

Learning from Greater Beijing on Air Quality Improvement

Asian Development Bank - People's Republic of China Regional Knowledge Sharing Initiative

11 March 2025 | ADB HQ Multifunction Halls 2 and 3, Hybrid



AGENDA

9:00-9:40

Opening Session

Moderator: **Kelly Bird**, Advisor, East Asia Department, ADB

Opening remarks (3 minutes each)

- **Scott Morris**, Vice-President (East and Southeast Asia, and the Pacific), ADB
- **Weihua Liu**, Executive Director, ADB

Keynote Speech (10 minutes each)

- **Long Yang**, Deputy Director-General, Department of Atmospheric Environment, Ministry of Ecology and Environment, People's Republic of China
- **Sujit Kumar Bajpayee**, Member, Commission for Air Quality Management in National Capital Region and Adjoining Areas, India
- **Kebin He**, Dean, Institute for Carbon Neutrality, Tsinghua University, People's Republic of China

9:40-10:40

Panel Discussion 1: Air Pollution Challenges and Responses from the Developing Member Countries

Moderator: **Qingfeng Zhang**, Senior Director, Agriculture, Food, Nature, and Rural Development Sector Office, Agriculture, Food, Nature, and Rural Development Sector Office (SG-AFNR), Sectors Group (SG), ADB

- **Karma Yangzom**, Principal Environment Specialist, Climate Change and Sustainable Development Department, ADB
- **Noor Ahmed**, Alternate Executive Director, ADB
- **Shantanu Mitra**, Alternate Executive Director, ADB
- **Sirirat Yensong**, Environmentalist, Pollution Control Department, Thailand
- **Jundy Del Socorro**, Chief, Air Quality Management Section, Department of Environment and Natural Resources, the Philippines

10:40-11:00

Group Photo

Tea Break

11:00-12:00

Panel Discussion 2: Experiences from Greater Beijing

Moderator: **Safdar Parvez**, Country Director, ADB Resident Mission in the PRC

- **Lin Lu**, Advisor, SEC and Head, Information Access Unit, ADB
- **Yu Lei**, Director, Institute of Atmospheric Environment, Chinese Academy of Environmental Planning, People's Republic of China
- **Jian Gao**, Deputy Director, Atmospheric Environment Research Institute, Chinese Research Academy of Environmental Science, People's Republic of China
- **Shinezul Sambuudorj**, Officer, Environmental Policy Implementation Department, Ministry of Environment and Climate Change, Mongolia
- **Muhammad Ahmad**, Managing Director, Punjab Clean Air Program, Planning & Development Board, Pakistan

12:00-14:00

Lunch

14:00-16:25

Roundtable Discussion

Moderator: **Kelly Bird**, Advisor, East Asia Department, ADB

Representatives from the ADB Board of Directors, speakers, participants from developing member countries, and select ADB staff will participate in the roundtable discussion to exchange ideas based on the following two topics:

What experiences from the People's Republic of China can be replicated in other developing member countries?

What is the role of multilateral development banks in supporting developing member countries in addressing air pollution?

15:10-15:30

Tea Break

16:25-16:30

Closing Remarks

- **Muhammad Ehsan Khan**, Director General, East Asia Department, ADB

Biographies

Opening Session



Scott Morris

Vice-President, East and Southeast Asia, and the Pacific Asian Development Bank

Mr. Scott Morris joined ADB on 1 November 2023 and has significant prior leadership experience in both government and the non-profit sector. He is currently responsible for overseeing ADB's operations in East Asia, Southeast Asia, and the Pacific.

Mr. Morris is an expert on development finance and debt policy with more than 25 years of experience in international economic policymaking and research. Prior to joining ADB, Mr. Morris was a Senior Fellow at the Center for Global Development (CGD) in Washington, DC. At CGD, he led work on multilateral and bilateral development finance, including the role of concessional finance in supporting low-income and climate-vulnerable countries.

Mr. Morris previously served in senior roles in the US government, including as Deputy Assistant Secretary for Development Finance and Debt in the US Treasury. In this role, he oversaw the participation of the US in multilateral development banks, including ADB, as well as US participation in the Paris Club. Prior to his US Treasury appointment, he managed the international and monetary policy portfolio of the Committee on Financial Services, US House of Representatives.

Mr. Morris holds a master of public policy studies (international economics) from the University of Michigan, Institute for Public Policy Studies, in Michigan, US. He obtained his bachelor of arts degree in government from Franklin and Marshall College in Pennsylvania, US.



