

# Climate and Disaster Risk Informed Transport Planning - Roads and Waterways

**Er. Indranil Bose, Transport Expert - World Bank**

**Friday, October 13, 2023 10:00 am - 11:00 am (IST)**

Join using the meeting link given below

<https://tinyurl.com/TransTechTalk9>



### ABOUT THE TALK :

Transportation sector plays a vital role in social and economic development. It also facilitates in responding to natural hazards, although disasters such as flooding, landslides and cyclonic storms affect transport more than any other infrastructure sector, with damages from natural hazards accounting for a large percentage of total infrastructure damage costs. Thus, it is important to embed climate and disaster resilient approaches to transport infrastructure planning and maintenance management. The approach to planning requires the assessment of the historical climate risk and vulnerability of transport assets, projected climate scenarios, overall condition and health of the assets, weak transport links, strategic importance and community served. This needs a well-coordinated policy, institutional, financing, engineering, operation & maintenance and emergency management protocols mainstreamed in Government Departments. This talk will illustrate the above concepts, in the climate change scenario, with help of few examples from roads and waterways sector, both of which are critical for a State like Kerala.

### ABOUT THE SPEAKER :

Mr. Indranil Bose is a Civil Engineer from Institute of Engineering Science and Technology, Shibpur, West Bengal and done his MBA (Finance) from Indian Institute of Management, Calcutta. He has more than 24 years of professional experience in Transport Management & Engineering Advisory. He currently works as an Independent Transport Expert advising multilateral development banks (MDB) and consulting firms. He has worked extensively in roads (expressways, highways, provincial and rural roads), inland waterways, non-motorized transport, ropeways, logistics, urban transport infrastructure and systems including public bus transport, organizational restructuring, transit-oriented development (TOD) concepts for regional corridors, and planning and implementing EV projects. In his current engagements since 2017, with the likes of The World Bank, ADB and other development partners, he has been significantly focusing on achieving climate adaptation & mitigation mainstreaming in the transportation sector.