URBAN FLOODING VULNERABILITY & RESILIENCE LESSONS FROM SOUTH ASIA

BY: DR. SUSMITA DASGUPTA
LEAD ENVIRONMENTAL ECONOMIST, WORLD BANK

The talk will be chaired by
PROF. E.F.N. RIBEIRO,
EX. CHIEF PLANNER - GOVT. OF INDIA,
FORMER DIRECTOR SCHOOL OF PLANNING & ARCHITECTURE, NEW DELHI

& Introduction by
PROF. P.K. SUDARsan,
HEAD, DEPARTMENT OF ECONOMICS, GOA UNIVERSITY

DESCRIPTION OF PROPOSED TALK

The climatic outlook for South Asia in the 21st century signals heavier and more erratic rainfall during the monsoon season, according to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change and the World Meteorological Organization. Thus, climate change will impact cities in coastal areas and flood plains. Dr. Dasgupta will present her much talked about work on the city of Dhaka which is routinely devastated by floods. Her work provides a roadmap for strengthening urban climate - disaster resilience and adaptive capacity of South Asian cities. She argues that climate - smart policies require local planners to better understand the likely damage from current flooding, potential damage from climate - related risks, and measures that can be taken to cope with current and future flooding and adaptation costs. In this presentation, Susmita Dasgupta will discuss the outcomes of a multidisciplinary research conducted by a team of hydrologists, economists and regional planners for building local resilience to flood - disaster risk. The research assesses Dhaka's preparedness for urban flood emergencies, estimates probable damage from extreme rainfall events by 2050 with and without climate change, develops structural adaptation measures to cope with current and future flooding, evaluates the reduction in economic damage resulting from implementing these measures, and estimates adaptation costs. These provide important lessons for urban planners and economists who seek answers in critical knowledge gap across urbanized estimates of the incremental costs of infrastructure adaptation.

DATE: 7TH DECEMBER 2018
TIME: 2:30 PM TILL 4:00 PM
VENUE: CONFERENCE HALL, ADMIN BLOCK,
GOA UNIVERSITY, TALEIGAO PLATEAU, GOA
ALL ARE CORDIALLY INVITED (OPEN TO PUBLIC)