



URBAN CLIMATE  
CHANGE RESILIENCE  
TRUST FUND  
Asian Development Bank

Nature and Climate Nexus:  
Promoting Nature-based Solutions (NbS)  
for Sustainable Infrastructures in Asia and the Pacific

## Challenges and Approaches in Quantifying NbS Benefit Streams

24 October 2022  
2:00–3:00 p.m. Philippines (GMT +8) / Zoom

To enable the uptake of NbS in cities and communities especially in developing countries, key barriers must be addressed including:

- Limited examples of application of NbS in developing country context;
- The perception that NbS are complex, costly, and uncertain, compared to grey infrastructure; and
- Challenges in quantifying multiple benefits of NbS

This webinar organized by ADB's Environment Thematic Group and Urban Sector Group through Urban Climate Change Resilience Trust Fund (UCCRTF) will discuss the factors that make it challenging to quantify socioeconomic, ecological and financial benefits of NbS and illustrate an approach on quantification of such. It draws on UCCRTF's knowledge product on NbS developed through [TA 9217 \(UCCRTF's Sub-Project 2: Resilience Measurement, Capacity Development and Knowledge Sharing\)](#) implemented by a consortium led by Arup.

Register for the NbS Webinar [HERE](#)

Webinar ID: 977 4935 7187  
Passcode: NbSUCCRTF2

### Opening Remarks



#### Qingfeng Zhang

Chief, Rural Development & Food Security (Agriculture) Thematic Group & OIC Chief of Environment Thematic Group, Sustainable Development and Climate Change Department (SDCC), Asian Development Bank (ADB)

### Moderator



#### Joy Amor Bailey

Urban Climate Change Resilience Specialist (Consultant), SDCC, ADB

### NbS in addressing urban challenges and climate change



#### Safiah Moore

Associate, Arup

### Challenges and Approaches in Quantifying NbS Benefit Streams



#### Matthew Savage

Director, Oxford Consulting Partners

### Reflections and Commentary



#### Lara Arjan

Urban Development Specialist, SDCC, ADB  
– on [Revitalization of Informal Settlements and their Environment \(RISE\) project](#) in Indonesia and Fiji



#### Aimee Hampel-Milagrosa

Economist, Economic Research and Regional Cooperation Department, ADB  
– on [Bangladesh: Coastal Towns Climate Resilience Project](#)



#### Stefan Rau

Senior Urban Development Specialist, East Asia Regional Department, ADB



#### Jos Timmerman

Senior Expert, Water and Climate, Waterframes  
– on [UCCRTF-supported community-led NbS projects](#)

### Q&A

### Reflections on the Webinar Presentations and Closing Remarks



#### Jingmin Huang

Director, Pacific Regional Department, Concurrently Chair, Urban Sector Group Committee, ADB