

2023 Asia-Pacific Forum on Green and Low-carbon Development Forum Handbook

GUIDED by

People's Government of Hunan Province

HOSTED by

Ecology and Environment Department of Hunan

Hunan Provincial Department of Finance

Asian Development Bank

National Center for Climate Change Strategy and International Cooperation

ORGANIZED by

ADB-PRC Regional Knowledge Sharing Initiative

Hunan Innovative Low Carbon Center

CHANGSHA-HUNAN-P.R. CHINA
CHANGSHA INTERNATIONAL CONFERENCE CENTER

20-21 OCTOBER 2023



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I PROGRAM AT A GLANCE

2023 Asia-Pacific Forum on Green and Low-Carbon Development and East Asia Forum (EAF)

Day 1. 20 October. Friday

09:00–10:30 **Hunan Cultural Show**
Opening Ceremony for 2023 Asia-Pacific Forum on Green and Low-Carbon Development (Jointly with 2023 East Asia Forum)

10:30 - 11:00 **Tea Break**

11:00 - 12:30 **Plenary Session 1**
The Road to COP 28: How is Asia-Pacific's Battle against Climate Change (Jointly with 2023 East Asia Forum)

12:30 - 14:00 **Lunch**

14:00-15:30

<i>Policy Track</i> Parallel Session 1 Climate Change Policies in Asia-Pacific Region: NDC, Just Transition and Green Recovery	<i>Finance Track</i> Parallel Session 2 Carbon Pricing Developments and Outlook for Green and Low Carbon Development in the PRC	<i>Technology Track</i> Parallel Session 3 Emerging Mitigation Climate Technologies: (Energy Sector)	<i>2023 East Asia Forum</i> EAF Session A Greenhouse Gas Emissions Reduction from Agriculture
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15:30-16:00 **Tea Break**

16:00 -17:30

<i>Policy Track</i> Parallel Session 4 Strategies and Paths of Carbon Neutrality for Regions/Industrial Parks	<i>Finance Track</i> Parallel Session 5 Trade, Investment and Climate Change in Asia and the Pacific	<i>Technology Track</i> Parallel Session 6 Emerging Mitigation Climate Technologies: (Infrastructure Sector)	<i>2023 East Asia Forum</i> EAF Session B Good Practices in Biodiversity Protection
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18:00 -20:00 **Reception Dinner**

Day 2. 21 October. Saturday

09:00–10:30

<i>Policy Track</i> Parallel Session 7 Public Private Partnership and Dialogue for Green and Low Carbon Development	<i>Finance Track</i> Parallel Session 8 Financial Innovation for Climate and Trade	<i>Technology Track</i> Parallel Session 9 Climate Change Adaptation and Sustainable Development
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10:30 - 11:00 **Tea Break**

11:00 - 12:30

<i>Policy Track</i> Parallel Session 10 International Youth Dialogue on Green Entrepreneurship for a Low Carbon Society, Green Leadership for a Shared Future	<i>Finance Track</i> Parallel Session 11 Innovative Financing Mechanisms for Climate Change from International Financial Institutions	<i>Technology Track</i> Parallel Session 12 Digitalization for Green and Low Carbon Development	<i>2023 East Asia Forum</i> EAF Session C Greening the PRC: Four ADB Projects Driving the Country's Sustainable Future
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12:30 - 14:00 **Lunch**

14:00 - 15:00 **Plenary Session 2**
Transition to a Net Zero Asia-Pacific Region (Jointly with 2023 East Asia Forum)

15:00 - 15:20 **Tea Break**

15:20 - 16:00 **Dialogue of a Tale of Two Cities Towards Low-Carbon Development**

16:00 - 17:00 **Closing Ceremony (Jointly with 2023 East Asia Forum)**

II Agenda

Day 1
20 October
Friday

08:00–09:00 **Registration**

09:00–09:10 **Hunan Cultural Show**
Xiangjiang Hall, 2nd Floor

09:10–10:30 **Opening Ceremony**

Moderator

◆ **LI Xianxing**

Level 1 Bureau Rank Official, Hunan Provincial Government, PRC

Welcome Speech

◆ **WANG Yi'ou**

Vice Governor, Hunan Provincial Government, PRC

◆ **ZHAI Qing**

Vice Minister, Ministry of Ecology and Environment, PRC

◆ **LIAO Min**

Vice Minister, Ministry of Finance, PRC (live)

◆ **CHEN Shixin**

Vice President, Asian Development Bank (ADB)

Keynote Speech

◆ **Sir Danny ALEXANDER**

Vice President for Policy and Strategy, Asian Infrastructure Investment Bank (AIIB)

◆ **WU Yingming**

Chairman of the Board of Supervisors, Contemporary Amperex Technology (CATL)

◆ **ZHANG Wenjian**

Assistant Secretary-General, World Meteorological Organization (WMO) (live)

10:30–11:00 **Tea Break**

11:00–12:00

Plenary Session 1

The Road to COP 28: How's Asia-Pacific's Battle against Climate Change

Xiangjiang Hall, 2nd Floor

This panel discussion will explore the Asia-Pacific region's progress on the region's climate targets for 2030. As we navigate through myriad challenges arising across diverse contexts, this session focuses on deriving insights from international organizations, academia, the private sector, and a vibrant youth leader. Central themes will include devising astute policies, adopting innovative technologies, and fortifying plans, all aimed at overcoming financial gaps and orchestrating unified actions to align with the ambitious 1.5°C target.

Moderator

◆ **XU Huaqing**

Director General, National Center for Climate Change Strategy and International Cooperation (NCSC)

Keynote Speech and Panel Discussion

◆ **LI Yang**

Academician, Chinese Academy of Engineering

◆ **LI Zheng**

Professor and Executive Vice President, Institute of Climate Change and Sustainable Development, Tsinghua University

◆ **Robert STOWE**

Executive Director, the Harvard Environmental Economics Program, Harvard Kennedy School

◆ **TAN Su Jie**

Apac Tsinghua Ceo Cci Bhd Scholar, Tsinghua University

◆ **WANG Zhongjing**

CEO, Multilateral Cooperation Center for Development Finance

◆ **ZHANG Yue**

President, Broad Group

12:00–14:00

Lunch Break

14:00–15:30

Parallel Sessions 1-3 and
East Asia Forum (EAF) Session A

Parallel Session 1

Climate Change Policies in Asia-Pacific Region: Nationally
Determined Contribution, Just Transition and Green Recovery

Multifunction Hall 05, 1st Floor

Over the past years, Asia and the Pacific countries and economies have experienced unprecedented climate-induced disasters, resulting in massive human and economic losses. To combat climate change, we have witnessed the mainstreaming of carbon neutrality, with many countries and economies in the region committing to more ambitious nationally determined contributions, while achieving a just transition and green recovery.

The People's Republic of China has pledged in 2020 to have a carbon emission peak before 2030 and achieve carbon neutrality by 2060. Other countries such as Japan, Republic of Korea, Malaysia, Singapore, Uzbekistan, and Viet Nam have also joined this journey by setting a target to achieve carbon neutrality by 2050.

This session aims to share how to convert these goals into reality through national climate change policies.

Moderator

◆ **Akiko Terada-HAGIWARA**

Principal Country Specialist, PRC Resident Mission, East Asia Department, ADB

Presentation Speakers

◆ **CHAI Qimin**

Director, Strategy and Planning Department, NCSC

◆ **Wee Kean FONG**

Deputy Country Director, Beijing Office, World Resources Institute

◆ **Seong-Ho LEE**

Director, Department of Renewable Energy, Samarkand International University of Technology

◆ **PAN Tao**

China Program Director, Institute for Sustainable Communities

Parallel Session 2

Carbon Pricing Developments and Outlook for
Green and Low Carbon Development in the PRC

Multifunction Hall 01, 1st Floor

Carbon pricing is a key policy instrument as part of the broader climate policy architecture that is being increasingly utilized to reduce emissions cost-effectively and raise ambition overtime. Carbon pricing is most commonly implemented domestically through carbon taxes and emissions trading systems (ETS), and at the international level through carbon trading under Article 6 of the Paris Agreement and the voluntary carbon market.

Given the benefits of carbon pricing instruments, there is a growing momentum not just globally but also in Asia and the Pacific to utilize them with 7 initiatives launched in the national level including a carbon tax in Japan and Singapore, and an ETS in the People's Republic of China (PRC), Kazakhstan, Republic of Korea, New Zealand and Indonesia. In the PRC, there has been a long standing experience with carbon pricing instruments, primarily through the pilot ETSs preceding the nation-wide ETS but also through the Clean Development Mechanism of the Kyoto Protocol.

This session seeks to explore the growing dynamics of carbon pricing in Asia and the Pacific with a focus on the experiences and knowledge in the PRC. It will explore current market developments and outlook for carbon pricing in light of the growing momentum in utilizing carbon pricing globally, the use of carbon border adjustment mechanisms (CBAM) to address carbon leakage, and a growing international carbon market and its implications with the overall view to supporting green and low-carbon development.

Moderator

◆ **Virender Kumar DUGGAL**

Principal Climate Change Specialist, Climate Change and Sustainable Development Department, ADB

Opening Remarks

◆ **DING Hui**

Director, Ministry of Ecology and Environment's Department of Climate Change

Presentation Speaker

◆ **Yang Weihua**

Gansu Carbon Crediting Scheme Expert, ADB Consultant

◆ **CHEN Zhixiang**

Chairman, China Carbon Emissions Registration and Clearing Co., Ltd.

◆ **Robert STOWE**

Executive Director, Harvard Environmental Economics Program, Harvard Kennedy School

◆ **Suzi KERR**

Senior Vice President and Chief Economist, Environment Defense Fund

◆ **QI Jiahong**

Assistant to the General Manager, China Beijing Green Exchange

Parallel Session 3

Emerging Mitigation Climate Technologies (Energy Sector)

Multifunction Hall 04, 1st Floor

This session delves into cutting-edge solutions focusing on digitalized distributed energy, wind system certification, waste to energy, and other innovative technologies. As the urgency to mitigate climate change intensifies, understanding these advancements becomes crucial. Participants will gain insights into the potential, challenges, and pathways of integrating these technologies into a sustainable future, ensuring a greener, more resilient tomorrow.

Moderator

◆ Pil-Bae SONG

Former Senior Advisor for ADB Energy Community of Practice

Presentation Speakers

◆ HE Zeyi

Chief Scientist, Changsha Urban Development Group

◆ Visarn LILAVIVAT

Senior Researcher, National Energy Technology Center (ENTEC), Thailand

◆ Robin REN

Advisor, Carbon Engineering (CE) on China

◆ Keshan SAMARASINGHE

Energy and Environmental Specialist, ADB Consultant

◆ TIAN Lili

Deputy General Manager, Shanghai Shenergy and Shell New Energy Company Limited

◆ YU Hu

Director, Institute of Carbon Neutrality Development, China Energy Engineering Group Hunan Electric Power Design Institute Co., Ltd.

EAF Session A

Greenhouse Gas Emissions Reduction from Agriculture

Multifunction Hall 02, 1st Floor

This session identifies the importance of emission reduction efforts in agriculture, showcases agricultural technologies and smart farming practices to mitigate CO₂-equivalent emissions in East Asia, and explores opportunities for related policy improvements.

Moderator

◆ YAO Yixin

Senior Research Fellow, Asian Development Bank Institute (ADBI)

Presentation Speaker

◆ FAN Shenggen

Professor, College of Economics and Management, China Agricultural University

Panel Discussion

◆ FAN Shenggen

Professor, College of Economics and Management, China Agricultural University

◆ HUANG Jikun

Professor, School of Advanced Agricultural Sciences, Peking University

◆ JI Chen

Associate Professor, China Academy of Rural Development, Zhejiang University

◆ XIONG Wei

Senior Scientist, International Maize and Wheat Improvement Center (CIMMYT)

15:30–16:00

Tea Break

16:00–17:30

Parallel Sessions 4-6 and
EAF Session B

Parallel Session 4

**Strategies and Paths of Carbon Neutrality for
Regions/Industrial Parks**

Multifunction Hall 05, 1st Floor

Industrial parks/city communities, as important carriers of industrialization and urbanization, are gathering places for industries, economy, and people, and they are also major consumers of energy and resources. From the perspective of carbon neutrality in parks/communities, it is crucial to explore innovative solutions in energy, industry, urban spatial design, and other dimensions, and replicate and disseminate them widely, in order to achieve the "dual carbon" goal. This parallel session will invite domestic and foreign participants to share their experiences and practices in low-carbon parks/communities construction, focusing on the paths, policies, mechanisms, and systems for building carbon-neutral parks/communities. The aim is to provide practical models and solutions for a wider range of stakeholders and promote their applications.

Moderator

◆ **LIN Weiwei**

Senior Program Officer, Low Carbon Cities Program, Energy Foundation China

Presentation Speakers

◆ **CHAI Qimin**

Director, Strategy and Planning Department, NCSC

◆ **LIU Xinyi**

Deputy Director General, Secretariat of Green Partnership of Industrial Parks

◆ **XU Chongqing**

Director, Ecology Institute of Shandong Academy of Sciences

◆ **LIU Jia**

Director, Green Development Research Center,
Shanghai Economic Information Center

◆ **JI Lin**

Program Director, Global Environmental Institute

◆ **Vongphet SITHAVONG**

Deputy Director, Institute of Natural Resources and Environment,
Ministry of Natural Resources and Environment, Lao PDR

◆ **PENG Zhuojian**

Urban Design Lead Asia at HDR (live)

Parallel Session 5

**Trade, Investment and Climate Change in
Asia and the Pacific**

Multifunction Hall 01, 1st Floor

This session, drawing insights from ADB's Asian Economic Integration Report 2023, casts a spotlight on the tripartite of Trade, Investment, and Climate Change within the area, offering a platform to explore and weave these interconnected strands into a cohesive tapestry of climate action. We'll delve into a rich discourse that meticulously dissects and aligns green investments, supply chains, and policies, discussing and forming integrative approaches to ensure each component is an intrinsic part of the overarching strategy to fortify climate solutions and sustainable development throughout the region.

Moderator

◆ **TIAN Danyu**, Deputy Director, Strategy and Planning Department, NCSC

Presentation Speakers

◆ **DENG Xin**

Professor, Hunan University of Technology and Business

◆ **HAN Bin**

Director General, Private Sector and Non-Sovereign Guaranteed Transactions
Department, New Development Bank

◆ **Richard LIN**

Vice President, Carbon Market Group, European Union Chamber of
Commerce in China

◆ **Mara TAYAG**

Senior Economics Officer, Economic Research and Development Impact
Department, ADB

◆ **ZHANG Liao**

CEO, JUMBO Consulting

Parallel Session 6

Emerging Mitigation Climate Technologies (Infrastructure Sector)

Multifunction Hall 04, 1st Floor

Together with the power and industry sectors, the building and transportation sectors account for a significant share of global greenhouse gas emissions at present, which entails an urgent need for the deployment of innovative policies and solutions to change the way we power mobility and the way we construct and use energy in buildings.

It is anticipated that decarbonization of the transportation sector will rely on two major technology transitions, shifts toward electric mobility and shifts toward direct use of low-carbon fuels. Energy efficiency and electrification will also be the two main drivers of decarbonization of the building sector.

This session is to share emerging cost-effective technical solutions for these two sectors to mitigate the climate change impact.

Moderator

◆ **Dan Brian MILLISON**

Senior Energy Consultant, Sector Group, ADB

Presentation Speakers

◆ **CAI Zhisong**

Director, Wind Energy Solutions, China General Certification Center

◆ **HAN Xiaoli**

Assistant General Manager, Certification and Evaluation Center,
China Testing & Certification International Group Co. Ltd

◆ **HU Shixuan**

General Manager, Eco-Atlas

◆ **TAN Lulu**

Executive Director, Public & Government Affairs of CIDI

◆ **ZHAO Jimin**

Associate Professor, Division of Social Science,
Hong Kong University of Science and Technology

EAF Session B

Good Practices in Biodiversity Protection

Multifunction Hall 02, 1st Floor

Natural ecosystems can support climate mitigation and adaptation yet also suffer from climate change impacts. The climate-nature nexus approach could address challenges and create multiple benefits. This session will share best practices on natural capital accounting spatial technology, digital platform, strict policy and Regional Flyway Initiative (RFI) to protect biodiversity for carbon neutrality and climate resilience; discuss potential investment projects and develop partnerships for climate and nature.

Moderator

◆ **Stefan RAU**

Principal Urban Development Specialist, ADB

Presentation Speakers

◆ **GAO Jixi**

Director General, Satellite Application Center for Ecology and Environment,
Ministry of Ecology and Environment

◆ **Duncan A. LANG**

Senior Environment Specialist, Climate Change and Sustainable Development
Department, ADB
and

LEI Guangchun

Professor, Advisor of the Science Unite of the East Asia-Australasian
Flyway Partnership

◆ **WU Yaling**

Senior Advisor, Ant Group Research Institute

Panel Discussion

Facilitator

◆ **GUO Dongmei**

Environment Specialist, Agriculture, Food,
Nature and Rural Development Sector Office, Sector Group, ADB

Panelists

◆ **BAO Daming**

Director General, Department of Wetland Management National Forest and
Grassland Administration

◆ **ZHANG Yan**

Director, China Office, International Union for the Conservation of Nature

◆ **YU Xiubo**

Secretary General, China Ecosystem Research Network

Wrapping-up

◆ **QIU Guojun**

Deputy Director General, Department of Rural Economy,
National Development and Reform Commission

Day 2
21 October
Saturday

09:00–10:30

Parallel Sessions 7-9

Parallel Session 7

**Public Private Partnership and Dialogue for
Green and Low Carbon Development**

Multifunction Hall 05, 1st Floor

Under the new global trend of green and low-carbon transformation, it is crucial that both government and market would play their active roles in advancing low-carbon development. Public-Private Partnership (PPP) has been considered as an effective model for promoting high-quality development. In this session, representatives from government agencies, private enterprises, financial institutions and academic institutions will share their thoughts, practice and experience in PPP models, including examples of how to balance profitability with cost-effectiveness while also ensuring the delivery of high-quality low-carbon infrastructure/services. More insights and learnings of case studies from different countries will be represented.

Moderator

◆ **LU Xuedu**

Senior Advisor on Carbon Neutrality, Tencent Group,
Former ADB Lead Climate Change Specialist

Presentation Speakers & Panelists

◆ **HUANG Biao**

Principal Investment Specialist, Private Sector Operations Department, ADB
and

HUA Nan

Manager, Green Finance Department, Huzhou Bank

◆ **DENG Yu**

Researcher, Shanghai Institute for Finance and Development

◆ **LUI Kanyi**

Partner and Head of China Office, Pinsent Masons

◆ **Yazyyev MERDAN**

Researcher, CAREC Institute

◆ **WANG Hua**

Senior Director, Head of China Markets Global Carbon Commodities and
Global Markets, Macquarie Group

Parallel Session 8

Financial Innovation for Climate and Trade

Multifunction Hall 01, 1st Floor

The session will introduce innovative approaches to finance new technologies for transition pathways to reduce global warming to 1.5°C.

