

**DEPARTMENT OF ECONOMICS,
PRESIDENCY UNIVERSITY, KOLKATA
INVITES YOU TO A WEBINAR**

**Climate Change:
A Major Threat to Sustainable Development-
Case of Ganges Brahmaputra Delta in South Asia**

**DATE: 13 AUGUST 2025
TIME: 7:30 PM TO 9:00PM (IST)**



**SUSMITA DASGUPTA
LEAD ENVIRONMENTAL
ECONOMIST
THE WORLD BANK.**

**TALK DURATION: 1 HOUR 15 MINUTES
Q&A SESSION: 15 MINUTES**

ALL ARE WELCOME!



Climate Change: A Major Threat to Sustainable Development— Case of Ganges Brahmaputra Delta in South Asia

ABOUT THE TALK

Sustainable development is essential for ending poverty and ensuring shared prosperity on a livable planet. However, climate change threatens its three core pillars:

- **Economic Growth:** Damages infrastructure, reduces natural capital and productivity, and weakens investor confidence.
- **Social Equity:** Disproportionately affects vulnerable populations, worsening inequalities and injustices.
- **Environmental Protection:** Degrades ecosystems and natural resources, undermining conservation efforts.

This seminar will examine how climate change—particularly sea-level rise—threatens sustainable development in countries where populations, assets, and economic activities are concentrated in low-lying coastal areas. The presenter will share findings from three highly vulnerable regions: the Nile Delta, Mekong Delta, and Ganges-Brahmaputra Delta.

She will also outline key adaptation strategies, including hard protection measures such as seawalls, embankments, and dune management, as well as accommodation strategies tailored to each country's context. The discussion will draw on both interdisciplinary global research and country-specific studies conducted by the World Bank.

The seminar will conclude with key questions to guide future research.



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S P E A K E R

SUSMITA DASGUPTA is a Lead Environmental Economist in the Development Research Group at the World Bank. With over 33 years of experience, her research focuses on environmental management in developing countries. She has conducted extensive analyses on pollution-related health hazards, the poverty-environment nexus, pollution control priorities, deforestation, biodiversity loss, climate change impacts, adaptation strategies, satellite-based climate monitoring, cost-effective regulations, and regulatory enforcement. Her research spans multiple countries, including Bangladesh, Brazil, Cambodia, China, Colombia, Cuba, India, Iran, Lao PDR, Madagascar, Mexico, Tanzania, Tunisia, Vietnam, and Yemen. She has published widely on environmental and development issues. Before joining the World Bank in 1992, she taught at the American University and the State University of New York at Albany. She holds a Ph.D. and M.S. in Economics from the State University of New York at Albany (USA), an M.Sc. from the University of Calcutta (India), and a B.Sc. from Presidency College (India).