Weihua Liu

Executive Director Asian Development Bank

Weihua Liu has served as the Executive Director for the PRC in the ADB Board of Directors since January 2021. He is also the dean of the Board and a member of the Budget Review Committee. Formerly, he acted as the deputy director general of the Department of International Economic and Financial Cooperation, Ministry of Finance (MOF), PRC.

Simultaneously, he was the executive director of IFAD for the PRC. He had engaged in international economic and financial cooperation for more than 20 years.

Mr. Liu started his career in 1987 at the Hunan School of Finance and Accounting. He moved on to different positions at MOF. He has two masteral degrees, one in accountancy from George Washington University, and another in economics from the PRC Institute of Fiscal Science.

Keynote Speech



Long Yang

Deputy Director-General, Department of Atmospheric Environment, Ministry of Ecology and Environment (MEE), People's Republic of China

Mr. Yang is mainly responsible for the supervision and management of air quality, regional joint prevention and control of air pollution, heavy air pollution response, and noise pollution prevention and control. He participated in the formulation of *the Action Plan for Continuous Improvement of Air Quality* and *the Action Plan for Noise Pollution Prevention and Control during the 14th Five-Year Plan Period* in China.

He holds a master's degree in environmental science and engineering from Tsinghua University.



Sujit Kuman Bajpayee

Member, Commission for Air Quality Management in National Capital Region and Adjoining Areas, India

Dr. Sujit Kumar Bajpayee, Member (Full time) in Commission for Air Quality Management in National Capital Region and Adjoining Areas, a statutory body under Govt. of India, started his professional journey with a large Central Public Sector hydropower company in January 2001 as Environment Officer, is currently serving as. An academically qualified Doctorate in Environmental Sciences from Jawaharlal Nehru University, New Delhi, Dr. Sujit Kumar Bajpayee joined Govt. of India in September 2019 as Joint Secretary in Ministry of Env., Forest & Climate Change under Lateral Entry Policy of Govt. During his five years stint in MoEFCC, Dr. Bajpayee headed multiple divisions such as Impact Assessment, Coastal Regulation Zone, Policy & Law, Wetlands, Ease of Doing Business, Environment Education, Biodiversity, and so on. Dr. Bajpayee was at the forefront of pathbreaking systemic reforms undertaken by Govt. in respect of environment and CRZ clearances, including the development of single

window portal for green clearances with GIS based revolutionary features. Dr. Bajpayee has also represented the country in many international forums as National Focal Point for Convention on Biological Diversity and Ramsar Convention on Wetlands. After successfully completing his five years tenure as Joint Secretary in MoEFCC in September 2024, Dr. Bajpayee has been assigned another very important task by Govt of India as Member (Full time) in Commission for Air Quality Management in NCR and Adjoining Areas where he is playing a key role in addressing air pollution issues in and around national capital New Delhi.



Kebin He

Dean, Institute for Carbon Neutrality, Tsinghua University, People's Republic of China

He Kebin is a professor at the School of Environment and Dean of the Institute for Carbon Neutrality at Tsinghua University, Member of Chinese Academy of Engineering; Vice Chairman of the National Expert Committee for Ecology and Environmental Protection; the Chairman of the National Teaching Steering Committee on Environmental Science and Engineering, Prof. He focused on the research of complex air pollution, He conducted researches on the fields of the identification of particulate matters and complex air pollution, characterization of complicated emission sources and multi-pollutant control, and the coordinated control of air pollution and greenhouse gases. He was selected as Elsevier Most Cited Chinese Researchers in 2014-2023 and Clarivate Global Highly Cited Researchers in 2018-2023.

Panel Discussion 1

Air Pollution Challenges and Responses from the Developing Member Countries



Moderator

Qingfeng Zhang

Senior Director, Agriculture, Food, Nature, and Rural Development Sector Office, Agriculture, Food, Nature, and Rural Development Sector Office (SG-AFNR), Sectors Group (SG)

Mr. Qingeng Zhang is leading and overseeing ADB's overall rural development, natural resources, food security, and agriculture operations by providing relevant and practical technical advice.

During his last 16 years with the Bank, Mr. Zhang processes and administers loan and technical assistance projects in green agricultural value chain,

efficient, rural renewable biomass energy, healthy agriculture-ecosystems, food safety, and internet plus agriculture. He published over dozens of knowledge products, Opeds and blogs on agriculture, natural resources and environment. Prior to joining ADB, he was a Director at the State Environmental Protection Administration in Beijing; a Senior Environment Specialist at the World Bank in Washington; and a Research Fellow at the Hong Kong University of Science and Technology.