Moderator

◆ **Kelly BIRD**

Advisor, East Asia Department, ADB

Presentation

◆ **Shinichi TSUNODA**

General Manager, Sustainable Business Promotion Department,
Mizuho Financial Group, Inc.

◆ **WANG Yao**

Director General, International Institute of Green Finance,
Central University of Finance and Economics

◆ **Eugene WONG**

CEO, Sustainable Finance Institute Asia (SFIA)

◆ **LIN Gang**

General Manager, Client and Credit Management Department,
Export-Import Bank of China

Parallel Session 9

Climate Change Adaptation technologies and Sustainable Development

Multifunction Hall 04, 1st Floor

This session will identify the most critical climate risks that the PRC, its various subregions, coastal zones and cities are facing from the changing climate. This session will share best practices on urban climate change adaptation, including sponge city development as well as sustainable and green development in the building and construction sector. It will discuss options and viable strategies for adaptation. It will be assessed if greater integration of risk-informed land use planning, nature-based solutions with green infrastructure networks and traditional engineering solutions may deliver more effective resilience more efficiently.

Moderator

◆ Stefan RAU

Principal Urban Development Specialist, ADB

Presentation Speakers

◆ CHAO Qingchen

Director General, National Climate Center

◆ FU Fangwei

General Manager, Hui Xiang Company

◆ NI Yuanzhi

Engineer, Shanghai Academy of Environmental Sciences

Panel Discussion

◆ Ailikun

Senior Engineer, Institute of Tibetan Plateau Research, Chinese Academy of Sciences

◆ CHEN Minpeng

Professor, School of Agricultural Economics and Rural Development, Renmin University

◆ PENG Jinqing

Professor, Department of Building Environment and Energy Engineering, Hunan University

10:30–11:00 Tea Break

11:00–12:30

Parallel Sessions 10-12 and EAF Session C

Parallel Session 10

International Youth Dialogue on Green Entrepreneurship for a Low Carbon Society, Green Leadership for a Shared Futures

Multifunction Hall 5, 1st Floor

The Youth Dialogue session hosted by Asian Development Bank in partnership with United Nations Youth Leadership Development Programme, and supported by Tsinghua University Student Association of China-ASEAN will discuss green skills development challenges and opportunities in the context of low-carbon economic transition. Dialogue will focus on what stakeholders are doing to promote green skills and green entrepreneurship among youth. It will also allow for peer-learning, encouraging youth to plan their studies and careers in a way that supports them in the green transition.

Facilitator

◆ JIA Ziqun

Yenching Scholar, Peking University

Dialogue Moderator

◆ Brendan COLEMAN

Climate Change Specialist, Climate Change and Sustainable Development Department, ADB

Opening Remarks

◆ Safdar Parvez

Country Director, PRC Resident Mission, East Asia Department, ADB

Panel Discussion 1: Green Future and Youth Leadership

◆ Eric ROEDER

Technical Specialist on Green Jobs, Climate Action, Asia Pacific Region, International Labor Organization (ILO)

◆ XIAO Na

General Manager, Columbia University Global Center (Beijing)

◆ WU Xulei

Youth Leadership Project Officer, United Nations Population Fund (UNFPA) China Office

◆ HU Jiaojiao

Founder of Polar Hub, Blue Pioneer Outstanding Students

◆ Héloïse Garry

French Youth Representative, Yenching Scholar, Peking University

◆ TAN SuJie

Malaysian Youth Representative, Apac Tsinghua Ceo Cci Bhd Scholar, Tsinghua University

◆ XIANG Liurong

Chinese Youth Representative, Changsha Mingde Middle School, First Prize Winner of the Fourth National Environmental Protection Essay Competition

Q&A

Keynote Speeches: SHE Power-Action for Green Future

◆ WANG Hanyuan

Schwarzman Scholar, Tsinghua University, SDG Young Leader recognized by United Nations, Founder of Climind

◆ LIU Yiyu

Mphil. Innovation, Policy & Entrepreneurship with a Focus on Carbon Neutrality and Climate Change, Hongkong University of Science and Technology

◆ LIN Zhini

Guangzhou Mingde Experimental School, Global SDG & Carbon Neutrality Youth Ambassador, Outstanding Participant in United Nations Youth Leadership Development Program (UNYLDP)

◆ ZHOU Yuxi

Changsha Yali High School, Founder of Dream Class toward Environment Protection

Panel Discussion 2:

Green Entrepreneurship for Achieving Low Carbon and Circular Economy

◆ Savinda RANATHUNGA

Regional Youth Project Manager, United Nations Development Programme (UNDP) Asia and the Pacific

◆ JIANG Nanqing

Executive Director, Institute of Carbon Neutrality and Circular Economy (ICNCE), Former United Nations Environment Programme (UNEP) Officer

◆ ZHANG Lipeng

Senior Consultant, Danish Energy Agency (DEA), former United Nations Environment Programme (UNEP) consultant

◆ ZHANG Zhihao

Senior Consultant, National Torch Academy of Innovation and Entrepreneurship (ZGC)

◆ Lucas ARAMBURU

American Youth Representative, Columbia University

◆ Ilias LAROUSSI

Moroccan Youth Representative, Founder of Tsinghua Climate Hub, Tsinghua University

◆ Chi Yonghan

Experimental High School Affiliated to Beijing Normal University, Founding Member of Kenya Energy Efficient Stoves Project

Q&A

Wrapping-up

Parallel Session 11

Innovative Financing Mechanisms for Climate Change from International Financial Institutions

Multifunction Hall 01, 1st Floor

It is estimated that the current global investment levels must increase by at least 454%, or by \$4.1 trillion by 2030 to meet the global target of keeping warming within 1.5°C and aligning with the goal set in the Paris Agreement. This exceeds the capacity of financial institutions, as well as the international financial institutions by many orders of magnitude. As such, all such institutions must look at financial innovation, accessing new sources of funding, mobilizing the private sector and capital markets, and leveraging existing resources. This seminar will discuss ongoing initiatives, and their impacts.

Moderator

◆ Jacob SORENSEN

Director, Partner Funds Division, Climate Change and Sustainable Development Department, ADB

Presentation Speakers

◆ Ines FEJZIC

Senior Environment and Social Specialist,
Multilateral Cooperation Center for Development Finance

◆ Alfredo Bano LEAL

Senior Energy Specialist, Sector Group, ADB

◆ Giovanni RUTA

Lead Climate Economist, Beijing Office, World Bank

◆ YAO Jianshi

Chief Specialist, New Development Bank (NDB)

◆ ZHANG Zhihong

Fund Manager, Climate Change Group, World Bank

Parallel Session 12

Digitalization for Green and Low Carbon Development

Multifunction Hall 04, 1st Floor

Digital technologies including clouds, AI, internet of things and lately large language models are crucial for green and low-carbon development and achieving carbon neutrality. In this session, the speakers and panelists from industries, research institutions and internet companies will share their views, knowledge and experience of digitalization/decarbonization in various sectors such as energy, transport and buildings.

Moderator

◆ ZHAI Yongping

Senior Advisor, Tencent and Former ADB Energy Sector Chief

Presentation Speakers

◆ CHEN Zong

Deputy General Manager, Green Logistics, Cainiao Group

◆ HUANG Ting

Cloud Native Technology Department, Ant Group

◆ Julien MARTIN

CEO of Digital Climate Group

◆ SUN Fujie

Chief Industry Expert, Tencent Cloud Smart Energy

◆ WANG Yingming

Deputy Director, Yanji Municipal Development and Reform Commission

◆ YU Boming

Manager, Carbon Peaking & Neutrality Group, Hyperchain Technology

Wrapping-up

◆ ZHAI Yongping

Senior Advisor, Tencent and Former ADB Energy Sector Chief

◆ ZHOU Aiming

Deputy Country Director, PRC Resident Mission, ADB

EAF Session C

Greening the PRC: Four ADB Projects Driving the Country's Sustainable Future

Multifunction Hall 02, 1st Floor

This session will share operational knowledge from four ADB projects in the PRC covering biodiversity protection, scaling and catalyzing green finance, and promoting sustainable urban development. Lessons and experiences from these projects will benefit the design and implementation of similar projects in other PRC provinces and ADB's developing member countries.

Moderator

◆ Bart ÉDES

Professor of Practice, McGill University

Opening Remarks

◆ CHEN Lijuan

Deputy Director, International Financial Institution II Division, Department of International Economic and Financial Cooperation, Ministry of Finance

Presentation Speakers

Jiangsu Yancheng Wetlands Protection Project

◆ NIU Zhiming

Senior Project Officer (Environment), PRC Resident Mission, East Asia Department, ADB

◆ CHEN Hao

Director, Science and Research Unit Yancheng
Rare Birds National Nature Reserve

Wuhan Urban Environmental Improvement Project and

Hubei Huangshi Urban Pollution Control and Environment Management Project

◆ ZHENG Baochang

Senior Project Management Officer, PRC Resident Mission, East Asia Department, ADB

◆ RUAN Hongquan

Director, Huangshi PMO of Urban Pollution Control and Environment

◆ XIE Zhimin

Technical Head, Wuhan PMO of Utilizing Foreign Capital in Urban Construction

Shandong Green Development Fund Project

◆ LEUNG Kang Hang

Principal Infrastructure Finance Specialist, Sector Group, ADB (live)

◆ WANG Yuxi

Executive Director, CICC Capital Management

Shaanxi Accelerated Energy Efficiency and Environment Improvement Financing Project

◆ Gloria Gerilla-TEKNOMO

Senior Transport Officer, Sector Group, ADB

◆ ZHANG Xi

General Manager, Shaanxi Financial Development Investment Management Company

12:30–14:00 **Lunch Break**

14:00–15:00 **Plenary Session 2**

Transition to a Net Zero Asia-Pacific Region

Xiangjiang Hall, 2nd Floor

Transition to a low-carbon economy needs collaboration and knowledge exchange across sectors, including public, private, international organizations, academia, non-governmental organizations, and think tanks. How can Asia's development become more aligned with its climate commitments? How will the PRC's net-zero transition progress influence the region's prospects? What can various private and public sectors do to enable Asia to achieve the green transition? This plenary session aims to stimulate the discussion from multi-sectoral perspectives, as high-quality development is no longer possible without effective climate action and readiness to transition to a net zero with necessary collective action.

Moderator

◆ Yothin JINJARAK

Senior Economist, PRC Resident Mission, East Asia Department, ADB

Presentation and Panel Discussion

◆ Dan Brian MILLISON

Senior Energy Consultant, Sector Group, ADB

◆ David Anthony RAITZER

Senior Economist, Economic Research and Development Impacts
Department, ADB

◆ TAN Xianchun

Deputy Director, Researcher and Doctoral Supervisor, Carbon Neutral Strategy
Research Center, Institute of Strategic Consulting of Science and Technology,
Chinese Academy of Sciences

◆ TU Ruihe

Head, China Office, United Nations Environment Programme (UNEP)

◆ XU Hao

Vice President, Tencent SSV

15:00–15:20 **Tea Break**

15:20–16:00 Dialogue of a Tale of Two Cities Towards Low-Carbon Development

Xiangjiang Hall, 2nd Floor

This Fireside Chat dialogue unfolds as two city mayors navigate the complexities and triumphs of orchestrating a green and sustainable transition within their respective urban realms. Pivoting around vital themes of green infrastructure, sustainable urban planning, and a just transition that prioritizes equitable societal progression, they unravel their localized strategies and initiatives. They delve into holistic endeavors, embedding the principles of sustainability in public transport, urban forestry, and inclusive green economic growth. The dialogue not only highlights the practicalities of transformative urban leadership but also accentuates the profound impact of embedding sustainability and just transition principles in city governance, demonstrating a resilient pathway towards mitigating climate change.

Moderator

◆ **ZHOU Aiming**

Deputy Country Director, PRC Resident Mission, East Asia Department, ADB

Dialoguer

◆ **HU Hebo**

Mayor, Xiangtan Municipal People's Government, Hunan Province

◆ **Dato' Haji Mohd Noorazam bin Dato' Haji OSMAN**

Mayor, Johor Bahru City, Malaysia (live)

16:00–17:30 Closing Ceremony

Xiangjiang Hall, 2nd Floor

Moderator

◆ **ZHANG Zaifeng**

Level 1 Bureau Rank Official, Ecology and Environment Department of Hunan

Signing Ceremony

◆ Signing between Hunan Association of Environment Protection Industry and Tencent Carbon Neutrality Lab

◆ Signing between China Carbon Emissions Registration and Clearing Co., Ltd. and Hunan United Property Right Exchange Ltd.

Closing Remarks

◆ **Safdar PARVEZ**

Country Director, PRC Resident Mission, East Asia Department, ADB

◆ **LIU Wenjie**

Director General, Hunan Provincial Department of Finance, PRC

◆ **LIU Qun**

Director General, Ecology and Environment Department of Hunan, PRC

Closing Performance by Hunan Little Lotus Sprout Art Chorus

Registration Information

Please register to attend the Forum. Once approved, you will receive an SMS/email registration confirmation and the forum e-ticket (barcode).

TIME

Before 18:00, 20 October (online registration)



Please scan the QR Code for registration

VENUE

Registration Desk, 1st Floor, Steigenberger Hotel Changsha

NO.9, Xueyuan Road, Changsha County, Changsha, Hunan

9:00-22:00, 19 October

8:00-22:00, 20 October

8:00-12:00, 21 October

Registration Desk, 1st Floor, Changsha International Conference Center

NO.108, Guozhan Road, Changsha County, Changsha, Hunan

8:00-18:00, 20 October

8:00-12:00, 21 October

CONTACT INFORMATION

Forum

HU Jing

Hunan Innovative Low-Carbon Center

Mobile: +86 139 7311 0590

Transportation

YANG Shurui

Hunan Innovative Low-Carbon Center

Mobile: +86 185 0843 6603

Hotel

TANG Sangui

Steigenberger Hotel Changsha

Mobile: +86 186 8487 9939

HOTEL LOCATION



ONLINE FORUM

The forum will be live-streamed, please scan the right code to watch.



IV Logistics and Reminder

- 1. Please read this Handbook and attend the session on time. If you need help, please contact with our onsite staff. Please pay close attention to notice boards at the venue for schedule changes and additional activities.
- 2. To ensure order and safety, all participants are required to wear the participant badge to access the venue. Please cooperate with security check and arrive at the venue 5 minutes before the event.
- 3. Smoking is prohibited at the venue. Please be mindful of excessive noise, mute your devices, and take care of your belongings.
- 4. Please present your badge to dine at the designated restaurant.

Date	Dining	Time	Venue
19 October	Buffet Dinner	18:00-20:00	BelaBela, 1st Floor, Steigenberger Hotel Changsha
20 October	Buffet Lunch	12:30-14:00	Xiangjiang Hall, 2nd Floor, Changsha International Conference Center
	Dinner	18:00-20:00	
21 October	Buffet Lunch	12:30-14:00	
21 October	Buffet Dinner	18:00-20:00	BelaBela, 1st Floor, Steigenberger Hotel Changsha

Dear Participants

Welcome to Changsha, Hunan, and to the 2023 Asia-Pacific Forum on Green and Low-Carbon Development. To ensure a smooth event, please pay attention to the following information:

Weather Forecast for Changsha from 20 October to 22 October

Date	Weather	Temperature
20 October	Cloudy	13°C-22°C
21 October	Cloudy	12°C-22°C
22 October	Cloudy	14°C-23°C

For reference only

Currency Exchanges

The Currency Exchange Counter locates at Gate 4, Departures Level, Terminal 2. You can call service line **86-189 324 11114** for more details.

Travel Adapters

Please note plug types A and I can be used. Plug type A is the plug which has two flat parallel pins, and plug type I is the plug which has three flat pins in a triangular pattern. China operates on a 220V supply voltage with a frequency of 50Hz.



type A



type I

Forum website:
www.aplcforum.com



Changsha International Conference Center Layout

2nd Floor



Xiangjiang Hall

Opening Ceremony, Plenary Sessions1-2, Dialogue of Twin Cities Toward Low-Carbon Development, Closing Ceremony

- Lunch buffet will be at Xiangjiang Hall 1.
- Dinner on the 20th will be at Xiangjiang Hall 2&3

1st Floor



Multifunction hall 01

Parallel Session 2, 5, 8, 11



Multifunction hall 02

EAF session A, B, C



Multifunction hall 04

Parallel Session 3, 6, 9, 12

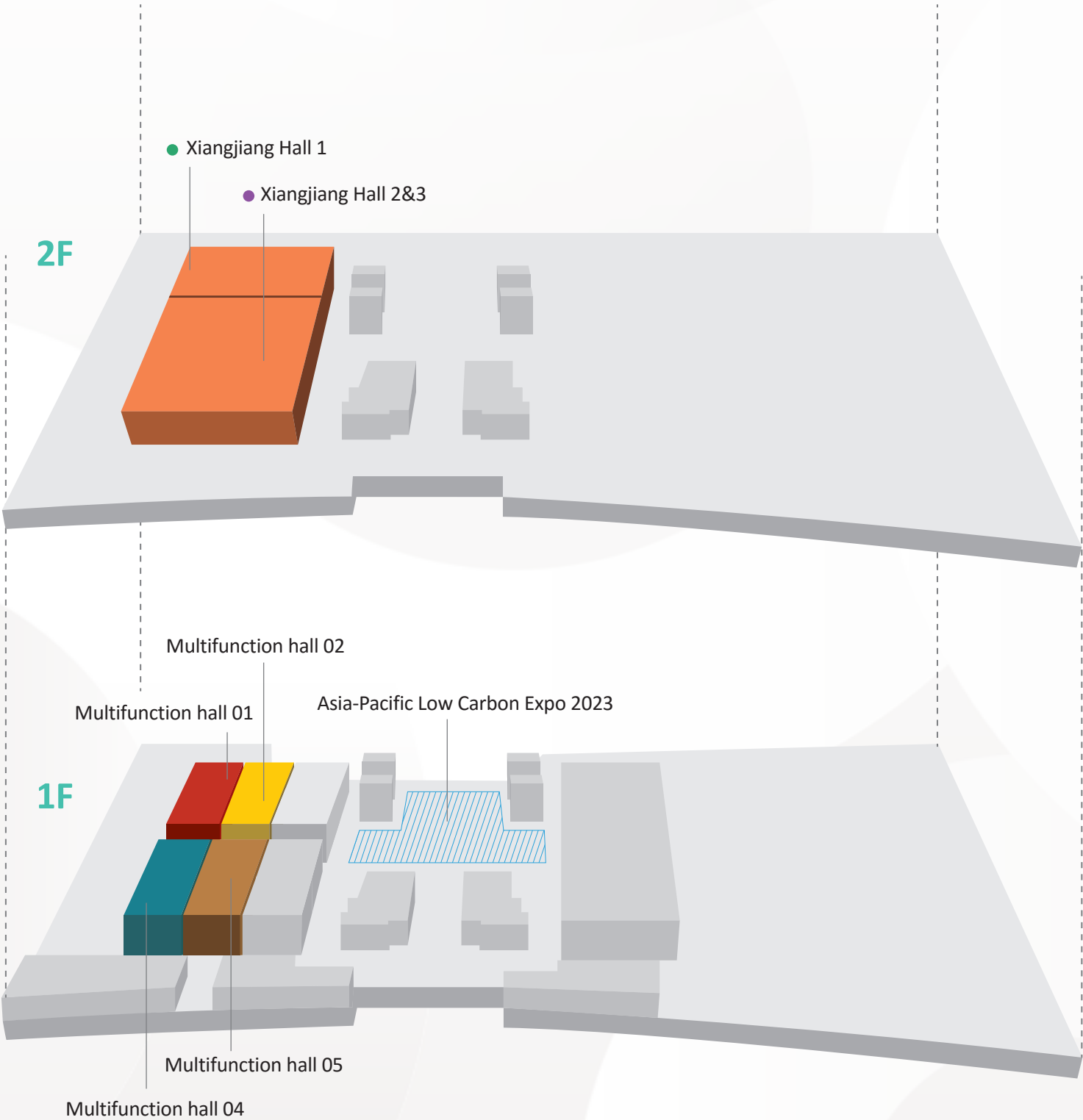


Multifunction hall 05

Parallel Session 1, 4, 7, 10



Asia-Pacific Low Carbon Expo 2023



V About the Forum



BACKGROUND

In September 2015, Takehiko Nakao, the then President of the Asian Development Bank (ADB), was invited to visit Hunan and witnessed the signing of the Memorandum of Understanding (MoU) on Cooperation to Promote Climate Technology Development and Deployment between ADB and Hunan Province. This was the first MOU signed between ADB and a Chinese provincial government, which embarks on a new journey of diversified and pragmatic cooperation between the two sides in low-carbon development. According to the MoU, both sides agreed to co-host the Asia-Pacific Summit on Low Carbon Technology.

