Singapore and University of California, Santa Cruz
1 – 2 PM	<i>Lunch</i>	
2 – 3.30 PM	Group activity: Consider modifying models and interventions	Facilitated by Navarun Varma, Saurabh Bhardwaj, and Prasoon Singh, TERI
3.30 – 4.15 PM	Plenary: Groups present models, solutions, and rationale	Facilitated by Navarun Varma, Saurabh Bhardwaj, and Prasoon Singh, TERI
4.15 – 5 PM	Operationalizing techniques and principles learnt in the workshop and ways to sustain network	Comments by Prof. Ravi Rajan Discussion with participants
5 – 5.05 PM	Vote of thanks	Navarun Varma, TERI