Mr. Zhang is a Chinese national. He holds a doctoral degree in environmental engineering from the Tsinghua University; and a master's degree in water resources management, and a bachelor's degree in hydrology from the Sichuan University. He was also trained at the Harvard Business School through its Executive Development Program.



Karma Yangzom

Principal Environment Specialist, Climate Change and Sustainable Development Department, Asian Development Bank

Karma is the Principal Environment Specialist responsible for managing the Asia Clean Blue Skies Program, ADB's corporate program on air quality management. She also supports ADB's work on green infrastructure. She has assessed and managed environment safeguards for infrastructure projects in the transport, urban, agriculture, and energy sector for over 19 years. This included over 45 transport projects in the South Asia region. Some of these projects involved highly sensitive ecological issues and gave her the opportunity to initiate innovative (smart/green) solutions in selected road and railway projects such as the Bangladesh: Chittagong – Cox's Bazar Rail Project. She led the production of two ADB publications on climate proofing transport infrastructure and green infrastructure design for transport projects. Prior to joining ADB Karma worked for World Wildlife Fund Bhutan and as a freelance consultant in Bhutan and South Asia. Karma is from Bhutan. She has a BSc from Sherubtse College, Bhutan and a Master's degree in Environment Management from the School of Forestry and Environment Studies, Yale University, US.



Noor Ahmed

Alternate Executive Director, Asian Development Bank

Elected as Executive Director for Kazakhstan, Maldives, Marshall Islands, Mongolia, Pakistan, Philippines, and Timor-Leste effective 1 July 2021.

Mr. Noor Ahmed is a career civil servant with 32 years of public service experience in key government positions. Mr. Ahmed holds a master's degree in Public Policy and Development from a prestigious school in the Netherlands. He was extensively trained in the areas of public policy, fiscal

management, and public enterprises at renowned academic institutions in the United Kingdom and Japan.

Mr. Ahmed started his career in 1989 with the Ministry of Finance, Government of Pakistan, and then moved on to develop financial institutions with a focus on SME development, microfinance, and industrialization. At the middle-management level, he held key positions in the Ministry of Privatisation, Federal Board of Revenue, and seven years with the office of the Prime Minister providing critical inputs on matters relating to the economy, fiscal, investment, trade, and energy for decision-making at the level of the Prime Minister.

From 2013 to 2018, Mr. Ahmed served in the Ministry of Finance in key positions as Additional Secretary and later as Special Secretary, Finance Division. Some of the key areas of responsibilities included corporate finance and management of public sector enterprises; intergovernmental finance and fiscal transfers; public finance including budgeting and debt management; and management of external finances with a focus on external resource mobilization, balance of payment, IMF-funded reforms program and policy-based programs of the Asian Development Bank and the World Bank.

From 2018 to June 2021, prior to his appointment in ADB, Mr. Ahmed served as Secretary, Ministry of Economic Affairs, Government of Pakistan, which is the focal Ministry for external economic relations with multilateral and bilateral development partners. Key responsibilities included programming and negotiations with multilateral and bilateral development partners for the mobilization of external economic assistance with a focus on project financing, program financing, and technical assistance. This also involved extensive coordination with multiple stakeholders within the federal and provincial governments, focusing on portfolio review of foreign-funded projects and implementation of agreed reform agenda.

During the course of his public service career, Mr. Ahmed also had the honor to serve on the Boards of public-sector enterprises including Pakistan International Airlines (PIACL), Pak-Arab Refinery (PARCO), and Electricity Distribution Companies (DISCOs), Pak-China Investment Company (PCICL) and Pak-Oman Investment Company. He also had the honor to represent the Government of Pakistan as Executive Director, Islamic Development Bank; and Alternate Governor, World Bank, ADB, and AIIB.

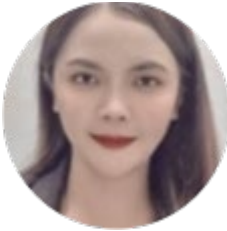


Shantanu Mitra

Alternate Executive Director, Asian Development Bank

Appointed as Alternate Director for Austria, Germany, Luxembourg, Türkiye and the United Kingdom effective 1 August 2024.