The Forum has successfully been organized for six years since 2016 gradually becoming a flagship event in the space of low-carbon technology in China and even Asia-Pacific. This has boosted investment and cooperation in low-carbon technology, and strengthened exchanges among Asia-Pacific countries. Following the 2018 Forum, President Takehiko Nakao wrote to the former Hunan Governor Xu Dazhe commending the Forum for advancing cooperation between the two sides in environmental protection, addressing climate change, and influencing policy dialogue in the Asia-Pacific region.

Since 2019, Hunan Department of Ecology and Environment Department has replaced Hunan Development and Reform Commission as hosts of the Forum together with ADB. In 2019, the Forum was officially renamed "Asia-Pacific Forum on Green and Low-Carbon Development", which is more in line with the new development philosophy of innovation, coordination, green, open, and mutually beneficial.

In 2020, the People's Government of Hunan Province and the Ministry of Ecology and Environment signed the Agreement on Strengthening Cooperation to Support High-level Ecology and Environment Protection to Promote High-quality Economic Development, in which both sides agreed to upgrade the Forum into a high-level international platform that addresses climate change. In 2021, ADB and Hunan Department of Ecology and Environment signed the Memorandum of Understanding on Cooperation to Promote Green and Low Carbon Development, to share leading green and low-carbon technologies through the joint-hosting of the Forum every year. In the future, the Forum will showcase Chinese advanced practices, and further enhance knowledge dissemination and sharing on low carbon solutions and technologies.



THEME

With the theme of Transition and Innovation: Sharing New Opportunities, Promoting New Development, this year's Forum will include an opening ceremony, two plenary sessions, twelve parallel sessions, a dialogue between mayors and a closing ceremony.

The forum expects officials, experts and participants from government departments, international multilateral institutions, academe, and enterprises. High-level experts will share their knowledge to address climate change on topics, such as, climate change policies in Asia-Pacific region; carbon pricing; emerging mitigation and adaptation technologies; digitalization for green development; strategies and paths for carbon neutrality in regions; trade, investment and climate change in Asia and the Pacific; public private partnership for green and low-carbon development; innovative financing mechanisms for climate change; and ADB projects in the PRC that promote sustainable development.

The 2023 Forum will be held both online and offline, with live streaming in Chinese and English.



ORGANIZATIONS

Guided by

People's Government of Hunan Province

Hosted by

Ecology and Environment Department of Hunan

Hunan Provincial Department of Finance

Asian Development Bank

National Center for Climate Change Strategy and International Cooperation

Organized by

ADB-PRC Regional Knowledge Sharing Initiative (RKSI)

Hunan Innovative Low Carbon Center

Supported by

Broad Group

Carbon Dioxide Peaking and Carbon Neutrality Committee of Chinese Society
For Environmental Sciences

Changsha Municipal People's Government

Climate Investment and Finance Association, Chinese Society for Environmental Sciences

Energy Foundation China

Hunan Chasing Financial Holdings Group Co., Ltd.

Institute of Climate Change and Sustainable Development, Tsinghua University

Tencent Research Institute

Tencent Sustainable Social Value Organization

(in alphabetical order)



VI Appendix: Speakers Information



OPENING CEREMONY



CHEN Shixin

Vice President, Asian Development Bank (ADB)

Mr. Shixin Chen is the Vice-President (South, Central and West Asia) of the Asian Development Bank (ADB). He is responsible for operations in the South Asia Department and the Central and West Asia Department. Prior to joining ADB, Mr. Chen headed the Department of International Economic and Financial Cooperation at the Ministry of Finance of the People's Republic of China (PRC). Mr. Chen held senior positions in the Ministry of Finance of PRC, overseeing areas of public finance and partnerships with multilateral development banks. He was a Board Director in the ADB's Trust Fund Credit Guarantee and Investment Facility from 2012 to 2014. He was World Bank's Executive Director for the PRC from 2013 to 2016 and a Board Director for the PRC in the New Development Bank and the Asian Infrastructure Investment Bank from 2016 to 2018.



WU Yingming

Chairman of the Board of Supervisors, Contemporary Amperex Technology (CATL)

Mr. Wu Yingming, born in 1967, earned his bachelor's degree in the Northeast Institute of Technology. From 2006 to 2012, he served as the Director of Sourcing and IT of Amperex Technology Limited (ATL). From February 2012 to November 2015, he served as the Director of Sourcing and IT of ATL. From December 2015 to May 2017, he served as the Director of Sourcing and IT of CATL. From June 2017 to present, he has served as the General Manager of Jiangsu CATL. He also serves as the General Manager of United Auto Battery Co. Ltd (UABC) and the Executive Director and General Manager of CATL Supply Chain Management.



Sir Danny ALEXANDER

Vice President for Policy and Strategy, Asian Infrastructure Investment Bank (AIIB)

Since August 2021, Sir Danny drives AIIB's strategic direction, including its sectoral and country priorities, investment strategy and programming, and operating budget. He oversees AIIB's environmental and social policies, other operational policies and their implementation. He also leads on developing the Bank's culture; and on the digital transformation of AIIB. Previously, Sir Danny served as AIIB's Vice President and Corporate Secretary since joining the Bank in February 2016. He was responsible for governance and the Bank's relations with its shareholders, Board of Governors, and Board of Directors. Before this, he was Chief Secretary to the Treasury of the United Kingdom and was one of the leaders of UK's coalition government between 2010 and 2015. He holds a BA in philosophy, politics and economics from the University of Oxford and is an honorary fellow of St Anne's College, Oxford. Sir Danny is a Distinguished Visiting Professor at Tsinghua University (School of Public Policy and Management).



ZHANG Wenjian

Assistant Secretary-General

Dr. Wenjian Zhang has served as Assistant Secretary-General since 2016. Previous to that, Dr. Zhang was the Director of the WMO Observing and Information Systems Department and the WMO Space Programme.

Prior to this, Dr. Zhang served as the Deputy Administrator of China Meteorological Administration (CMA) from 2006 to 2008; Director-General of Observing and Information Systems Department of CMA from 2004 to 2006; and Director-General of National Satellite Meteorological Centre of China (CMA) from 1998 to 2004. During his tenure at CMA, he supported strategic studies and plans for the modernization of China's meteorology. He led the effort to develop the 10-year (2000-2010) Plan of the Chinese Meteorological Satellite Programme and oversaw its implementation, including the development and operations of FY-2 (geostationary) and FY-3 (polar-orbiting) satellites, under the overall supervision of CMA and with support from the Chinese Government.

Dr. Zhang majored in satellite meteorology in 1986, obtained a Master of Science (MSc) from the Chinese Academy of Meteorological Sciences in 1989 and a doctorate degree (PhD) from Peking University in 1993.

Dr. Zhang commenced his duties as Assistant Secretary-General on 1 September 2016.



XU Huaqing

Director of National Center for Climate Change Strategy and International Cooperation (NCSC)

Mr. Xu earned his bachelor's degree in thermal engineering at Harbin Institute of Technology and his master's degree in environmental engineering at Tsinghua University. From 2003 to 2011, he was a research fellow and assistant to the director of the Energy Research Institute (ERI) of the National Development and Reform Commission and Director of the Energy Environment and Climate Change Research Center of ERI. From December 2011 to January 2018, he was the Deputy Director of the National Center for Climate Change Strategy and International Cooperation, and in January 2018, he became the Director.

He has presided over the research projects of "China's National Climate Change Research Plan" and the national key basic research development plan of the Ministry of Science and Technology, "Objective, Implementation Path and Supporting System of China's Greenhouse Gas Control in 2020". In 1997, he was recommended as the lead author of the IPCC Third Assessment Report and was awarded for his contribution to the IPCC in winning the 2007 Nobel Peace Prize as the review editor of the Fourth Assessment Report. Since 2000, he has been engaging in the negotiations and expert group work of the Chinese Delegation for Climate Change Negotiations.



LI Yang

Academician, Chinese Academy of Engineering

He is a geology and engineering expert in oil and gas field development and has long been engaged in the research of basic theory and key technologies of oil and gas field development. In recent years, he has dedicated himself to CCUS (Carbon Capture, Utilization, and Storage) technology and its industrialization, and has achieved significant research advancements. In particular, he spearheaded China's inaugural million-ton CCUS project — the Qilu Petrochemical-Shengli Oilfield CCUS Demonstration Project.



LI Zheng

President of the Institute of Climate Change and Sustainable Development (ICCS), Tsinghua University

Mr. Li is a Professor in the Department of Energy and Power Engineering at Tsinghua University and a Changjiang Scholar. He serves as the Head of the Laboratory of Low-Carbon Energy, Tsinghua University, and the Secretary General of Global Alliance of Universities on Climate (GAUC). Professor Li has long been engaged in a spectrum of research encompassing energy system analysis, low-carbon development, climate change policy, thermodynamic equipment and system mathematical modelling and simulation, as well as the optimization and fault diagnosis technologies for thermal power plants and distributed energy systems.



TAN Su Jie

Apac Tsinghua Ceo Cci Bhd Scholar, Tsinghua University

Tan Sujie, from Malaysia, is presently pursuing a degree in International Relations as an undergraduate student at Tsinghua University. A profound ardor for international affairs and sustainable development has driven her to arrange and oversee the THU-UNIGE-NUS Southeast Asia SDG Innovation Bootcamp in Bali. Furthermore, Sujie's concentrated focus on China-ASEAN affairs has motivated active involvement in events such as the Special ASEAN Foundation Model Meeting Plus China 2023. Besides, she is honored to hold the position of a core member within the Tsinghua University China ASEAN Association. She collaborates closely with a dedicated team to cultivate significant exchanges and foster cooperation between China and the ASEAN nations.



Robert STOWE

Executive Director, the Harvard Environmental Economics Program, Harvard Kennedy School

Robert C. Stowe is Executive Director of the Harvard Initiative on Reducing Global Methane Emissions – a three-year program supported by the Salata Institute for Climate and Sustainability at Harvard University. He is also Co-Director of the Harvard Project on Climate Agreements (Harvard Project) and Executive Director of the Harvard Environmental Economics Program (HEEP), both Harvard-wide initiatives based in Harvard Kennedy School (HKS). Dr. Stowe has participated, through the Harvard Project, in thirteen annual Conferences of the Parties (COPs) of the U.N. Framework Convention on Climate Change. He was a Contributing Author to – and managing editor of – a chapter on international cooperation in the Intergovernmental Panel on Climate Change Fifth Assessment Report. With the HEEP and Harvard Project team, Dr. Stowe has designed agendas for, co-organized, and at times co-moderated 28 research workshops and policy roundtables on climate change and energy policy since 2008 (not including panels organized at each of the above-noted COPs). Topics include China’s national emissions trading system (several workshops with various partners in China), Guangdong Province’s emissions trading system, cooperation in East Asia on climate-change policy, subnational climate change policy in India, the elaboration and implementation of the Paris Agreement, barriers to the adoption of energy-efficiency technology, and the governance of solar geoengineering. Dr. Stowe has co-edited, with Robert Stavins (HKS), five volumes of expert briefs based on some of these research workshops. Dr. Stowe is a consultant to the Article 6 Support Facility of the Asian Development Bank. He was previously a member of the Advisory Committee to the Sustainable Partnership for Rooftop Solar Acceleration in Bharat (SUPRABHA) – an initiative of the Indian Ministry of New and Renewable Energy, the World Bank, and the Bank of India – and a member of the World Bank’s Technical Expert Group for Supporting Article 6 Work. He has taught courses on climate-change policy at HKS and co-designs the curriculum for HKS executive-education programs on climate-change and energy policy. Dr. Stowe holds a Ph.D. in political science from the Massachusetts Institute of Technology and a B.A. in physics from Harvard College.



WANG Zhongjing

CEO, Multilateral Cooperation Center for Development Finance

Mr. Zhongjing Wang is the inaugural Chief Executive Officer of the Multilateral Cooperation Center for Development Finance (MCDF). He is dedicated to the innovation of development financing, pioneering application of the Clean Development Mechanism to China to reduce CO2 emissions, and initiating MCDF to promote sustainable cross-border infrastructure. Previously, he was Director-General of the Center for Evaluation of the World Bank Loan Projects in the Chinese Ministry of Finance. He has also served on the board and council of international organizations including the ADB, NDB, IFAD, Adaptation Fund, GIF and GIF. He holds an MPA from Harvard Kennedy School.



ZHANG Yue

President of Broad Group (TBC)

Zhang Yue was born in Changsha in 1960. He graduated with a college degree in fine arts in 1980 and worked as a teacher and a librarian. In 1988, Zhang Yue and his younger brother founded BROAD with RMB30,000. Ever since its inception, Zhang Yue has spent 90% of his time on technologies, leading the research & development of all Group products. He has obtained well over 466 patents for his inventions. For example, the pressure-free hot water boiler in 1989, the non-electric air conditioning in 1992, the cooling, heating, and power (CHP) system in 1999, electrostatic air purification technology in 2005, clean fresh air technology in 2007, the factory-made steel structure sustainable building in 2009, the core tubular stainless steel slab in 2017 and the all-metal wind power technology in 2022. Each of his inventions has revolutionized the industry, making BROAD a globally recognized technological



Yothin JINJARAK

Senior Economist, PRC Resident Mission, East Asia Department, ADB

Yothin Jinjarak is a senior economist at the ADB's PRC resident mission, responsible for monitoring and analyzing the PRC's economy with other team members in the Beijing office. Previously, Yothin was in the ADB research department in Manila. He had work experience in academia and multilateral organizations, including in New Zealand, the United Kingdom, Singapore, and the US, and worked for the Asian Development Bank Institute in Tokyo. He obtained his postgraduate degree from the University of California, Santa Cruz, in the United States.



David Anthony RAITZER

Senior Economist, Economic Research and Development Impacts Department, ADB

David A. Raitzer is an Economist in the Economic Research and Development Impact Department of ADB. His research over two decades has focused on the economics of climate change, impact evaluation of development interventions, and policy analysis related to the environment, natural resources, agriculture, social protection, and human capital across much of developing Asia. Prior to ADB, he worked at the International Rice Research Institute, Center for International Forestry Research, and the Consultative Group on International Agricultural Research.



Dan Brian MILLISON

Senior Energy Consultant, Sector Group, ADB

Dan Millison has 35+ years professional experience including 20+ years working on clean energy and climate change financing. He is the founder of Planet Sea, LLC, a consultancy specializing in regenerative solutions for the new ocean economy (NOE). From 2002 – 2007 he worked in Asian Development Bank (ADB) energy and transport lending operations. Since 2009, Dan has helped mobilize more than US\$ 10 billion total investment in grid expansion and efficiency improvements; energy storage, renewable energy micro-grids, geothermal, rooftop and floating solar; and sustainable transport. These investments include more than \$1 billion in co-financing from dedicated climate change funds.



TAN Xianchun

Deputy Director, Researcher and Doctoral Supervisor, Carbon Neutral Strategy Research Center, Institute of Strategic Consulting of Science and Technology, Chinese Academy of Sciences

Research Fellow at the Institute of Policy and Management, Deputy Director, Research Fellow, and Ph.D. Supervisor at the Carbon Neutrality Strategy Research Center, Science and Technology Strategy Consulting Institute, Chinese Academy of Sciences (CAS), Visiting Scholar at Harvard Kennedy School, and Lead Author of the sixth IPCC assessment report. Dr. Tan has extensive consulting experience in global climate governance, green and low-carbon development strategies, planning, and policies, climate investment and finance, and transition finance. She has led over 50 major decision-making and consulting projects at the national and provincial levels, including those for the Asian Development Bank (ADB), the National Key R&D Program of the Ministry of Science and Technology, the National Development and Reform Commission (NDRC), and the Ministry of Ecology and Environment (MEE).



TU Ruihe
Head of China Office, UNEP

Mr. TU Ruihe joined the United Nations Environment Programme (UNEP) in January 2018 as the Head of the UNEP China Office. He is also serving as the Chair of the UN Thematic Group on Climate Change and Environment in China.

With more than 30 years of experience in the field of environment and sustainable development, Mr. Tu has rich experience in bilateral, regional and multilateral international cooperation affairs. Prior to the current position, he served as the Deputy Director of the International Cooperation Department of the Ministry of Environmental Protection of China, during which he served as the main negotiator in the process of the international environmental governance system for work related to multilateral environmental agreements. From 2008 to 2011, he served as the Deputy Director of the Xinjiang Environmental Protection Department. He was also invited to be a member of the Sustainability Consulting and Advisory Committee for the 2022 Beijing Olympic Winter Games, a special expert for the Green Asian Games at the Hangzhou 2022 Asian Games, and a member of the "Beautiful China Forum 100".

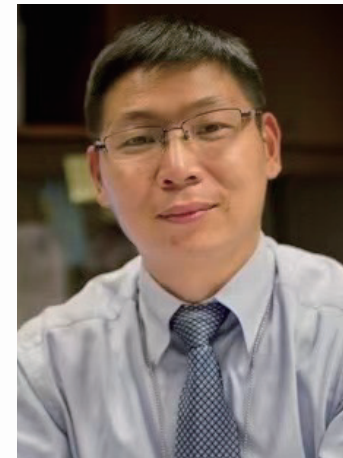
He holds a Bachelor's degree in physics and a Master's degree in engineering.



XU Hao
Vice President, Tencent SSV

Hao Xu is currently working with Tencent as its Vice President, Sustainable Social Value (SSV). Hao leads Tencent's overall carbon neutrality strategy and its newly founded carbon neutrality lab in SSV, focusing on areas such as driving Tencent's carbon neutrality agenda, exploring digital enabled emission reduction solutions, supporting low carbon technologies and promoting sustainable lifestyle among consumers.

