



Talk: The Bangalore Urban Mapping Project

Speaker:

Deepak Malghan, Centre for Public Policy, IIM Bangalore and Vishal Mehta, Stockholm Environment Institute

Date / Time:

October 15, 2012 - 4:00pm - 5:30pm

Venue:

Room No 206, Pixel B, APU

Abstract:

The Bangalore Urban Mapping Project (BUMP) is a joint initiative of the [Stockholm Environment Institute](#) (SEI) and the [Centre for Public Policy](#) at the Indian Institute of Management, Bangalore (IIM-B). The project approaches sustainability in urban India, through the metabolism framework: treating cities as living entities that require energy, water and materials for maintenance and growth, generating waste in the process. In this talk, principal investigators [Dr. Deepak Malghan](#) (IIM) and [Dr. Vishal K. Mehta](#) (SEI) will present the first phase of BUMP, focusing on Bangalore water use. They will present analyses including population growth and state of piped water supply, use of coupled social-hydrological models, preliminary urban mapping and online participatory resource models (<http://www.seimapping.org/bump/water.php#>), and details of a city-wide water consumption survey that is currently being conducted.

A Note on the Speaker:

Deepak Malghan is an ecological economist with primary interest in theoretical models of the economy-ecosystem interaction problem. He is currently working on a multi-year project that aims to reformulate ecological economics from a "scale" perspective. Scale measures the physical size of the economy relative to the ecosystem that contains and sustains it. His empirical research interests include social metabolism and ecological distribution.

Dr. Malghan's research is highly interdisciplinary and routinely uses technical tools from economics, chemical engineering, and ecology. Deepak is an assistant professor at the Indian Institute of Management Bangalore. He holds a Ph.D. in ecological economics from the University of Maryland and an MPA from Princeton University.

Vishal Mehta is a hydrologist and environmental scientist with experience in water resources, forest conservation and rural development. With SEI's US Center in Davis, he is currently

working on the impacts of climate change on California's water supply, urban water management planning with utilities in the US, India and East Africa, and innovative informational technology tools for communicating complex information. His expertise includes forest ecosystem sciences, distributed hydrological modeling, and geospatial analysis using several open-source and commercial geographic information systems. His main interests are in environment and development policy planning and assessment, with a focus on developing countries. Vishal received his Ph.D. in Soil, Crop and Atmospheric Sciences from Cornell University, Ithaca in 2007.