Shantanu Mitra served as Director's Advisor and the UK's representative on the ADB Board of Directors for 1 year. He has over 30 years' experience working on international development, including leadership, economic advisory and climate change roles with the UK's Foreign, Commonwealth and Development Office (formerly Department For International Development) in London, China, India, Bangladesh, Indonesia and Thailand. Prior to this he worked as a researcher at the World Institute of Development Economics, UN University, and as an economist in the UK government Department of Health working on health service reform. He holds bachelor's and master's degrees from the London School of Economics and the School of Oriental and African Studies, University of London.



Sirirat Yensong

Environmentalist, Pollution Control Department, Thailand

Dr. Sirirat has been an Environmentalist at the Air Quality and Noise Management Division, Pollution Control Department for 15 years. She coordinates relevant organizations to mitigate transboundary haze pollution and air quality in Thailand. Dr. Sirirat has researched the management of vegetation fires in the north of Thailand and neighboring countries by using an air quality model to simulate scenarios for potential fire controls to find the optimal pollution reduction targets from selected areas and a study on health impacts and socio-economic losses caused by open burning. She also coordinated the Climate and Clean Air Coalition (CCAC) and relevant organizations to generate measures for air quality and climate change in Thailand. In a part of mitigating transboundary haze pollution in ASEAN, especially in the Mekong Sub-region. She has joined the relevant meeting to drive all the Mekong countries to agree to extend the Chiang Rai 2017 Plan of Action to 2030. She is part of a team to develop a Joint plan of action among Thailand-Lao PDR Myanmar to tackle transboundary in this area. To solve transboundary haze pollution, she also focuses on the capacity building program on air quality management in the Mekong Sub-Region.



Jundy Del Socorro

Air Quality Management Section Chief, Department of Environment and Natural Resources, Philippines

Jundy Tigley Del Socorro is currently serving 23 years in the government service at the Department of Environment and Natural Resources – Environmental Management Bureau (DENR-EMB). He is currently holding the position of Chief, Air Quality Management Section (AQMS) as Supervising Environmental Management Specialists (SEMS).

He received his Bachelor's Degree from the School of Civil & Environmental and Sanitary Engineering and his Master's Degree in Environmental Engineering at the School of Graduate Studies at the Mapua Institute of Technology (now Mapua University), Manila, Philippines. He has been a member of different Intergovernmental Technical Working Groups (TWG) in formulation of environmental policies in the DENR -EMB. He is lecturer and resource person in providing capacity building in the fields of Emission Inventory, Dispersion Modeling and Meteorology, Ambient And Stack Testing, updates on the RA879 among others. He was a faculty of the School of Environmental Planning and Management of Miriam College Philippines.

Panel Discussion 2

Experiences from Greater Beijing



Moderator

Safdar Parvez

Country Director, ADB Resident Mission in the People's Republic of China

Safdar Parvez holds an MPhil degree in economics from Cambridge University, United Kingdom; a master's degree from Quaid-eAzam University, Pakistan; and a bachelor's degree in economics from Government College, Pakistan. He joined ADB in 2002 and was appointed director for Central and West Asia Department's Regional Cooperation and Operations Coordination Division in 2016. He became an advisor at the East Asia Department in September 2021, and was appointed country director for the People's Republic of China in November 2022.

Mr. Parvez is a senior economist who has broad experience in ADB operations, advisory services and knowledge work.



Lin Lu

Advisor, SEC and Head, Information Access Unit, Asian Development Bank

Lin Lu, a national of People's Republic of China, holds a Doctorate and a Master's degree in Mechanical Engineering, from Drexel University and Temple University, USA, respectively. She also holds a Master's degree and a Bachelor's degree in Thermal Energy Engineering from Northeastern University and University of Science and Technology of Beijing, respectively, in the People's Republic of China.

Lin Lu has more than 20 years of professional experience including 13 years in ADB. She joined ADB as an Energy Specialist and has held increasingly responsible positions. Prior to joining ADB, she worked as a Business Development Manager with HollySys Asia Pacific in Singapore/Philippines; was an Electrical Engineer in MDCI Automation; and was a System Engineer in Scientific Products & Systems in the United States. Lin Lu was the team leader for the first and the largest air quality improvement program in ADB: Air Quality Improvement in the Greater Beijing–Tianjin–Hebei Region. She has extensive experience in thermal power, energy efficiency, renewable energy, green transport, clean heating and cooling, and air quality improvement. She has led policy dialogues and has provided technical advices on energy development and air quality control to the governments.