Prior to Tencent, Hao is a partner of McKinsey & Co, leading its sustainability practice in Greater China, South East Asia and India. He also worked with public institutions such as the World Economic Forum and UK government. Hao obtained his undergraduate degree from School of the Environment, Nanjing University, and also holds an MSc in Environmental Engineering from University of Nottingham, and a PhD in Civil Engineering from University of Sheffield.



ZHOU Aiming
Deputy Country Director, PRC Resident Mission, East Asia Department, ADB

Aiming Zhou currently is the Deputy Country Director in the PRC Resident mission since April 2023. He was the Senior Advisor to the Vice President (Operations 1) at Asian Development Bank (ADB) from January 2020 to April 2023. He supported VP for operations in the South Asia Department and the Central and West Asia Department and committed to achieving a prosperous, inclusive, resilient, and sustainable regions.

He was a Principal Energy Specialist and a Senior Energy Specialist in Energy Division of South Asia Regional Department (SAEN) of ADB from 2016 to 2019. Before joining SAEN, he was a Senior Energy Specialist (2013-2015) and an Energy Specialist (2009-2012) in Sustainable Development and Climate Change Department, where he oversaw ADB's clean energy activities, coordinated ADB's efforts in clean energy development, climate change mitigation and provided technical support to ADB's energy related operations in low carbon development. From 2011-2015, Aiming Zhou served as the chairperson of Asia Clean Energy Forum.

Prior to joining ADB in 2009, he worked with Alliance to Save Energy (2008-2009), University of Delaware (1999-2008) in the United States and Energy Research Institute of National Development and Reform Commission in People's Republic of China (1997-1999). He received a Doctoral degree in Energy and Environmental Policies from University of Delaware. He also holds Master degree in System Engineering (Economics) from Tsinghua University, and Bachelor degree in Energy Engineering from University of Science & Technology Beijing.



HU Hebo

Mayor of Xiangtan Municipal
People's Government,
Hunan Province

Born in May 1972, Mr. HU Hebo serves as the Deputy Secretary of CPC Xiangtan Municipal Committee, and Secretary of the Party Leadership Group and Mayor of Xiangtan Municipal People's Government.



**Dato' Haji Mohd
Noorazam bin
Dato' Haji OSMAN**

Mayor, Johor Bahru City, Malaysia

With 30 years of experience serving as Administrative Officer with the Johor Civil Service, Dato' Haji Mohd Noorazam bin Dato' Haji Osman is currently the 13th Mayor of Johor Bahru.

He started his career as an Assistant Land Administrator at the Land Office of Johor Bahru in 1991 before serving as the Private Secretary to The Chief Minister of Johor in 1995. Later in the year 2000, he was then appointed as the Assistant Director (Privatization) at the Planning Unit of Johor before being promoted to Chief Assistant Director in 2004 and again promoted to the post of Deputy Director in the same year.

After more than 13 years serving at the Planning Unit of Johor, he then moved to Kota Tinggi, Johor to start his stint as District Officer of Kota Tinggi in 2013 and afterward as District Officer of Muar in 2017. On November 2017, he joined the SUKMA Johor Secretariat as the Chief Executive Officer before being appointed by the State Government as the Chief Executive Officer of Kumpulan Prasarana Rakyat Johor (KPRJ), a State Government-linked company, which is the last post he held before he started his tenure as the Mayor of Johor Bahru in 2021.

Dato' Haji Mohd. Noorazam has completed Bachelor of Arts (Hons) in Government and Public Policy from Newcastle Upon Tyne Polytechnic, United Kingdom.



Safdar PARVEZ

Country Director, PRC Resident
Mission, East Asia Department,
ADB

Safdar Parvez 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. Safdar is a senior economist who has broad experience in the Bank covering strategy and policy development, country programming and operations, economic and sector work, and supporting regional cooperation and project processing and implementation both in headquarters and resident missions. He has been a team leader on a number of strategy reforms and initiatives such as the Midterm Review of ADB Strategy 2020, Approach to Upper Middle-Income Countries, Reform of Country Partnership Strategy Business Process, and was a member of the team which prepared the ADB Strategy 2030. In his role as Advisor at the East Asia Department, Safdar was responsible for quality control and knowledge management, and supported the Director General in managing the overall affairs of the department. As Country Director, Safdar oversees the entire ambit of ADB's operations in PRC and is responsible for managing the country relationships, overseeing knowledge work, and supervising the work of the resident mission staff.

Safdar holds an MPhil degree in Economics from Cambridge University, United Kingdom; a master's degree from Quaid-e-Azam University, Pakistan; and a bachelor's degree in Economics from Government College, Pakistan.

CLOSING CEREMONY



MA Aimin

Deputy Director, National Center for Climate Change Strategy and International Cooperation

Mr. Ma graduated from Peking University in 1985 with a master's degree in economic geography.

1985-1994, Principal Staff Member of the Department of Land Planning and Regional Economy, Land and Resources Bureau under the former State Planning Commission (SPC).

1988-1989, taught at Tangshan Normal University in Hebei Province.

1995-1998, Deputy Director at the Department of Land Planning and Regional Economy.

1996-1997, studied at the University of International Business and Economics (UIBE).

1998-2005, Assistant Research Fellow in the Office of the National Coordination Committee on Climate Change (NCCCC), participated in the negotiations of the United Nations Framework Convention on Climate Change (UNFCCC) and the Intergovernmental Panel on Climate Change (IPCC), organized the compilation of the first National Communication and the National Greenhouse Gas Emissions Inventory, and carried out work on capacity building and international cooperation in response to climate change.

2001-2002, the People's Government of Zhangbei County, Hebei Province.

2005-2008, Second Secretary and First Secretary in the Economic and Commercial Counselor's Office, Chinese Embassy in the U.S., where he engaged in economic diplomacy, including writing research reports on U.S. economic and social development, energy, and environment.

PARALLEL SESSION 1



Akiko Terada-HAGIWARA

Principal Country Specialist, PRC Resident Mission, East Asia Department, ADB

Akiko Terada-Hagiwara is the Head of Economics and Strategy Unit of ADB's operations in the People's Republic of China. She was also at the Economics Research and Development Impact Department contributing to ADB's research agenda. Outside ADB, she held various positions at Institute for Monetary and Economic Studies of the Bank of Japan, Global Insight and the World Bank. Her areas of expertise are in international finance, development economics, macroeconomic policies, knowledge management. She holds Ph.D. in Economics from George Washington University and B.A. from Osaka University.

**CHAI Qimin**

Director for Strategy and Planning in National Center for Climate Change Strategy and International Cooperation (NCSC) and Secretary General of Carbon Peaking and Carbon Neutrality Committee of Chinese Society for Environmental Sciences (CSES)

Director and Researcher of the Strategy and Planning Department at the National Center for Climate Change Strategy and International Cooperation (NCSC), Researcher and Associate Professor of the Research Center for Contemporary Management (RCCM) at Tsinghua University, Deputy Director of the Research Center for Green Finance and Sustainable Development of University of International Business and Economics (UIBE), and Guesting Professor of UIBE and Guizhou Institute of Technology (GIT). Chai is also the Vice Chairman and Secretary General of the Carbon Peaking and Carbon Neutrality Committee of the Chinese Society for Environmental Sciences (CSES), Deputy Secretary General of the Energy Systems Engineering Committee of China Energy Research Society (CERS), member of the Global Commission on Strategy, Contract Researcher of China Carbon Neutrality Forum, and a visiting scholar at Stanford University/Pacific Northwest National Laboratory (PNNL).

As the delegate of the Chinese Delegation to UN Climate Negotiations and the lead author of the Fourth National Assessment Report on Climate Change, he was deeply involved in drafting the Mid-Century Long-Term Low Greenhouse Gas Emission Development Strategy (Carbon Neutrality 2060), Nationally Determined Contribution, the validation of the national carbon peak and carbon neutrality goals, Climate Change Action Plan, and Plan for Greenhouse Gas Emissions Reduction, the carbon peak programs for key areas/local governments/central SOEs, and the negotiation texts for the global stocktake (GST) of the Paris Agreement, etc. He has won the Excellent Research Achievement Awards of the National Development and Reform Commission (NDRC), the Environmental Science & Technology Award, and the Outstanding Achievements Award of Energy Soft Science Research.

**Wee Kean Fong**

Director, Asia-Pacific, Country & Cities Greenhouse Gas Protocol World Resources Institute

Dr. Wee Kean Fong is the Greenhouse Gas Protocol Director for the Asia-Pacific region, who is also leading the government sector works, including greenhouse gas accounting for cities and countries.

Prior to the current role, Dr. Fong served as the Deputy China Country Director of World Resources Institute (WRI) from 2018 to 2023. While overseeing WRI China's programs and core functions, he was managing the Climate and Energy works in the country. Some of his recent works in China include deep decarbonization analyses at both national and subnational levels (provinces and cities) and corporate supply chain decarbonization.

From 2010 to 2017, Dr. Fong was actively involved in driving city climate actions globally. He co-authored the Global Protocol for Community-Scale Greenhouse Gas Emission Inventories (GPC), which is currently the most widely used greenhouse gas accounting standard for cities across the globe. He was also directly engaged with dozens of cities across the continents to support them in greenhouse gas accounting and low-carbon planning.

Prior to that, for more than a decade, Dr. Fong was a consultant for broader sustainable development issues. He participated in numerous studies and technical assistance projects in developing countries in Asia, particularly in South and Southeast Asia.

PARALLEL SESSION 1



Seong-Ho LEE

Head, Department of Renewable Energy, Samarkand International University of Technology

Education:

B.A in Engineering, Seoul National University, 1989
M.A. in Public Administration, Yonsei University 2011
Ph.D. in Energy/Climate Policy, Sejong University 2018

Employment Record:

02.2023-06.2023, Sungkyunkwan University, Director of Renewable Energy Solution Center
09.2019-09.2021, Korea Energy Technology Evaluation and Planning, Senior Expert
09.2018-09.2019, Korea Rural Community Corporation, Senior Expert and adviser
01.2013-12.2016, Jeon Buk National University, Visiting Professor
01. 2009-02.2012, Korea Photovoltaic Industry Association, Executive Vice President
09. 2004-11.2008, Korea Energy Agency, Head of New & Renewable Energy Center



PAN Tao

China Program Director, ISC

Dr. Pan is a high-level expert on urban responses to climate change and has led the study of carbon peak and carbon neutrality for more than ten cities in China in the past five years. He also led the drafting of several monographs, including the Modular Design Guidelines for Urban Carbon Peak Roadmaps and Impact Assessment on Equitable and Inclusive Carbon Peak and Carbon Neutrality. He served as ISC's China Urban Program Director for the U.S.-China Partnership for Climate Action (PCA), a technical advisor for the Clinton Climate Initiative (C40-CCI) and the German Technical Cooperation (GTZ) Eco-City planning and management program.

PARALLEL SESSION 2



Virender K. DUGGAL

Principal Climate Change Specialist, Climate Change and Sustainable Development Department, ADB

Mr. Duggal leads ADB's work to support its developing member countries (DMC) use carbon pricing instruments as part of their broader climate policy architecture to achieve nationally determined contributions (NDCs) and contribute to meeting Paris Agreement goals. He spearheads ADB's trust funds that mobilize carbon finance to incentivize investments in low carbon technologies through bilateral and international carbon markets. He oversees providing technical and capacity-building support to enhance DMCs' ability to develop and optimize domestic, bilateral, and international carbon markets, and, where applicable, integrated markets to scale up their efforts in achieving their NDC targets and raising ambition over time.



CHEN Zhixiang

General Manager of Hubei Hongtai Group and Chair of Carbon Emission Right Registration and Settlement (Wuhan) Company

Ph.D. in Economics, Postdoc in Laws. Mr. Chen served as the Chair of Hubei Carbon Emission Exchange and has long been involved in the design and operations of pilot carbon market systems at both national and sub-national levels. In charge of the design of China's national carbon emission rights registration and settlement system, he spearheads the design of the pilot carbon market system and trading system in Hubei Province. He possesses profound theoretical knowledge and extensive management experience in industrial low-carbon development, enterprise green transformation, and environmental rights investment and financing.

PARALLEL SESSION 2



DING Hui

Director at the Department of Climate Change of the Ministry of Ecology and Environment (MEE)

Doctor of Management. He graduated from the University of Science and Technology of China (USTC) and was a Deputy Director of the Department of Climate Change of the National Development and Reform Commission (NDRC). He has led the drafting and research of policies related to climate change response, climate investment and financing, carbon dioxide capture, utilization and storage (CCUS), Carbon Information Disclosure (CID), carbon labeling, carbon footprint, and low-carbon technologies. He has also led the preparation and publication of the Low-Carbon Technologies Catalog, China Clean Development Mechanism Fund (CDMFUND)-supported projects, and the basic research and capacity building for climate change. He provides guidance to carbon emission-related vocational training and organizes the training, textbook development, and capacity building within the ministry.



Suzi KERR

Senior Vice President and the Chief Economist, Environment Defence Fund

Suzi Kerr is a Senior Vice President and the Chief Economist at Environmental Defense Fund. She was, until May 2019, a Senior Fellow, and from 1998-2009 Founding Director, at Motu Research in New Zealand. She graduated from Harvard University in 1995 with a PhD in Economics. She has also worked at the University of Maryland at College Park, Resources for the Future (USA), and the Joint Center for the Science and Policy of Global Change at MIT. She was a Visiting Professor at Stanford University for the 2009/10 year, and at the University of the Andes in Bogotá, Colombia in the first half of 2014. In 2018, she was President of the Australasian Agricultural and Resource Economics Society. Her research work focuses on domestic and international climate-change mitigation policy with special emphasis on emissions pricing and natural climate solutions. She is the leader of the international 'Climate Action Teams' initiative. She is a member of the Advisory Boards for the Climate Econometrics group at Oxford and the International Emissions Trading Association 'Markets for Natural Climate Solutions' initiative.



QI Jiahong

Director and Assistant to General Manager of China Beijing Green Exchange

He is a major participant in the "Research on the Characteristics, Pathways, and Strategies for Low-Carbon Development" Project funded by the National Natural Science Foundation (NSFC), the "Study on China's Carbon Trading Mechanism" funded by the Development Research Center of the State Council (DRC) and the "Research on Green Trading Technology and Application in the Power Industry" funded by the State Grid Energy Research Institute. Additionally, he is in charge of two projects funded by the Beijing Municipal Bureau of Local Financial Regulation and Supervision: "Research on the Pathways of Beijing's Carbon Market" and "Development of Carbon Futures and Carbon Finance Market in Beijing" and two studies funded by the Asian Development Bank (ADB) on "Beijing Green Finance Development Strategy" and "Market-Based Eco-Compensation Mechanisms in Beijing". He also serves as the deputy head of the expert group for the study of the World Bank's Global Environment Facility (GEF) on "Beijing Carbon Finance Market Promotion Mechanism."

PARALLEL SESSION 3



Pil-Bae Song

Former Senior Advisor, Energy Community of Practice, ADB

Mr. Pil-Bae Song is a senior energy advisor (consultant) of the Asian Development Bank (ADB) with over 40 years of professional experience in the energy sector with global development experience that has a strong focus on Asia and the Pacific region.

Mr. Song built his career at ADB for the past 27 years. While in ADB till his retirement in 2013, Mr. Song held various senior positions in the energy sector including Chair of Energy Committee and Director of Central and West Asia Energy Division. After his retirement, he has undertaken a number of international consulting assignments of ADB in energy efficiency, renewable energy, and energy access across Asia and the Pacific region. Concurrently, he was appointed to several positions including Visiting Professor at the Korea Development Institute School of Public Policy and Management, Senior Advisor at the Korea Energy Agency, and Secretary General of the Asia Solar Energy Forum. He also undertook numerous consulting assignments for the Asian Infrastructure Investment Bank, the World Bank, and the Government of Korea.

PARALLEL SESSION 3



HE Zeyi

Chief Scientist of Changsha Urban Development Group and Honorary Dean of the Urban Development Research Institute

Dr. He, a leading international expert in big data and artificial intelligence. She serves as the Chief Scientist at Changsha Urban Development Group and Honorary Dean at the Urban Development Research Institute. Additionally, she is a Visiting Professor at Zhongnan University of Economics and Law.

Dr. He's pioneering work has shaped the fields of smart cities and digital urban transformation. Under her guidance, Changsha Urban Development Group has set global benchmarks in implementing innovative energy solutions and comprehensive digital strategies, particularly establishing urban micro-energy stations, and achieving comprehensive energy efficiency management in the city.



Visarn LILAVIVAT

Senior Researcher, National Energy Technology Center (ENTEC), Thailand

Dr. Visarn Lilavivat is a senior researcher at the National Energy Technology Center (ENTEC). Within ENTEC, he plays a pivotal role as a member of the Renewable Energy and Energy Efficiency Research Team, Low Carbon Energy Research Group. Dr. Lilavivat's current focus of research lies in the field of Hydrogen fuel cells and Hydrogen production.

He earned his Ph.D. degree in chemical engineering from the University of South Carolina. In addition to this, he pursued a Postdoctoral program at the Department of Chemical Engineering within the same institution, further solidifying his scholarly foundation. During his Postdoctoral studies, Dr. Lilavivat concentrated on Proton Exchange Membrane Fuel Cell (PEMFC) systems, showcasing his dedication to advancing cutting-edge technologies within the energy sector.

Dr. Lilavivat's contributions in the realm of PEM fuel cell and hydrogen production research are particularly noteworthy, as he plays an integral role in the design and operation of these highly innovative and environmentally significant energy systems.

Dr. Lilavivat has extensive experience collaborating with the automotive industry, including General Motors, Ford Motors, and Isuzu Motors. His engagements with these industry leaders have provided him with invaluable insights into the practical applications and potential implementation of Hydrogen technology within the transport sector.



Robin Ren

Advisor, Carbon Engineering

Robin worked at Tesla from 2015 to 2020, where he held various leadership positions including Vice President of Asia Pacific, Vice President of Worldwide Sales and Vice President of Business Development. Robin and his wife Linda started a family foundation in the summer of 2020, focusing on philanthropic work in sustainable environment, education and health. Robin has been advising CE on China for the past year. Robin has dual bachelor's degrees in electrical engineering and physics from the University of Pennsylvania and a master's degree in electrical engineering from Stanford University.



Keshan SAMARASINGHE

Consultant of Asian Development Bank

Keshan Samarasinghe is working as a Consultant to Asian Development Bank and, he is a member of the Future Energy Leaders program in the World Energy Council. He obtained a master's degree in environmental engineering and Management from the Asian Institute of Technology, Thailand and a bachelor's degree from the University of Moratuwa specializing in Chemical and Process Engineering. He was a training engineer at the Sri Lanka Sustainable Energy Authority. He has been involved in different assignments in the energy sector under the Sustainable Development and Climate Change Department and the South Asia Regional Department in ADB. He has worked on project development and implementation such as microgrid, renewable energy project (solar, wind, and waste-to-energy), and energy efficiency. Keshan is a co-author of several publications on renewable energy, policies, and strategies development in regional context covering countries particularly Bangladesh, India, Maldives, Philippines, Sri Lanka, and Thailand.

