



Centre for Disaster Management & Research (CDMR), IIT Guwahati



Disaster Risk Reduction Lecture Series ||

Join our Next **TALK** on

" Bio-Engineering for Mitigating River Bank Erosion"

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Dr. Arup Kumar Sarma

Prof. A. K. Sarma, Senior Professor and former Head of Civil Engineering Department, IIT Guwahati, and Visiting Professor of Asian Institute of Technology, Thailand, was honoured with the prestigious B.P.Chaliha Chair Professor Position (2009-1018). Prof. Sarma is also serving as Associate Faculty in the "Centre for Environment", "Centre for Disaster Management and Research (CDMR)" and "Centre for Sustainable Water Research (CSWR)" at IIT Guwahati. Dr. Sarma is the person behind the development of the indigenous river modelling software BRAHMA (braided River Aid: Hydro-Morphological Analyzer) and has dedicated himself towards nature-based solution to flood and erosion problem. Ecological Management Practices (EMPs) for controlling catchment erosion, MCGPS bioengineering method for river erosion control, and SARMA (Sustainable Approach of Rainwater Management and Application) method are some of his field-implemented Nature-Based technologies. The NPTEL video course on Hydraulic Engineering developed by Prof. Sarma received wide appreciation and entered top 5 most visited courses. Prof. Sarma served as Member of Advisory Committee of NDMA, Member of Indian National Committee for Climate Change (INCCC), Member of National Coordination Committee and Technical Advisory Committee of National Institute of Hydrology (NIH), and Expert committee member of High-Level Committee (HLC) of NITI Aayog constituted for Proper Management of Water Resources of NER among other. Dr. Sarma, as an Approved Lyricist of All India Radio, has also devoted himself to the promotion of scientific temperament in the society through music and drama.

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Venue | CDMR Seminar Room

SAVE THE DATE

**TUESDAY | 22nd | 4:00 PM
AUGUST | (IST)**

Organiser: CDMR Student Team



www.iitg.ac.in/cdmr

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