Yu Lei

Director, Institute of Atmospheric Environment, Chinese Academy of Environmental Planning People's Republic of China

The director of Atmospheric Environmental Institute and the director of Centre for Carbon Neutrality, Chinese Academy of Environmental Planning (CAEP). His researches mainly focus on air pollution control, air quality management and greenhouse gases mitigation, he is also experienced in several relevant fields such as energy and public health. As the Principal Investigator, he conducted several projects supported by National Key Research and Development Program of China and National Nature Science Foundation of China. He also serves as an expert in composing the national air quality management action plans from the 12th FYP to the 14th FYP. He published more than 100 papers in academic journals, with the citation over 7000 times. Prior to joining CAEP, Mr. Lei worked at Harvard University as a post-doctor. Mr. Lei holds a Ph. D degree in environmental science and engineering from Tsinghua University.



Jian Gao

Deputy Director Atmospheric Environment Research Institute Chinese Research Academy of Environmental Science People's Republic of China

Jian GAO, Professor, deputy director of the Institute of Atmospheric Sciences, Chinese Academy of Environmental Sciences. His main research directions include comprehensive management of urban and regional air quality, PM2.5 sources apportionment, and air pollution monitoring technology. Published over 200 research articles, including more than 140 SCI indexed articles, in which 10 more papers have been listed as highly cited by ESI. His H-index is 49. Authorized 16 national invention patents, won 4 second-class science and technology awards from the Ministry of Environmental Protection, and 1 national patent award. He hosted more than 30 national and provincial-level projects, including the National Natural Science Foundation of China, key projects of the Ministry of Science and Technology, and research projects on the causes and control of heavy air pollution. He is a member of the expert group for particulate matter source analysis technology in MEE. His team were responsible for the analysis of particulate matter sources in 2+26 cities in the national "Causes and Control of Heavy Air Pollution" research project.

He also provided decision-making support for the Ministry of Ecology and Environment for air pollution control. He and his team conducted the "one city, one policy" scientific and technological support work for air pollution prevention and control in more than 30 cities such as Shijiazhuang, Lanzhou, Xi'an, Weifang. And his research played key role in improving the air quality in these cities.



Shinezul Sambuudorg

Officer, Environmental Policy Implementation Department, Ministry of Environment and Climate Change, Mongolia

Environmental specialist with 10 years experience in defining and developing sectoral policies. Till now I feel myself new employee. Reason why is when I am into my work there are many complicated issues that need to be solved. Therefore, I love my profession and we gathered here learning from each other, particularly Beijing's greater experience.



Muhammad Ahmad

Managing Director, Punjab Clean Air Program, Planning and Development Board, Pakistan

Muhammad Ahmad is a distinguished member of the Pakistan Administrative Service (PAS) with 19 years of experience in public sector governance, development management, and policy advisory. He has led multiple high-impact programs in education, governance, and environmental sustainability, driving reforms and innovation at both national and international levels.

Currently serving as Program Coordinator for the Punjab Clean Air Program (PCAP) and Managing Director of Punjab Resource Management & Policy Unit, Muhammad Ahmad is at the forefront of environmental policy and air quality management in Punjab. His expertise spans regulatory reforms, emission reduction strategies, and cross-sectoral coordination to improve environmental governance.

Prior to his current role, Ahmad managed a \$6 billion development assistance portfolio at the Planning & Development Board, Punjab, overseeing strategic initiatives across multiple sectors. Earlier, he led the World Bank-funded Punjab Education Sector Reforms Program (PESP III), a \$300 million initiative focused on improving education quality and access. He also directed the Punjab School Construction & Rehabilitation Program (PSCR) and played a pivotal role in securing multimillion-dollar grants from the Global Partnership for Education (GPE). His tenure includes the design and implementation of Taleem Ghar, Pakistan's first tele-education initiative, ensuring uninterrupted learning for millions of students during the COVID-19 pandemic.

Muhammad Ahmad has also served in key administrative and policy roles, including as Deputy Secretary to the Prime Minister's Task Force on Reforms, Deputy Secretary (External Finance Policy) to the Government of Pakistan, Ministry of Finance, Deputy Commissioner, Hafizabad, and Director Policy for Punjab's Land Records Project, transforming governance structures for efficiency and transparency. His international engagements include collaborations with the World Bank, FCDO (UK), and the World Economic Forum, focusing on education, governance, and economic development.

A Chevening and Cambridge Trust Scholar, he holds an MPhil in Public Policy from the University of Cambridge, UK, along with advanced training in governance, public finance, and disaster resilience. His dedication to evidence-based policymaking and innovation continues to shape Pakistan's development landscape.