PARALLEL SESSION 3



TIAN Lili

Deputy General Manager,
Shanghai Shenergy and Shell
New Energy Company Limited

Lili Tian. Master degree. National registered safety engineer. Expert of Shanghai Hydrogen Energy Standardization Technical Committee. She has been worked in the hydrogen energy industry since 2016 and has personally been responsible for the construction and management of 12 hydrogen refueling stations in China and the first low-carbon park in Shanghai for new energy coupled hydrogen energy. Currently working at Shanghai Shenergy. Based on the concept of "3+3" hydrogen energy layout ,it currently has laid out the hydrogen industry chain in Shanghai, Shanxi, Inner Mongolia, Xinjiang and other places: source hydrogen production projects, hydrogen refueling station comprehensive energy station projects, vehicle operation projects, fuel cell enterprise investment projects, hydrogen storage and transportation projects, etc.



YU Hu

Dean of the Carbon Neutrality
Development Research Institute
of China Energy Engineering
Group Hunan Electric Power
Design Institute Co., Ltd., and
director of the Big Data Center
of Hunan Provincial Energy
Planning and Research Center

Yu Hu, Ph.D., Professor of Engineering. Currently, he is the dean of the Carbon Neutrality Development Research Institute of China Energy Engineering Group Hunan Electric Power Design Institute Co., Ltd., and director of the Big Data Center of Hunan Provincial Energy Planning and Research Center. He started working in April 2008. He has long been focusing on energy and power system planning, and low-carbon transformation technology routes for energy and power. In recent years, he has devoted himself to studying carbon peak and carbon neutrality. He has presided over the completion of Hunan Province's "14th Five-Year Plan" energy development plan, Hunan Province's energy carbon peak and carbon neutral implementation path research. He has presided over a number of national, provincial and ministerial-level projects such as provincial and municipal energy and power development plans, energy research topics, feasibility study and access system design of large power supply projects in China, feasibility study of large-scale power transmission and transformation projects. He has won multiple national and provincial outstanding engineering consulting achievement awards.

PARALLEL SESSION 4



LIN Weiwei

Senior Program Officer, Low
Carbon Cities Program, Energy
Foundation China

Ms. Lin is a Senior Program Officer of the Low Carbon Cities Program at Energy Foundation China and now manages its City Implementation Initiative. She has accumulated extensive experience in strategy development and enforcement, project management, budget management, and stakeholder communication and coordination. After spending over 15 years in the field, she has also gained a wide knowledge of low-carbon urbanization, carbon/environmental policy research, strategy design, and pilot implementation, and built up a strong network in local cities, universities, international NGOs, and think tanks. Before joining the foundation in 2011, she was a project manager at the China National Institute of Standardization and the USAID/ECO-Asia Clean Development and Climate Program. Ms. Lin received her MS degree from the Beijing Forestry University in 2005.



JI Lin

Program Director,
Global Environmental Institute

Ms. Lin JI is the Program Director at Global Environmental Institute (GEI). She manages partnerships and oversees GEI's programs on energy and climate change, biodiversity conservation, and responsible trade and investment in China and Southeast Asia. In the field of energy and climate change, she leads technical assistance and collaboration with Myanmar, Indonesia, Vietnam and other countries on renewable energy development planning and low-carbon transition. Prior to joining GEI, Lin worked as a Community Development Specialist in northern Shan State of Myanmar. Lin received an M.A. in international development from the School of International Service at American University.

PARALLEL SESSION 4



LIU Jia

Director of Green Development Research Center of Shanghai

Director of Green Development Research Center of Shanghai Economic Information Center, Technical Director of the Shanghai Carbon Peak and Carbon Neutrality Task Force, and Secretary-General of Shanghai Carbon Neutrality Promotion Center.

She has been involved in designing the Shanghai carbon trading scheme and carbon calculator, formulating dual-carbon policies, and conducting research on low-carbon planning and green development.



LIU Xinyi

Deputy Director, Secretariat of Green Partnership for Industrial Parks in China

Mr. Liu, committed to regional carbon trading pilot work for years since returning to China from the UK in 2012, has organized and executed national-level climate projects, verified key emission sources in Tianjin, and various climate change-related initiatives including greenhouse gas inventories across the country; he also helped set up National Carbon Market Capacity Building Center.

He has engaged in the review of national recycling transformation, led the implementation of the Ministry of Commerce's project of "International Cooperation on Energy Conservation and Environmental Protection in National Economic and Technological Development Zones", CDM projects of National Development and Reform Commission, and research on low-carbon energy funded by the Ministry of Environment and Ecology and other government bodies, and provided carbon-related consulting and services to over 60 industrial parks and hundreds of leading enterprises nationwide.



Peng Zhuojian

HDR's Urban Design Lead Asia

Nelson Zhuojian Peng, AICP, HDR's Urban Design Lead Asia. Mr. Peng's area focus is in large scale urban planning and urban design, he is currently managing the TOD master plan for Keonea station area next to University of Hawaii West Oahu campus, and the Jeddah Renaissance, the largest downtown redevelopment in Jeddah, KSA. Mr. Peng translated <Urbanism in the Age of Climate Change>, a book by renowned planner and founder of TOD. He also participated in the publication of <TOD in China>, <Emerald Cities> funded by the Energy Foundation and <Ending Global Sprawl> funded by the World Bank.



XU Chongqing

Director, Ecology Institute of Shandong Academy of Sciences

XU Chongqing, Director of the Ecology Institute of Shandong Academy of Sciences, and Director of the Carbon Neutrality Technology Innovation Center of the Shandong Province. He is an expert in the think tank of the CPC Shandong Provincial Committee, an Expert Advisor for the Standing Committee of the Shandong Provincial People's Congress, and the chief specialist of green and low-carbon development at the Shandong Development and Reform Commission. Mr. Xu has been engaging in research on green and low-carbon development strategies and policies. In addition, he won many awards such as the first, second, and third prizes for the Shandong Scientific and Technological Progress Award, Excellent Research Achievement Awards of the National Development and Reform Commission, Excellent Research Achievement Awards of the Shandong Provincial Development and Reform Commission, and Shandong Provincial Research Achievement Award of Decision-making Consultancy.

PARALLEL SESSION 4



Vongphet SITHAVONG

Deputy Director, Institute of Natural Resources and Environment, Ministry of Natural Resources and Environment, Lao PDR

My Responsibility

Research appropriate and environmentally friendly technologies in order to promote environmental quality, effective use of natural resources and sustainable production

Research the effects of pollution on the environment and society: air pollution, water and waste, chemical pollutant Turn the plan, program, project of the institution into a detailed task of the department as well as implement it to be highly effective Survey, collect and compile information to serve the ecological and environmental research work and create the institution's database

Leader team Technical review Environment-Social Impact Assessment (ESIA), ESMMP

Work Experiences Record

Technical Assessment Inspection Monitoring for Environment such as: Quality of surface water Ground water, waste water discharged to environment, air Pollution Hazardous chemical Inventory.

Join Team Lao Expert support to development a long Term Low – Emission Develop strategy (LT-LEDs) and Implementation Load map

Team Engineering Project: Demonstration of BAT and BEP for Reduction of U-POPs Emission from Union trolled open Burning of waste response to the Stockholm convention o POPs

Technical Team project: Instructional strengthen on air and noise Quality monitoring and the improvement of resources efficiency and transfer appropriate technology for waste management in SMEs (LEN II)

Leader team Development SOP waste water treatment for SME

Team monitoring Ambient air Quality baseline and Air Quality network

Quality management LAB ISO/IEC 17025:2017

PARALLEL SESSION 5



TIAN Danyu

Deputy Director of the Strategic Planning Department of the National Center for Strategic Research and International

Tian Danyu, female, Deputy Director of the Strategic Planning Department of the National Center for Strategic Research and International Cooperation on Climate Change, researcher, Deputy secretary-general of the Special Committee on Carbon Neutrality of the Chinese Society of Environmental Sciences, Doctor of International Environmental Law from China University of Political Science and Law. She has long been engaged in research on climate change legislation and low-carbon development. She won the title of Excellent Commentator of China Environment News in 2019 and the third prize of excellent research report during the 13th Five-Year Plan period of the Ministry of Ecology and Environment.



DENG Xin

Professor in Hunan Technology and Business

Deng Xin, Doctor of Economics, postdoctoral fellow of Management Science and Engineering, professor in Hunan Technology and Business University, and an adjunct researcher in International Finance Research Center of Shanghai University of Finance and Economics. She worked at China Foreign Affairs University from 2010 to 2018, and a visiting scholar at the Institute for International Economic Policy and Sungkyunkwan University, South Korea. She is focusing on East Asian financial cooperation and regional financial stability. She presided over and participated in a number of relevant national and provincial fund projects, participated in the annual work of "China-ASEAN" think tank, "ASEAN 10+3" Young Leaders Forum, on the subject related published 2 books, 2 textbooks, more than 40 papers, many of which were included by CSSCI and SSCI.



HAN Bin

Director General for Private Sector & Non-Sovereign Guaranteed Transactions Department of the New Development Bank (NDB)

Prior to joining NDB, he served as Deputy Director General of the Department of International Financial Cooperation of the Ministry of Finance and has worked in government organizations such as the former Ministry of Foreign Trade and Economic Cooperation and the PPP Center of the Ministry of Finance for more than 20 years. He has experience in various fields such as financial reform, sovereign debt management and development cooperation. From 2011 to 2014, he was Deputy Executive Director for China at the World Bank Group in Washington.

Mr. Han holds a master's degree in economics from the University of International Business and Economics of China, and an MBA degree from Cranfield University of UK.



Richard LIN

National Vice Chair, Carbon Markets Working Group, European Chamber of Commerce in China

Richard is National Vice Chair of Carbon Markets Working Group, European Chamber of Commerce in China. Richard had years of consultancy experiences in sustainability and supply chain related policies, familiar with the EU Green Deal regulations in relation to GHG, energy, circular economy. He is one of the leading specialists in sustainability policies in China, with exceptional insights on topics such as Carbon Border Adjustment Mechanism (CBAM) and supply chain due diligence. In Oct 2022, Richard joined UNDP's Climate Finance Network conference as a representative from China, giving a speech on carbon markets and CBAM.



Mara TAYAG

Senior Engineer Senior Economics Officer, ADB

MARA CLAIRE TAYAG is a senior economics officer of the Regional Cooperation and Integration Division at ADB's Economic Research and Development Impact Department. She conducts research primarily in the areas of trade integration, cross-border investment, and measures of regional cooperation and integration (RCI). She helps manage the preparation and publication of the Asian Economic Integration Report, ADB's annual flagship publication on the progress of RCI in Asia and the Pacific. She also supervises a team of national consultants that maintains the Asia Regional Integration Center website and databases, and provides support for RCI-related research. Before joining ADB, she was an economist at the San Miguel Corporation, one of the leading holding companies in the Philippines, and research manager at the Wallace Business Forum, a private consulting firm based in Manila. She obtained her masters degree in economics from the University of the Philippines.



ZHANG Liao

Founder & Chairman, Shanghai Jumbo Consulting

As the Chairman of Shanghai Jumbo Consulting, Mr. Zhang has led the company to become a top comprehensive infrastructure consulting firm in China, which offers high-quality consulting services for market-oriented reforms, M&A, financing arrangements, management improvement, and policy design in the infrastructure sector.

Mr. Zhang is a renowned expert in the field of infrastructure investment and financing in China and has extensive consulting experience in areas such as energy, water management, environmental protection, transportation, and regional development. As a designated PPP expert of the Ministry of Finance and the National Development and Reform Commission (NDRC), he has participated in over 100 training sessions organized by the Organization Department of the Communist Party of China (CPC), the Ministry of Finance, NDRC, and provincial and municipal authorities, focusing on PPP, government debts, and fiscal and tax management. In addition, he works in the energy sector, especially industrial restructuring and policy consulting under the dual-carbon goals.

He has provided a variety of consulting services for listed heating companies and projects such as new energy charging stations, urban new energy systems and other services such as inventory compilation, carbon reduction pathway design, carbon asset management, and ESG consulting to governments and energy enterprises.

**CAI Zhisong**

Director of Wind Energy Solutions,
China General Certification

Master's degree from the Norwegian University of Science and Technology. He has been engaged in wind resource analysis, load and control analysis of wind farms for many years. He is currently the complete machine solution director of Beijing Jianheng Certification Center, responsible for the formulation of conventional and customized assessment and testing solutions related to units and wind farms. He is a member of the International Electrotechnical Commission IEC TC88 IEC61400-3-2 floating wind turbine standard writing working group, and participates in the International Energy Agency IEA Wind Task30 unit load simulation verification working group. He has published and participated in the editing of a number of domestic and foreign wind power related papers and white papers. Leading the preparation of the Probability-Based Fatigue Accumulation Method for the Renewable Energy Expert Committee.

**HAN Xiaoli**

General Manager Assistant of
the Certification and Evaluation
Center of China Testing &
Certification International Group
Co.Ltd

Xiaoli Han, General Manager Assistant of the Certification and Evaluation Center of China Testing & Certification International Group Co.Ltd.. Deputy Secretary-General of CSTM(Chinese Society for Testing & Materials, Zhongguancun)/FC95 Committee on Carbon Emission, Secretary of Industrial Water Saving Industry Standardization General Group, Safety and Environmental Protection Expert Member of State-owned Assets Supervision and Administration Commission of the State Council(SASAC), Expert of China Machinery, Metallurgy and Building Materials Workers Technical Association.

Mainly engaged in green and low-carbon, energy-saving and environmental protection and other related fields, presided over a number of green and low-carbon, environmental protection, energy audit, energy-saving certification and clean production related projects, responsible for construction and implementation of following project: "Carbon Peak and Carbon Neutral Public Services in Key Raw Material Industries Platform" the national project, "New Materials (Key Raw Material Industries Carbon Peak, Carbon Neutral) Innovation Consortium" of Beijing Association for Science and Technology, "Multi-source Inorganic Solid Waste Intensive Utilization and Demonstration Project in Typical Urban Clusters in the Middle Reaches of the Yangtze River" of National Key R&D Program, and other scientific projects. Leading the compilation of relevant standards in the green and low-carbon field such as <the General Principles of Green and Low-Carbon Technology Evaluation in the Industrial Sector>, and <the Specifications for the Construction of Basic Database of Raw Materials Industry>.

**HU Shixuan**

Vice President of Wangsu Science
& Technology, General Manager
of Shenzhen Eco-atlas

Mr. Hu has more than 20 years of internet industry experience. Since joining Wangsu in 2018, he has been responsible for Wangsu North China Region, Yunsu Technology and Shenzhen Eco-atlas. He has rich leadership experience in CDN business management, data center construction, and liquid cooling technology development. Now he is leading the high-speed development of Eco-atlas, and has successively launched five major product lines, including cold plate liquid cooling, edge liquid cooling, medium and large data center liquid cooling, container liquid cooling and customized liquid cooling, and has accumulated nearly 100 national inventions and utility model patents in liquid cooling field. Eco-atlas's liquid cooling technology can effectively help the data center industry reduce carbon and save energy, and contribute to the national carbon peaking and carbon neutrality strategy.

**TAN Lulu**

Executive Director, Public &
Government Affairs of CIDi

Ms. Tan specializes in transportation decarbonization strategies and low-carbon pathways for urban transportation under emerging technologies such as intelligent transport and vehicle-road coordination. She has participated in projects related to goal setting, pathway optimization, and policy recommendations for achieving carbon peaking and carbon neutrality in automotive, transportation, and energy sectors in the China EV100 Forum, as well as carbon peaking research in the transportation sector in Hunan Province. In addition, she is a member of the Low Carbon Development Committee of the China Highway & Transportation Society.

Before joining CiDi, Ms. Tan worked at institutions including Standard Chartered, the British Consulate General, and the World Wide Fund for Nature (WWF). She has long been engaging in areas such as climate change and low-carbon development.

PARALLEL SESSION 6



CAI Zhisong

Director of Wind Energy
Solutions, China General
Certification

Master's degree from the Norwegian University of Science and Technology. He has been engaged in wind resource analysis, load and control analysis of wind farms for many years. He is currently the complete machine solution director of Beijing Jianheng Certification Center, responsible for the formulation of conventional and customized assessment and testing solutions related to units and wind farms. He is a member of the International Electrotechnical Commission IEC TC88 IEC61400-3-2 floating wind turbine standard writing working group, and participates in the International Energy Agency IEA Wind Task30 unit load simulation verification working group. He has published and participated in the editing of a number of domestic and foreign wind power related papers and white papers. Leading the preparation of the Probability-Based Fatigue Accumulation Method for the Renewable Energy Expert Committee.

PARALLEL SESSION 7



LU Xuedu

Senior Advisor on Carbon
Neutrality of Tencent Group

Dr. Xuedu Lu is Senior Advisor on Carbon Neutrality of Tencent Group, concurrently member of Climate Investment and Finance Association, Deputy Director of Carbon Neutrality Committee of China Energy Conservation Association, Visiting Professor of Northwest University of China, and Visiting Professor of Beijing University of Foreign Economics and Trade. He has been working on carbon market, climate finance, climate impact and risk assessment and adaptation. He was appointed as Climate Change Advisor and Lead Climate Change Specialist of Asian Development Bank (ADB) during 2010-2022.



HUANG Biao

Principal Investment Specialist,
Private Sector Operations
Department, ADB

Mr. Biao Huang leads Private Sector Financial Institutions Division's debt and equity transactions in the finance sector for East Asia. Mr. Huang has led many FI transactions at ADB, covering different themes such as green transport, renewable energy and energy efficiency, environment protection, MSME finance, microfinance, low-cost affordable housing and healthcare. Mr. Huang Holds a PhD in Economics from University of London and is a CFA Charter holder.

PARALLEL SESSION 7



HUA Nan

Manager, Green Finance
Department, Huzhou Bank

Ms. Hua has been actively contributing to the green finance work at Huzhou Bank for 6 years and has played a significant role in the collaboration between Huzhou Bank and the Asian Development Bank. He serves as the contact person for the UK-China Climate and Environmental Information Disclosure Pilot group at Huzhou Bank. He has also been extensively involved in the development of institutional frameworks and systems, and ESG projects.



DENG Yu

Distinguished Research Fellow of
Shanghai Institution for Finance
and Development

DENG Yu serves as a Distinguished Research Fellow of Shanghai Institution for Finance and Development, a Senior Research Fellow at a large domestic financial institution, and a columnist for Ta Kung Pao, The Economic Observer, China Banking and Insurance News, and FT Chinese. He has published over 200 research and commentary articles in important economic and financial journals such as China Finance, International Finance, Journal of Financial Development Research, Financial Market Research, Fudan Financial Review, Tsinghua Financial Review, PKU Financial Review, The Chinese Banker, China Forex, China Money, Caijing Magazine, Journal of Contemporary Financial Research, Finance Economy, as well as in influential newspapers and media such as Financial Times, China Securities Journal, China Banking and Insurance News, Ta Kung Pao, The Economic Observer, China Business News, Shanghai Securities News, and FT Chinese.



LUI Kanyi

Finance lawyer and a PPP expert
for international projects

Mr. Lv Kangyi has been providing advisory services for project developers/sponsors, governments and investors for more than two decades. He has twice been recognized as an Asia-Pacific Innovative Lawyer by the Financial Times.



Yazyyev MERDAN

Researcher, Chief Economist
Team, Central Asia Regional
Economic Cooperation (CAREC)
Institute

Mr. Merdan is a Research Expert at the Chief Economist Team of the Central Asian Regional Economic Cooperation (CAREC) Institute. He joined the institute in May 2023. Specializing in Public governance, digitalization of government services, and Public-Private Partnerships (PPP) within the CAREC region, Merdan holds a Master of Auditing degree from Nanjing Audit University. Before joining CAREC Institute, he served as a Government Auditor at the Ministry of Finance and Economy of Turkmenistan. He was also a Visiting Lecturer at the Turkmen State Institute of Finance, where he delivered lectures on macroeconomic studies.

PARALLEL SESSION 7



Michael WANG

Senior Director, Head of China Markets – Global Carbon Commodities and Global Markets Macquarie Group

Michael Wang heads Macquarie's China carbon business covering origination, structuring and sales, in both compliance and voluntary markets, utilising the world-class networks of Macquarie's Commodities and Global Markets business group and Global Carbon team. Prior to Macquarie, Michael held various senior positions at Freepoint Commodities, ABN Amro Bank, ING Bank, etc.

Michael's 15-year career has spanned across investment banking, merchant banking, commodities trading and private equity in London, Hong Kong, and Singapore. He has a proven track-record in origination, structuring, advisory and execution of more than USD 18 billion of financings (structured finance, project finance, corporate & syndicated finance, etc.) in EMEA and APAC markets in various sectors in commodities, energy, power, renewables, infrastructure, etc. He also originated structured transactions, physical trade flows and event driven investment opportunities in energy (crude, fuel oil, petrochemicals, etc.) and carbon emissions sectors.

Michael has an MBA degree from University of Cambridge – Judge Business School and a Masters in Finance degree from London Business School.

PARALLEL SESSION 8



Kelly BIRD

Advisor, East Asia Department, ADB

Kelly Bird is a national of New Zealand. As an Adviser in ADB's East Asia Regional Department (EARD), he is responsible for supporting the Director General of EARD in managing the regional department and strategic oversight of country programs and relations and overseeing the East Asia knowledge program. Prior to this position, Kelly was ADB's Country Director for the Philippines from January 2018 to June 2023, and the Director for Public Management, Financial Sector and Trade Division in the Southeast Asia Department from December 2014 to January 2018. He graduated from the Australian National University in 1999 with a PhD in Economics.



Shinichi TSUNODA

General Manager, Sustainable Business Promotion Department, Mizuho Financial Group, Inc

Shinichi Tsunoda, Operating Officer & General Manager, Sustainable Business Promotion Department, Mizuho Financial Group, Inc., and Mizuho Bank, Ltd., he based in Tokyo, is responsible for promotion of sustainable related business. He has over 25 years of experience in corporate finance and advisory in Japan, EMEA and ASEAN regions. Previously he spearheaded Asia Office of Industry Research Department in Singapore focusing in corporate advisory for local corporates in ASEAN region covering topics such as cross border alliance, decarbonization or sustainable supply chain. In 2022, He was appointed as General Manager of newly established Sustainable Business Promotion Department to facilitate sustainable related business in both financial and consulting areas. He holds an M.S. management degree from the Stanford Graduate School of Business, and BEc from the Hitotsubashi University.

**WANG Yao**

Director General, International Institute of Green Finance, Central University of Finance and Economics

Professor Yao Wang is the Director General of International Institute of Green Finance (IIGF), the Deputy Secretary General of Green Finance Committee (GFC) of China Society for Finance and Banking, as well as Expert Advisor of the Green Securities Committee (GSC) of the Securities Association of China. Wang Yao is the Research Fellow at the University of Cambridge Institute for Sustainability Leadership (CISL) and Advisor to the Sustainable Finance Programme at the University of Oxford Smith School of Enterprise and the Environment and the Consultant of the Luxembourg Green Exchange. She was also appointed the Chief

Technical Advisor for BIOFIN China and previously served as the Chief Advisor of Research and Promotion on SDGs Impact Financing for UNDP China. She is also an expert of Asian Development Bank. In 2019 Wang Yao was awarded by Asia Money China Green Finance Awards for the "Outstanding Contribution to Development of Green Finance in China". In 2020, Wang Yao received Special Award of Distinguished Expert from All-China Federation of Returned Overseas Chinese, in 2021 received "CUFE Figure of the Year" Award issued by Central University of Finance and Economics, "Responsibility Pioneer" Award issued by Southern Weekly, and "60 ESG Pioneers Award"-an annual ESG Award for most prominent experts in the field, selected by Shanghai United Media Group.

Prof. Wang worked in investment banks for 7 years, before she became a faculty at Central University of Finance and Economics (CUFE) in 2006. She did her post-doctorate at Bank of Beijing from 2008 to 2010. From 2010 to 2011, she was a postdoctoral fellow at the Department of Economics at Harvard University, and a visiting scholar at the Harvard Environmental Economics Program and the Harvard China Project. Prof. Wang's research interest focuses on Green Economy, Sustainable Finance, Climate Finance and Green Finance. Since 2006, she has published more than 80 papers in renowned industry journals, undertook more than 40 domestic and foreign projects and published 6 monographs, including Carbon Finance: Global Vision and Distribution in China (2010), and Climate Finance (2013) and several other publications and working papers on climate finance and green finance.

**Eugene WONG**

Chief Executive Officer
Sustainable Finance Institute
Asia Limited ("SFIA")

Eugene Wong is the Chief Executive Officer of SFIA, an independent institute established to catalyse ideas on Sustainable Finance at the policy level in ASEAN, as well as propel action in support of those policy ideas. SFIA is the Host of the ASEAN Taxonomy Board.

Eugene was previously the Managing Director, Corporate Finance & Investments of the Securities Commission Malaysia ("SC"). He also oversaw the SC's ASEAN related initiatives and was a Chair of the Deputies of the ASEAN Capital Markets Forum and the Co-Chair of its Sustainable Finance Working Group. In addition, he was a Co-Chair of the ASEAN Working Committee on Capital Market Development. He also served as a member of the Audit Oversight Board in Malaysia and was an Adviser to the Malaysian Accounting Standards Board.

Prior to joining the SC, Eugene held positions in a merchant bank, a stockbroking company and in the corporate finance division of an international accounting firm.

Eugene is a Fellow of Chartered Accountants Australia and New Zealand, Fellow of CPA Australia and a Chartered Accountant of the Malaysian Institute of Accountants. He has an Advanced Diploma in Corporate Finance from The Institute of Chartered Accountants in England & Wales (ICAEW) and holds a B. Comm. from the University of Melbourne.

**LIN Gang**

General Manager, Client and
Credit Management Department,
Export-Import Bank of China

Lin Gang has successively held the posts of General Manager Assistant of the Business Development and Innovation Department, Deputy General Manager of the Capital Operations Department in The Export-Import Bank of China, CEO of China-Eurasian Economic Cooperation Fund, and Deputy General Manager of the Client and Credit Management Department in The Export-Import Bank of China.

Lin Gang has long engaged in the green finance and investment of "the Belt and Road", and has participated in the green finance research organized by the People's Bank of China, the National Development and Reform Commission, the National Energy Administration and other government departments. Lin Gang has provided a lot of proposals for the government departments to formulate and optimize relevant policies.



Stefan RAU

Principal Urban Development Specialist, Sector Group, ADB

The leading ADB's urban planning community of practice and urban development support to the People's Republic of China (PRC).

Mr. Rau is leading ADB's urban planning community of practice and urban development support to the People's Republic of China (PRC). He significantly contributes to ADB wide urban policy and related publications. He supports city cluster coordination, climate change mitigation and adaptation, sponge cities with nature-based solutions, circular economy zero waste cities. He conceptualizes and implements pilot projects for low-carbon climate-resilient healthy and age-friendly city action and management planning to bring out tangible benefits for the globally emerging four-generation urban communities.

As reflective practitioner his publications, policy dialogue and project work focus on strategic urbanization policy and integrated economic and urban development project design and implementation, promoting socially inclusive and environmentally sound livable cities.

Prior to ADB Stefan led teams in international consultant firms on sustainable urban planning, urban design and large building projects in Europe, North America and Asia. He taught and lectured at universities in Germany, the United States, and the PRC. He lectured at universities, published papers, contributed to and organized international planning conferences.

Mr. Rau studied in Stuttgart, Bonn and Chicago with an undergraduate in Mathematics and a Masters in Architecture, Urban Planning. He is licensed urban planner and architect in Germany.



CHAO Qingchen

Director general of National Climate Center, China Meteorological Administration

She has rich experience in climate risk research and climate policy. She serves as the chair of Committee for Climate Change and Low Carbon Development of Chinese Meteorological Society, the member of Expert Committee on National Commission for Disaster Reduction and Member of the National Carbon Neutral Science and Technology Expert Committee. She has been engaged in Chinese delegation of the UNFCCC and IPCC negotiation. She was deeply involved in drafting the China Climate Adaptation Strategy (2035) and the National "14th Five-Year Plan" for Scientific and Technological Innovation in the Field of Ecological Environment. She has presided over more than ten national research projects. She was selected as the professional technical leaders for National Ecological and Environmental Protection and China Meteorological Administration.



FU Fangwei

General Manager, Haiyan Huixiang New Building Materials Technology

Mr. Fu holds a master's degree from Shanghai Jiaotong University. Founded in 2010, Haiyan Huixiang New Building Materials Technology is recognized as an enterprise producing new and unique products using special and sophisticated technologies. The company has jointly developed the high-strength plastic steel composite sheet pile technology mainly used for channel improvement and water environment treatment and formulated the industry standards with top domestic authorities and institutions including Academician (Chinese Academy of Engineering) Wang Hao's team, Shanghai Institute of Three Gorges, State Key Laboratory of Polymer Materials Engineering, Hohai University.



NI Yuanzhi

Shanghai Academy of Environmental Sciences, Senior Engineer

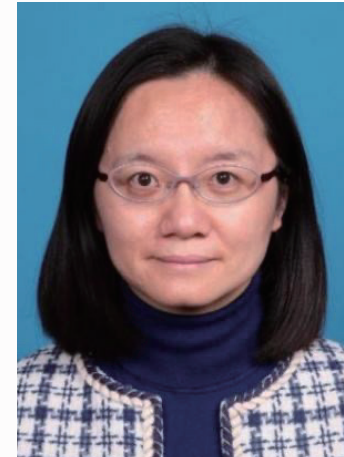
PhD, graduated from Center for Environmental Policy, Imperial College London. Her PhD was fully funded by European Institute of Innovation and Technology, Climate-KIC program. During 2015-2016, she worked as a visiting researcher in Sustainable Grassland team in Rothamsted research center. She joined Shanghai Academy of Environmental Sciences since 2019, her research focuses on sustainable agricultural system and nature-based climate solution.



Ailikun

Senior Engineer, Institute of Tibetan Plateau Research, Chinese Academy of Sciences

Ailikun is a professor in the Institute of Tibetan Plateau Research, Chinese Academy of Sciences. Her research interests include Asian monsoon climatology, global change and regional sustainability, with a focus on interdisciplinary studies between natural and social sciences. Prof. Ailikun has extensive experience in international cooperation. From 2006 to 2015, she was the deputy director and director of the International Program Office (IPO) of the Monsoon Asian Integrated Regional Study (MAIRS), and from 2016 to 2018, she was the director of the IPO of the Third Pole Environment (TPE) program, and from 2019 to 2022, she was the Assistant Executive Director of the Secretariat of the Alliance of International Science Organizations (ANSO).



CHEN Minpeng

Professor, School of Agricultural Economics and Rural Development, Renmin University of China

Ms. Minpeng Chen, Ph. D., is a professor from School of Agricultural Economics and Rural Development, Renmin University of China. She is also the co-chair of Policy and Finance Committee of World Adaptation Science Programme (WASP) since 2018. Her research interests focus on adaptation, simulation of agricultural greenhouse gas emission and mitigation, and sustainability analysis for agriculture. She used to be the co-chair of Adaptation Committee under United Nations Framework Convention on Climate Change (UNFCCC), and a principal negotiator of Chinese delegation, responsible for adaptation, and loss and damage, between 2014 to 2017.

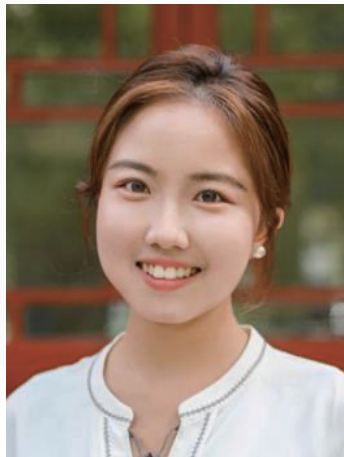


Jinqing Peng

Professor, College of Civil Engineering, Hunan University

Prof. Peng is a professor at Hunan University in China. His research interests include building integrated photovoltaic (BIPV), low-carbon & zero-energy building, building smart energy technologies, etc. Prof. Peng has secured more than 10 competitive research grants as the PI and has published over 150 peer-reviewed publications. He is the youngest Most Cited Chinese Researchers in the building and construction field and was ranked as the World's Top 2% most-cited scientists by Stanford University. In recognition of his work in BIPV, he was awarded the second prize of the Science and Technology Progress Award of the Ministry of Education in 2019 and the Youth Science and Technology Award of Hunan Province. Prof. Peng is also serving on the editorial boards of top international journals, such as Applied Energy, Engineering, etc. In addition, he serves as the Deputy Director of the Solar Building Committee of the China Renewable Energy Society (CRES) and Vice Director of the Key Laboratory of Building Safety and Energy Efficiency of the Ministry of Education, China.

PARALLEL SESSION 10



JIA Ziqun

Yenching Scholar,
Peking University

JIA Ziqun, a Yenching Scholar at Peking University, is pursuing a master's degree in Economics and Management, with a research focus on environmental economics. She specializes in the development of China's carbon market and national emissions trading scheme (ETS). She interned at international organizations such as the World Economic Forum (WEF) and the World Resources Institute (WRI) and engaged in the preparation works of the 2023 Summer Davos Forum and the 2021 United Nations Food Systems Summit. The report authored by her team was once featured in the 6th United Nations China Youth Environment Forum. In addition, she was honored with the title of "Rong Chang Scholar" for global governance talent by Fudan University.



Brendan COLEMAN

Climate Change Specialist,
Climate Change and Sustainable
Development Department, ADB

Brendan Coleman is a climate change specialist with ADB's Climate Change and Sustainable Development Department. Brendan works on ADB's engagement with climate change mitigation with the aim to support the goal to provide \$100 billion of climate finance by 2030.

Brendan has over a decade of experience supporting low-carbon policy and investment projects across Asia, Africa, and Europe. He began his career in the private sector on decarbonization strategy and investment planning for corporations. More recently he has worked for international organizations including ADB, the Global Green Growth Institute, African Development Bank, OECD, and IFC supporting developing countries on low-carbon transition.

Brendan is a UK national. He holds a Masters in Public Policy from University of London and a Masters in Economics and Policy of Energy and Environment from UCL.



Héloïse GARRY

Yenching Scholar at Peking
University

A graduate of Sciences Po and Columbia University, Héloïse Garry has gathered work experience in international development cooperation across Europe, China, and the United States. She hopes to create a positive impact by advocating for cleaner and healthier cities through policy initiatives and storytelling. She is currently a Yenching Scholar at Peking University.



HU Jiaojiao

Founder of Polar Hub

Founder of Polar Hub, Explorer. Jiaojiao Hu focuses on climate change challenges especially in polar regions. She is a mountaineer and team member of Access Water team, which made of 8 women from each continent to amplify the urgency for clean water. She set up the NGO Polar Hub in 2017, which through scientific expeditions & science communication in order to address the climate crisis, glaciers conservation and share nature-based solutions for a sustainable future.

PARALLEL SESSION 10



Eric ROEDER

Technical Specialist on Green Jobs, Climate Action and Resilience, International Labor Organization Asia-Pacific Regional Office

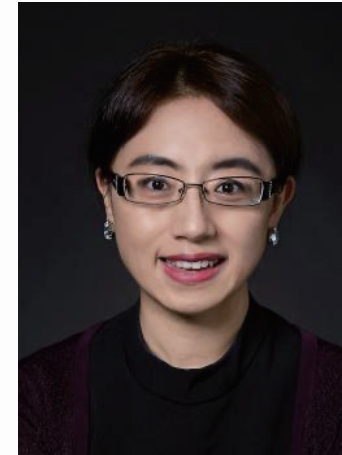
Mr. Eric Roeder boasts two decades of service to the United Nations, specializing in diverse sustainability projects. Notable contributions encompass mitigating dust storms with UNCCD, promoting energy efficiency via UNEP, fostering smart agriculture with UNESCAP, and enhancing rural infrastructure in Laos through ILO. Eric's private sector involvement champions inclusive and self-sustaining growth, exemplified by his initiative linking companies with tsunami monitoring infrastructure. As UNESCAP Network Coordinator, he propelled PPP for resilient infrastructure aligned with SDGs and Paris Agreement. He spearheaded efforts revitalizing the South Aral Sea basin, culminating in a 2023 UN resolution. Eric now thrives as ILO Technical Specialist, focusing on Green Jobs and Just Energy Transitions in ASEAN countries.



WU Xulei

Project Officer, UNFPA China Office

As the Youth Leadership Project Officer at the United Nations Population Fund (UNFPA) China, Ms. Wu Xulei is committed to promoting youth leadership. Prior to joining UNFPA, she has long been engaged in public health and education-related projects with international partners such as Gates Venture, Bill & Melinda Gates Foundation, Global Partnership for Education (GPE), Global Health Strategy, World Health Organization (WHO), Gavi, PATH China, etc. Ms. Wu holds a master's degree in public health from Brown University.



XIAO Na

General Manager, Columbia University Global Center (Beijing)

Helena Na Xiao, General Manager of Columbia Global Centers | Beijing, a part of a global network of eleven global centers of Columbia University in the City of New York. Helena oversees all the programs and operations that involve the Columbia Global Center covering the region, which includes creating a vibrant intellectual and pedagogic community, overseeing program quality and innovation, managing financial and human resources, fundraising, and executing a communication plan to disseminate information about the Center and its activities. She also works on establishing partnerships with Columbia University faculty, schools, and institutes with the goal of establishing teaching, training, research, and programmatic activities in collaboration with counterparts in China and neighboring areas.



XIANG Liurong

Senior student at Mingde High School in Changsha

XIANG Liurong, a 17-year-old senior student at Mingde High School in Changsha City. XIANG once served as President of the Students' Union and is enthusiastic about environmental protection and public welfare. XIANG organized students to carry out environmental research studies and won the first prize of the 4th National Environmental Protection Essay Competition in 2023.