Roundtable Discussion

Experts from ADB



Moderator

Kelly Bird

Advisor, East Asia Department, Asian Development Bank

Kelly Bird has been Advisor in the East Asia Regional Department (EARD), ADB, since 19 June 2023. In this role he is responsible for supporting the Director General of EARD in managing the regional department and strategic oversight of country programs and relations, coordinating with the ADB Board of Directors, and coordinating and overseeing the East Asia knowledge program. Prior to this position, Kelly was the Country Director for the Philippines from January 2018 to June 2023. He was Director for Public Management, Financial Sector and Trade Division (SEPF) in the Southeast Asia Department from December 2014 to January 2018. He has worked at ADB since May 2006. Prior to joining ADB he worked as a policy adviser to the Indonesia government for six years funded through USAID. He has also worked on projects for the World Bank and USAID in trade, investment, employment, and competition policy in numerous countries including Cambodia, Indonesia, Nepal, and several southern African economies. Earlier in his career, he was a tax policy analyst at the Papua New Guinea Department of Finance and Planning, funded through the Australian National University.

His areas of expertise are macroeconomics (fiscal policy), financial sector development, private sector development, public financial management and governance, and labor markets and employment. As Country Director for the Philippines, he oversaw the fourfold increase in the lending program to the Philippines, averaging \$3 billion annually from 2019 to 2023. Transformative projects include the Malolos Clark Railway Project (MFF of \$2.6 billion approved in 2019), the Infrastructure Preparation and Innovation Facility (\$200 million loan approved in 2019), and the South Commuter Railway Project (approved in 2022). Projects under preparation included the Davao Public Bus Modernization Project (approved in June 2023), The Bataan Cavite Bridge and the Light Transit Rail line from Ortigas to Rizal province. Additionally, he oversaw the processing and approval of ADB's first ever Philippines Climate Change Action policy-based loan cofinanced with AfD in 2022.

While at ADB, he has designed and implemented several innovative projects including JobStart Philippines, an employment program supporting at-risk youth find employment, and the SkillsUpNet Philippines program providing

grants to networks of enterprises for short term workplace skills development.

He graduated from the Australian National University in 1999 with a PhD in Economics. He also holds a Bachelor of Laws degree and Bachelor of Commerce (honors) degree from the University of Otago, New Zealand.



Norio Saito

Senior Director, Water and Urban Development Sector Office, Water and Urban Development Sector Office (SG-WUD), Sectors Group (SG)

Mr. Norio Saito is Senior Director for ADB's Water and Urban Development Sector Office. He has more than 28 years of professional experience across Asia, including 14 years in ADB, primarily in urban development, water and sanitation management, climate change, environmental analysis, and implementing public-private partnerships.

In his former position as Director for the Urban Development and Water Division of ADB's South Asia Department, Norio was responsible for a significant project lending and technical assistance portfolio involving the following ADB developing member countries: Bangladesh, Bhutan, India, Maldives, Nepal, and Sri Lanka. His career includes the role of Deputy Country Director for ADB's Viet Nam Resident Mission as well as senior positions with the Japan Bank for International Cooperation.

He has a PhD in environmental science from Ibaraki University, Japan, a master of environmental management from Duke University, USA, and a bachelor of science in geography from the University of Tokyo, Japan.



Sujata Gupta

Director, Energy Division, East Asia Regional Department, ADB

Ms. Sujata Gupta is the Energy Director of the East Asia Department of the Asian Development Bank (ADB) since November 2017. She joined ADB in 2003 and has worked on the public and private sectors of ADB as well as for resource mobilization from development partners. Prior to her current position, Sujata was the Director, Office of Cofinancing Operations (2013–2017), South Asia Head and Principal Investment Specialist, Private Sector Operations Department (2007–2012) and Senior Energy Specialist with the South-East Asia Regional Department (2003–2007).

Sujata has a PhD in Economics from the London Business School, University of London and Master's and Bachelor's degrees in Business Economics/Economics from the University of Delhi. Sujata has over 29 years experience in ADB's public and private sector operations, and in research

and consulting in the areas of climate change, renewable energy, energy economics and policy, sustainable use of natural resources. Before joining ADB, Sujata was Senior Fellow and Director of the Policy Analysis Division, at TERI (then the Tata Energy Research Institute), New Delhi. She has also worked as a visiting researcher at the International Institute of Applied System Analysis in Austria. She was a member of United Nations (UNFCCC) CDM Methodologies for Baselines and Monitoring Panel (2002–2005), and a co-coordinating lead author for the Second, Third, Fourth and Fifth Assessment Reports of the Intergovernmental Panel on Climate Change.