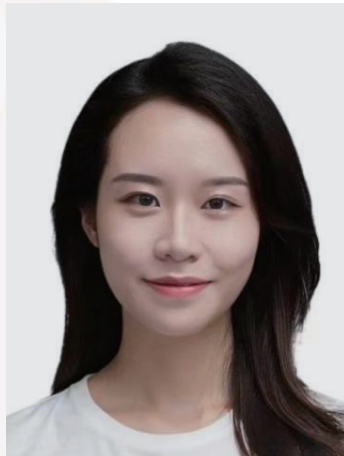
PARALLEL SESSION 10



LIN Zhini

Guangzhou Mingde Experimental School

Zhini Lin, 2022 (China Competition Area) -25under25 Global Outstanding Youth, "Global Outstanding Youth Ambassador for UN Sustainable Development and Carbon Neutrality Action", CSSS Student of the Way to Excellence



Eby LIU

Series Entrepreneur, phil. Carbon Neutrality and Climate Change, Hongkong

Ms. Eby Liu, Mphil. Innovation, policy and entrepreneurship with a focus on carbon neutrality and climate change, Hong Kong University of Science and Technology (Guangzhou). 6 years of integrated marketing and entrepreneurship experience in new market expansion, strategy development, and branding for multinational corporations and startups. Academic articles published in AP-PPN Asia Pacific Public Policy Conference (2023), and ICAE International Conference on Applied Energy (2023).



WANG Hanyuan

UN SDG Leader, Schwarzman Scholar, Tsinghua University

Hanyuan (Karen) Wang is a climate entrepreneur with a data science background from China. Her goal is to build technologies to facilitate decision-making in order to combat climate change, especially in developing countries. Karen serves as the CEO and founder of Climind, a data-as-a-service platform that delivers actionable climate data infrastructure through AI technologies to facilitate mitigation and adaptation solutions.

Karen is also a research assistant at Imperial College London's Centre for Climate Finance and Investment. She was named to Forbes' 30 Under 30 for her startup work. Karen is also the board member of the UN Museum. She went to Hong Kong Baptist University, Imperial College London, and is a Schwarzman Scholar from Tsinghua University.



ZHOU Yuxi

Changsha Yali High School, Founder of Dream Class toward Environment Protection

Zhou is a sophomore at the International Department of Yali High School in Changsha and the founder and president of the Yali Dream Classroom Environmental Club, which promotes the concept of green and low-carbon development and helps underprivileged youth gain access to educational opportunities. She is the president of Yali New Youth Club for Economy, which focuses on sustainable development, green economy, and other public welfare and academic activities. For many years, she has been actively organizing and carrying out environmental public welfare activities, such as protecting the clean beaches of Xiangjiang River, planting trees, and reducing carbon emissions.

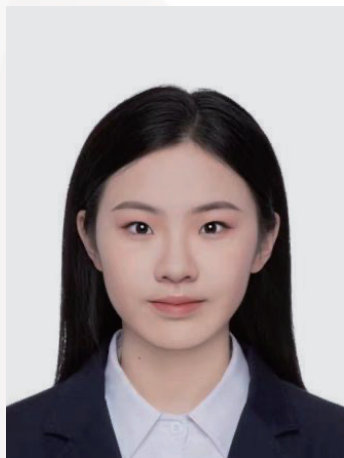
PARALLEL SESSION 10



Lucas ARAMBURU

Columbia University

Lucas Alejandro Aramburu holds a B.A in East Asian studies and Business Management from Columbia University, where he focused his studies on Sino- Latin American relations and submitted his senior thesis on Chinese energy and infrastructure investment in Colombia in May 2023. Lucas has internship experience at Bloomberg Philanthropies and Boston Consulting Group (BCG)'s sustainability practice, where he will resume his career as an Associate in January. Currently, Lucas is serving as a research and translation intern for EQuota Energy (亿可能源), an AI-based energy and carbon management company based in Shanghai.



CHI Yonghan

International Department of
The Experimental High School
Attached to Beijing Normal
University

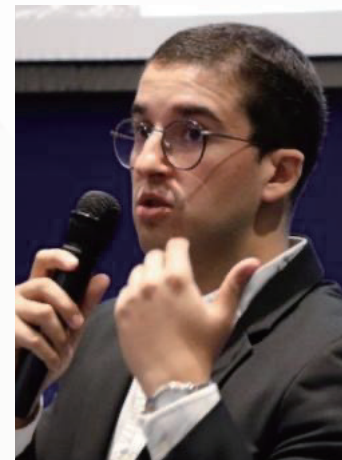
Yonghan Chi is an 11th-grade student at the International Department of The Experimental High School Attached to Beijing Normal University. Throughout his high school journey, he has developed a deep passion for environmental conservation and sustainable development. As a core member of his school's prestigious Earth Protector society, he actively participated in projects such as "Elk Conservation" and "Carbon Reduction Lifestyle and Harmonious Coexistence with Nature", dedicated to conveying the importance of ecological conservation to primary and secondary school students. He has been enthusiastically engaged in the 2023 Public Benefit International Challenge for Youth. His team conducted research on the environmental pollution and health issues caused by traditional cooking methods in underdeveloped areas of Africa. They donated energy-efficient stoves to villages in Kenya to support local ecological sustainability, while mitigating the health hazards faced by residents during cooking. This initiative has significantly alleviated the labor burden on women and children. Through this project, they hope to provide cleaner cooking methods to improve the quality of life for local residents, while contributing to the achievement of social sustainability.



JIANG Nanqing

Director of Qinghe Institute of
Circular Economy and Carbon
Neutrality

Dr. Jiang Nanqing, Director of Qinghe Institute of Circular Economy and Carbon Neutrality, is a former official of the United Nations Environment Programme (UNEP) and an expert in environment and sustainable development. She graduated from Beijing Normal University and has studied in the Netherlands, Japan and Israel for postdoctoral research. She currently serves as a member of P&G's Global and China Sustainability Committee, a member of Alibaba Group's Carbon Neutral Expert Committee, and a board member of the Shell Public Welfare Foundation. She served as the Secretary General of China Plastic Reuse and Recycling Association from 2018-2019, and was the consultant of plastic projects of World Bank, ADB, EU, WWF, UNICEF-UNDP, UN Global Compact. She is an Economic Watch columnist and opinion leader in promoting multiple policies on plastic pollution, recycling and carbon inclusion.



Ilias LAROUSI

Tsinghua University

Ilias is a multilingual and multicultural professional with a strong academic foundation and diverse expertise in environmental and energy studies. He holds a Master's in International Energy Management from École Mines ParisTech-France and a Master's in Thermal and Power Engineering from Tsinghua University. Currently pursuing a PhD in Environmental Science and Engineering at Tsinghua University, Ilias's research focuses on Inland Shipping Decarbonization and Carbon Neutral Strategy in China by 2060. His extensive experience living and studying on four different continents (Africa, Europe, America, and Asia) has provided him with a unique and comprehensive understanding of diverse cultural and environmental contexts. He founded the Tsinghua Climate Hub, a platform that fosters collaboration and knowledge-sharing to drive positive change in the field of sustainability.

PARALLEL SESSION 10



Savinda RANATHUNGA

Project manager for regional youth project of UNDP Asia-Pacific – Youth Co:Lab

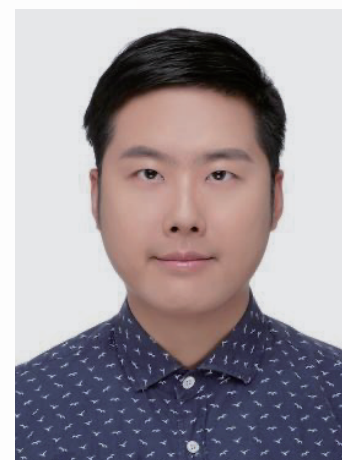
Savinda is the project manager for regional youth project of UNDP Asia-Pacific – Youth Co:Lab, which empower youth to create SDG solutions through social innovation and entrepreneurship. He is also the manager for Regional Youth Empowerment in Climate Action Platform (YECAP), bringing youth, ecosystem partners and governments together for urgent climate action. He was born in Sri Lanka and now reside in Bangkok, Thailand. Savinda is a Civil Engineering graduate from Moratuwa University Sri Lanka, he also possesses charted qualifications in Management and Marketing and a Diploma in Buddhism. He worked as an Environmental Engineer at Brandix Ltd. And as a lecturer at Achievers and Wizma Business Schools. He has engaged in the development sector over a decade through his engagement with AIESEC, ADB, UNICEF, UNEP, UNV, UNESCAP and UNDP.



ZHANG Lipeng

Senior consultant of Danish Energy Agency (DEA)

With more than two decades of experience, Zhang Lipeng brings a comprehensive understanding of cutting-edge international expertise in the district energy industry. She works at the Danish Energy Agency (DEA) as a senior consultant, focusing on the green energy transition in the district energy field, particularly in Denmark and China, and actively contributes to the "Sino-Danish Clean and Renewable Energy Heating Cooperation Program." Zhang Lipeng graduated from the Danish Technical University (DTU) with a doctoral degree and published a number of articles in international journals around the topics of utilizing international experiences to promote green energy transition in the targeted countries. She previously worked on the Global District Energy Initiative of the United Nations Environment Programme (UNEP) as an international consultant to provide relevant support to pilot countries in Asia.



ZHANG Zhihao

Senior Consultant, National Torch Academy of Innovation and Entrepreneurship

Mr. Zhang is currently the Senior Consultant of the National Torch Academy of Innovation and Entrepreneurship (ZGC). Before joining the academy, he was the Chief Science and Technology Reporter for China Daily and the official correspondent for the Ministry of Science and Technology, Chinese Academy of Sciences, Chinese Academy of Engineering and the China Association for Science and Technology. He has interviewed hundreds of officials, scientists and tech entrepreneurs from China and abroad, publishing over 1,200 science articles and science popularization videos with over 2 billion views worldwide. He has received numerous awards for his coverage on scientific topics ranging from basic sciences to scientific policies and international cooperation from the Publicity Department of the Communist Party of China, Chinese People's Political Consultative Conference National Committee, Cyberspace Administration of China, Ministry of Science and Technology, Chinese Academy of Sciences and the Society for News Design. He holds a Master's degree in journalism from Columbia University and a Bachelor's degree in political science from the University of California, Berkeley.

PARALLEL SESSION 11



Jacob SORENSEN

Director of the Partner Funds Division of Climate Change and Sustainable Development Department of ADB

Jacob Wienberg Sondervang Sorensen is the Director of the Partner Funds Division of Climate Change and Sustainable Development Department of ADB. He assumed office in April 2019. Mr. Wienberg Sorensen is responsible for a group of multisector trust funds, administration of project-specific cofinancing, and management of bank-wide systems and data on financing partnership. Previously, Mr. Wienberg Sorensen was Director of Office of Cofinancing, overseeing resource mobilization relationship management, and cofinancing processing and administration. He has been Senior Advisor to the Vice President (Private Sector Cofinancing Operations), providing strategic advice on policies and business processes, assisting the Vice President on operational analysis and organizational matters related to private sector and cofinancing operations. He has also worked in ADB's Office of the Auditor General.

Mr. Wienberg Sorensen has over 21 years of experience in investment banking and in development banks. Prior to joining ADB, he was Chief Operating Officer for Societe Generale's Fixed Income, Currencies, and Commodities business in Australia. Mr. Wienberg Sorensen held roles as Regional Audit Director and Local Head of Audit for Societe Generale, Australia, and WestLB, Tokyo. Mr. Wienberg Sorensen, a national of Denmark, holds a M.Sc. in International Business from University of London, United Kingdom, and a B.Sc. in Commercial Law and Business Administration from the Copenhagen Business School, Denmark.



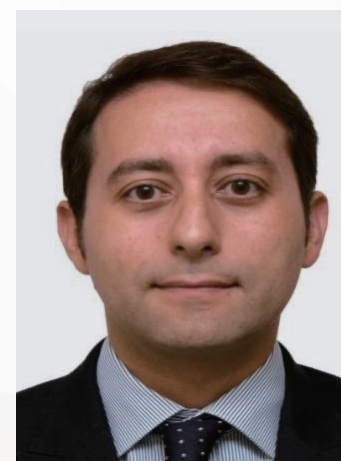
Ines FEJZIC

Senior Environment and Social Development Specialist, MCDF

Ines is an E&S practitioner with over 11 years of experience in the sustainability industry. With a Master's in Civil Engineering, Ines has a strong foundation in applied hydraulic engineering and environmental management. Specializing in E&S risk management, stakeholder engagement, and policy implementation, she possesses excellent understanding of the IFI operational landscape and E&S best practice.

Prior to joining the Multilateral Cooperation Center for Development Finance, Ines has worked in the environmental consultancy sector and at EBRD as Principal Environmental and Social Adviser.

Ines is currently the technical lead on MCDF's work in promoting the wider application of IFI E&S safeguards and climate-related standards among developing countries and emerging market financiers.



Alfredo Bano LEAL

Senior Energy Specialist, ADB

Alfredo Baño Leal is a Senior Energy Specialist at ADB. He leads operations in sustainable energy in East Asia region and supports ADB's Energy Transition Mechanism in Southeast Asia. He has over 15 years of international experience working on energy infrastructure sectors across more than 20 countries in Europe and Asia. Before joining ADB, he worked for the International Atomic Energy Agency in Vienna, he consulted for the World Bank and other international organizations, and worked for an engineering consulting firm in Spain. He is an electromechanical engineer, with majors in electricity generation and power systems, and holds an MBA in Corporate Finance from the IE Business School.

PARALLEL SESSION 11



Giovanni RUTA

Lead Climate Economist,
Beijing Office

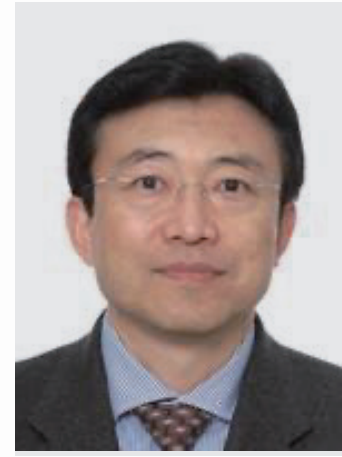
Gianni Ruta is Lead Environmental Economist in the Environment, Natural Resources and Blue Economy Global Practice at the World Bank, East Asia and Pacific region where he coordinates the analytical agenda on green growth, climate change, biodiversity and natural resources management. Gianni joined the World Bank in 2001 and has worked on the economics of sustainability, green growth, natural capital accounting. He has supported clients prepare and implement investment project financing, development policy operations and analytic work. He has extensive experience in Latin America and in Africa. Gianni holds a PhD in Environmental and Natural Resource Economics from the London School of Economics and Political Science and a Master in Environmental Economics from University College London.



YAO Jianshi

Chief Specialist, New
Development Bank (NDB)

Mr. Yao Jianshi joined the New Development Bank (NDB) in 2017 and has successively served as the Senior Advisor to the Chief Operations Officer, Head of the India Desk, and Principal Specialist of the Private Sector and Non-Sovereign Guaranteed Transactions Department. He has extensive experience in the investment and financing of large-scale infrastructure projects in energy and transport sector. Prior to joining the NDB, he worked in the State Grid Corporation of China and the State-owned Assets Supervision and Administration Commission of the State Council. Mr. Yao holds a master's degree in Electrical Engineering from Tsinghua University and an MBA degree from Duke University.



ZHANG Zhihong

Fund Manager in the Climate
Change Group of the World Bank

Zhihong Zhang is a Fund Manager in the Climate Change Group of the World Bank and leads the Bank's engagement with multilateral climate funds, including the Climate Investment Funds (CIF) and the Green Climate Fund (GCF). He advises teams across Regions and Global Practices on the development of CIF investment plans and oversees CIF and GCF pipeline development and portfolio management. He has also led trust fund reforms at the Climate Change Group, including the design of an umbrella trust fund for result-based climate finance. Prior to joining the Climate Change Group in 2020, Zhihong managed the Clean Technology Fund and the Scaling up Renewable Energy Program at the CIF, with a combined portfolio of USD 6 billion in over 40 countries. From 2004 to 2011, he served as the Climate Change Focal Area Coordinator at the Global Environment Facility (GEF) and was extensively involved in UNFCCC negotiations on finance and technology transfer. Before joining the World Bank Group, Zhihong was a Chief Technical Advisor with UNIDO/UNDP for energy efficiency programs in China. He holds a Ph.D. in Energy Management and Policy from the University of Pennsylvania.

PARALLEL SESSION 12



ZHAI Yongping

Senior Advisor in Strategy
Development Department of
Tencent

Dr Yongping Zhai graduated from Department of Thermal Engineering of Tsinghua University in 1983. Subsequently he studied in Institute of Energy Policy and Economics Grenoble, France, and received PHD in Energy Economics in 1989. He joined Asian Development Bank in September 2000 and served as Chief of Energy Sector Group at ADB, in charge of energy policy formulation and promotion of low-carbon technologies in Asian developing countries. In July 2021, he joined Tencent as Senior Advisor in Strategy Development Department, supporting the company's carbon neutrality operations and renewable energy development.



CHEN Zong

Deputy General Manager, Green
Logistics, Cainiao Group

Mr. Zong CHEN, Deputy General Manager of Cainiao ESG Green Logistics. He joined Alibaba in 2009. He is focusing on various initiatives such as the design of green and low-carbon logistics for Cainiao, exploring intelligent dual-carbon solutions, and research on carbon credits. Currently, his main focus is on carbon footprint design using LCA, aiming to make carbon reduction quantifiable, manageable, and operationally feasible.



HUANG Ting

Director of Cloud Native,
Ant Group

Mr. Ting Huang joined Ant Group in 2010, engaged in research of infrastructure software, he is a senior expert in Cloud Native technologies. Mr. Huang leads the green computing team, and has constructed a green computing technologies to save the cost and reduce the carbon emission. The green computing technology has been applied in Ant Group's data centers, and significantly reducing the carbon emissions of Ant Group's data centers.



Julien MARTIN

President of BROAD Group Digital
Climate Group

Julien Martin has 25 years in financial services in sell side and infrastructure organisations of which 18 in Asia.

He is the CEO and co-founder of Digital Climate Group, a financial service company working on democratising access to green finance products for issuers and investors leveraging blockchain, Web3 and AI.

Previously, Senior Managing Director for HKEX and CEO of the Bond Connect Company Limited, a joint venture established by China Foreign Exchange Trade System (CFETS) and HKEX. Leading the development of Fixed Income products (Cash, derivatives and post trade), Data & ESG initiatives including regulatory disclosure, data monetisation, ESG products development, index, rating and carbon, digital assets build up. Julien is the key architect that led to the launch of Bond Connect in July 2017, delivering policy breakthroughs and market efficiencies in pre-trade admission, trading and settlement for the China interbank bond market.

A total of 17 years capital market experience in the BNP Paribas group, in FICC trading sales, risk management and platform build up. Julien holds a master of business administration (MBA) degree from ESSEC Business School, Paris.



SUN Fujie

Chief Industry Expert of Tencent Cloud Smart Energy

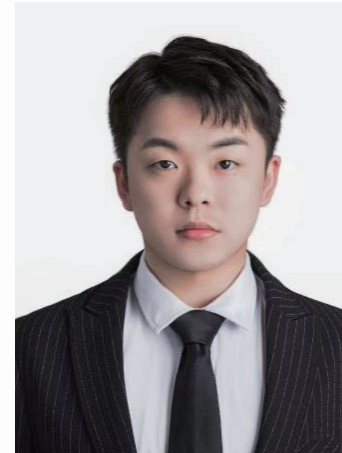
Mr. Fujie Sun, Ph.D., is currently the Chief Industry Expert of Tencent Cloud Smart Energy. He has long been focusing on the digital transformation and solution research and design of the energy and power industry. He has participated in several large-scale energy companies' digitalization projects, providing research and services ranging from IT strategic planning, smart enterprise solutions, business management consulting, international leading energy companies' digital transformation research, smart grids, and power automation. Dr. Sun has held positions as the Energy Industry Solution Director and Chief Industry Expert in Fortune 500 IT companies.



WANG Yingming

Deputy director, Yanji Municipal Development and Reform Commission

Wang Yingming, male, Han nationality, born in August 1977, is a member of the Communist Party of China. He graduated from Yanbian University and started to work in August 1999. He served as the Director of the Yanji Service Industry Development Promotion Center, a member of the Party Group of the Yanji Development and Reform Bureau, and the Deputy Director of the Yanji Development and Reform Bureau. Currently, he is the Director of the Yanji Project Center.



YU Boming

General Manager, Energy Transformation & Low-Carbon Business Unit, Hangzhou Hyperchain Technology

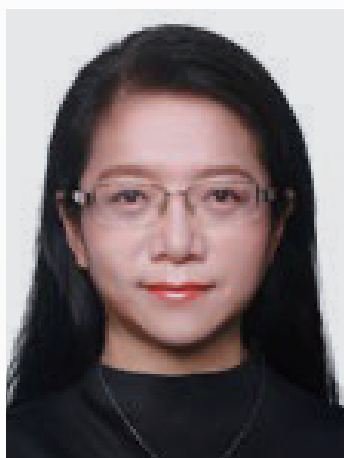
Master's degree from Zhejiang University.

YU Boming is the General Manager of the Energy Transformation & Low-Carbon Business Unit at Hyperchain Technology, a leading domestic blockchain company. He focuses on applying blockchain technology to low-carbon transformation and has actively contributed to 'carbon neutrality' and new energy research and promotion.

He played a key role in implementing China's first domestically developed enterprise-level consortium blockchain platform, Hyperchain, in various government agencies and provinces. Yu Boming has also been involved in setting industry and national standards, leveraging his strong academic background.

YU Boming's efforts have primarily centered on advancing the use of blockchain in low-carbon transformation, making substantial contributions to sustainable development and environmental protection. As a project leader, he has overseen the establishment and operation of several provincial 'carbon neutrality' platforms and provided essential carbon asset management services to energy groups like Zhejiang Provincial Energy Group Company and Yuneng Holdings.

In summary, YU Boming's leadership and expertise have significantly influenced the application of blockchain technology in low-carbon transformation, driving progress toward sustainable development and environmental protection.

**YAO Yixin**

Senior Research Fellow, Asian Development Bank Institute (ADBI)

Ms. Yao Yixin joined ADBI in September 2021. Previously she served in the Ministry of Finance of China (MOF PRC) as the director responsible for bilateral and multilateral financial cooperation between PRC and ADB, KFW, OFID, GCF, Austria, Israel etc. Before that she was Financial Partnership Specialist responsible for PRC Poverty Reduction and Regional Cooperation Fund in ADB HQ. Prior to entering ADB, she worked in MOF PRC responsible for fiscal policy research and international financial cooperation, in the Mission of PRC to European Union (EU) in Belgium responsible for public policy research, in the National General Bureau of Press and Publication of PRC responsible for copyright research and has been Senior Fulbright Visiting Scholar in the University of Minnesota, USA, and visiting scholar in the University of Hong Kong. Her research focuses on sustainable development, climate change, green finance, and intellectual property. She earned her PhD degree in Economics from Northwest University, MA and BA degree in law from Peking University, PRC.

**FAN Shenggen**

Chair Professor and Dean of the Academy of Global Food Economics and Policy (AGFEP) at China Agricultural University (CAU)

Dr. Shenggen Fan is Chair Professor and Dean of the Academy of Global Food Economics and Policy (AGFEP) at China Agricultural University (CAU). Prior to joining CAU, He served as director general of the International Food Policy Research Institute (IFPRI) from 2009 to 2019.

His research interests include food and nutrition security, agricultural and rural development, poverty reduction, and the transformation of food systems and global food security. He is currently the CGIAR System Board member, acting board chair of the International Food Policy Research Institute (IFPRI), and vice board chair of the International Rice Research Institute (IRRI). He is also a member of the advisory council at the World Food Prize Foundation and a member of the EAT-Lancet commission.

He is awarded as a Fellow of the Agricultural and Applied Economics Association (AAEA) and an Honorary Life Member of the International Association of Agricultural Economists (IAAE).

**HUANG Jikun**

Professor at School of Advanced Agricultural Sciences, Peking University

He is founding director of China Center for Agricultural Policy, Director of New Rural Development Institute and Professor at School of Advanced Agricultural Sciences, Peking University; Fellow of the World Academy of Sciences (TWAS), Honorary Life Member of International Association of Agricultural Economists, Fellow of Agricultural and Applied Economics Association, and the Past President of Asian Society of Agricultural Economists. His research covers a wide range of issues on agricultural policy, food security and rural development. He has been in several policy advisory committee in China, including Expert Advisory Committee of Rural Leading Group Office of the Central Committee of CPC and Ministry of Agriculture and Rural Affairs. He received his PhD in agricultural economics from University of the Philippines at Los Banos in 1990. He has published 24 books and about 600 journal papers, including the papers published in Science, Nature and many leading journals in development economics, and received several awards from China and abroad.

**Ji Chen**

Associate Professor, China Academy for Rural China (CARD)/ Department of Agricultural Economics and Management, Zhejiang University, China

Professor Ji focuses on doing agricultural and development economics studies in China. Her research topics include: agri-food supply chain and industrial organizations development, green and sustainable agriculture, inter-generational mobility and poverty reduction in rural areas. She is dedicated in econometrically evaluating the impacts of agricultural policies, technologies and industrial organizations on rural economy and farmers' welfare. She published her scholarly research papers in leading peer-reviewed journals such as, Journal of Agricultural Economics, Food Policy, Review of Development Economics, Applied Economics, International Food and Agribusiness Management Review, and Journal of Integrative Agriculture. She is the young editorial board of Journal of Integrative Agriculture, and she also has been invited to review articles for journals such as Review of Development Economics, China Agricultural Economics Review, Agribusiness and Applied Economics.

EAF SESSION A



XIONG Wei

Senior Scientist in SAS (Sustainable Agrofood System) program of International Maize and Wheat Improvement Center (CIMMYT)

Dr. Wei Xiong is a Senior Scientist in SAS (Sustainable Agrofood System) program of International Maize and Wheat Improvement Center (CIMMYT). He works in interdisciplinary researches, focusing on the interactions between agricultural production and environment, with specific experiences on climate change and agriculture mitigation, development of agricultural system modeling tools, evaluation of climate-smart agriculture, and Genotype by Environment Interaction analysis. He is good at using state-of-the-art technology (such as cloud computation, machine learning, big data, HPC, bioinformatics) in the G×E×M interaction analyses, with tracked records of improving short and long-term agricultural forecast models at site, national and global scales. Before joining CIMMYT, he worked in International Institute of Applied System Analysis (IIASA), University of Florida (UF), and Chinese Academy of Agricultural Sciences (CAAS). Currently, he is based in CAAS, Beijing, and coordinated cooperation regarding sustainable agriculture between CIMMYT and China institutes.

EAF SESSION B



GAO Jixi

Director General, Satellite Application Center for Ecology and Environment, Ministry of Ecology and Environment

Prof. Dr. Jixi Gao is director general of the Satellite Application Center for Ecology and Environment, Ministry of Ecology and Environment, China. He serves as vice president of academic groups such as the Chinese Society for Environmental Sciences and the Ecological Society of China, and a member of the National Committee of Experts on Ecological Environmental Protection.

Prof. Gao took the lead in proposing the concept of “red lines” for ecological protection. His proposal of climate change response program based on the concept was selected by the United Nations Climate Summit as one of the preferred nature-based solutions (NBS) and one of the 16 examples of the most ambitious initiatives for raising climate ambition and accelerating action, which provides a Chinese model for the fulfillment of international conventions around the globe. He led the compilation of the China Biodiversity National Situation Study, which comprehensively analyzed and assessed China's biodiversity, constructed large-scale ecological corridors connecting 97% of China's nature reserves, and scientifically solved the long-standing problems of isolated ecological protection and fragmentation of biological habitats in China.



LEI Guangchun

Professor, School of Nature Conservation, Beijing Forestry University

Dr Guangchun Lei, born in 1960, is the dean of the school of nature conservation, and professor of ecology of Beijing Forestry University since 2008. He is also the vice chair and secretary general of national wetland science committee. Previously, he was appointed as professor at Peking University, director of Freshwater and Marine Program of World Wide Fund for Nature China Office, and the Senior Advisor for Ramsar Convention Secretariat.

Professor Lei is a famous expert on biodiversity conservation and ecosystem management globally. He was one of the founders of the East Asia-Australasia Flyway Partnership Agreement (EAAFP), served as Chair of the Meeting of Partners (EAAFP). Director of the Centre for EAAF Studies. In recognition of his contribution to wetland conservation and science advancement, he was awarded Luc Hoffmann Medal in 2018, and WWF Global Conservation Innovation Award in 2001.

**WU Yaling**

Senior Advisor of Ant Group
Research Institute

Ms. Wu is responsible for the green finance policy research and green business innovation incubation at Ant Group Research Institute. Before joining Ant Group, Ms. Wu worked at MEPFECO and MOF, participating in the international cooperation projects in the fields of climate change and environmental protection. Ms. Wu holds a master's degree in environmental economics.

**GUO Dongmei**

Environment Specialist,
Agriculture, Food, Nature and
Rural Development Sector Office,
Sector Group, ADB

Ms. Dongmei Guo is an Environment Specialist of ADB, currently working on climate risk assessment and climate finance, biodiversity conservation, transboundary watershed management, policy and regulation of eco-compensation, institutions of national park, and fintech for plastic pollution control. She had been worked as a secondee in ADB since 2018 and as a staff in 2020. Prior to ADB, a China State Council Expert with Special Allowance, director and the advisor of Ministry of Environment and Ecology (MEE). She holds a Ph.D. on Human Geography of the China Academy of Science (CAS). She had been the consultant of World Bank, UN, APEC and EU, and the visiting fellow on environmental economics in the University of York, the University of Maryland, and the University of Lund. Email: dguo@adb.org

**BAO Daming**

Director General, Department of
Wetland Management National
Forest and Grassland
Administration

He is a first-class inspector of the Wetland Management Department of the National Forestry and Grassland Administration, a professor-level senior engineer, and has been engaged in wetland protection and management for many years. Mr. Bao is an important participant in the formulation of national macro strategies, engineering plans and policies for wetland conservation and restoration. He has conducted two national wetland resource surveys; compiled the National Wetland Conservation Engineering Plan (2002-2030) and the implementation plan of the Eleventh Five-Year Plan, the Twelfth Five-Year Plan and the 13th Five-Year Plan; organized the drafting of the Wetland Protection and Restoration System Plan, which was issued by the General Office of the State Council; and jointly organized the drafting of the Action Plan for Mangrove Protection and Restoration (2020- 2025); participated in wetland legislation and compiled more than ten technical standards for wetland protection and management.

**ZHANG Yan**

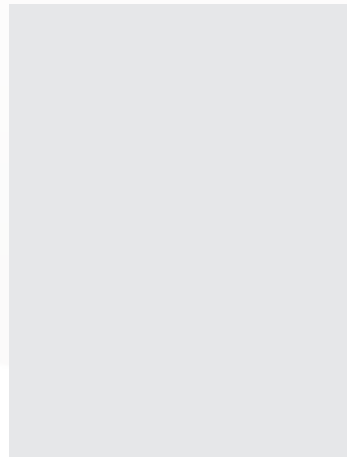
Director, China Office,
International Union for the
Conservation of Nature

Mr. Yan ZHANG is Head of IUCN China Country Office, leading and coordinating strategic and organizational development, programmatic initiatives and projects, partnership development and communications etc.

Mr. Zhang has about 20 years' experience in various professions. He has worked with UNDP China as a M&E Specialist, with WWF China as Yangtze Ecoregion Coordinator and with CI China as Program Director. On all those jobs Mr. Zhang has demonstrated his skills and expertise on Programme Cycle Management, and had a soundtrack record of performance and accomplishments on nature conservation, ecosystem management and sustainable development etc.

Mr. Zhang holds a Master in Science in Environmental Economics from the University of Goettingen, Germany. He speaks Chinese Mandarin, English and some German.

EAf SESSION B



YU Xiubo

Secretary General, China
Ecosystem Research Network

A leading scientist and activist on ecosystem monitoring and research, wetland & dryland ecosystem conservation with 25 years of experience in collaboration with academia, NGOs, public and private sectors in China and the world. A mature director and secretary general with a track record of delivering transformative changes in China and over 18 years of experience building effective teams in various culture, disciplines, and locations, developing strategic partnerships to influence policy and achieve impacts at scale. A skilled consultant in high-level platforms & processes where has been championed for the contribution of ecosystem and protected area management.



QIU Guojun,

Deputy Director General,
Department of Rural Economy,
National Development and
Reform Commission

Mr. Guojun Qiu is Deputy Counsel (DDG-level) of the Department of Rural Economy, which is the functional department responsible for agriculture, forestry, grassland, water conservancy, and meteorology of the National Development and Reform Commission (NDRC). Within the past 20 years, he participated or took lead in a series of work covering strategies for rural economic and ecological development, system reforms, rural infrastructure development including agriculture, forestry, grassland, water conservancy, meteorology and ecology.

He acted as the principal executor for the cooperative project (Rural Economic Transformation and Upgrading by the Integration with Internet Plus) between ADB and NDRC during 2016-2018, which won the Best TA Performance Award in 2021 from ADB, and the Second Prize for Excellent Research Award from NDRC in 2019.

At present, he is deeply involved in the implementation of another two cooperative projects between ADB and NDRC, including protection and restoration policy of migratory birds, and promotion of innovative financing for ecosystem protection and restoration.

PARALLEL SESSION C



Bart ÉDES

Professor of Practice,
McGill University

Mr Bart Édes joins ISID as Professor of Practice for a two year term beginning May 1 2021. At the Institute, Mr Édes will broaden capacities in relation to Asia and will complement other ISID research agendas in such areas as development finance, strategic partnerships, and sustainable development. Of particular interest is his planned study of digital initiatives for development in the post-pandemic era.

Bart Édes is a policy analyst, commentator, and author of Learning From Tomorrow: Using Strategic Foresight to Prepare for the Next Big Disruption (2021). He focuses on developing Asian economies, international development, cross-border trade and investment, innovation, social policies, and transformative trends reshaping the world. Since December 2020, he has served as a non-resident Senior Associate at the Center for Strategic and International Studies in Washington, DC, and was named a Distinguished Fellow at the Asia Pacific Foundation of Canada in January 2021.

Between 2001 and 2020, Édes held senior staff positions at the Asian Development Bank (ADB), most recently serving as the lender's North American Representative (2017-2020). While based at ADB's Manila headquarters, he oversaw teams responsible for policy, strategy and operational guidance on education, governance, health, inclusive business, ICT for development, knowledge management, poverty reduction, social protection and stakeholder consultation. He also guided formulation of ADB's landmark Public Communications Policy, explored the impact of climate change on migration in Asia, launched ADB's largest community of practice (on social development), and managed partnerships with civil society organizations, donors and international organizations.

Édes has a bachelor's degree in Government from Georgetown University, and a master's degree in Public Policy from the University of Michigan's Gerald R. Ford School of Public Policy. Born in Prince Albert, SK, he now resides in Montréal, QC.



NIU Zhiming

Senior Project Officer (Environment),
PRC Resident Mission, East Asia
Department, ADB

Zhiming is responsible for managing and implementing ADB natural resources and agriculture projects in the PRC. He serves as the resident mission's focal for Global Environment Facility programs and biodiversity. He holds a PhD in watershed management and has an executive MBA degree from China Europe International Business School in Shanghai.



CHEN Hao

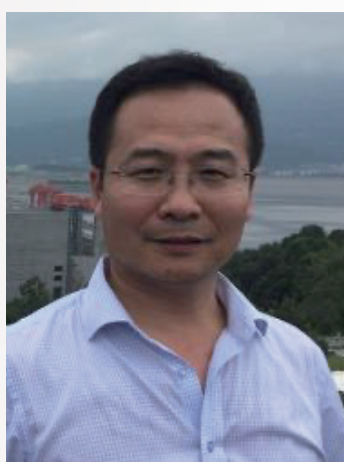
Director, Science and Research Unit Yancheng Rare Birds National Nature Reserve

Chen Hao has been engaged in nature reserve management and wildlife and habitat protection for more than 30 years since 1991, and participated in the construction of Jiangsu Yancheng Wetland Protection Project and Yancheng National Nature Reserve Project loaned by ADB.

Chen Hao has hosted or participated in more than 40 scientific research topics and forestry promotion projects, such as, the Science and Technology Demonstration of Biodiversity Conservation and Habitat Restoration in Yancheng Wetland Ecological Protection Special Zone. Chen Hao also authored 8 volumes of monographs such as 'Red-crowned Cranes' and 'My Home in Yancheng Wetland', and published more than 40 papers.

Chen Hao's research achievements have won the First and Third Prizes of the Liang Xi Forestry Science and Technology Award, the First Prize of Yancheng Scientific and Technological Progress, the First Prize of Huaihai Science and Technology Award for Scientific and Technological Innovation,

The production named 'My Home in Yancheng Wetland' compiled by Chen Hao has won the First Prize of Liang Xi's popular science work of Chinese Forestry Society.



ZHENG Baochang

Senior Project Management Officer, PRC Resident Mission, East Asia Department, ADB

Baochang is responsible for the preparation and implementation of ADB's water and urban sector loan projects in the PRC. Prior to ADB, he was deputy general manager of Liuzhou Veolia Water Supply Company, a Sino-French joint-venture. He holds a master's degree in Water Services Management from the IHE Delft Institute for Water Education, Netherlands.



RUAN Hongquan

Director, Huangshi PMO of Urban Pollution Control and Environment

Director of the Project Management Office of ADB loaned Hubei Huangshi Urban Pollution Control and Environment Management Project. As a Director with extensive management experience, Mr. Ruan is responsible for works of organizing the pre-project planning research, project planning, design, procurement and the whole-process management. Under his leadership, Hubei Huangshi Urban Pollution Control and Environment Management Project was one of the awardees of ADB Best Performance Project in 2021.

Xie Zhimin is the technical director of Wuhan Urban Construction Utilization of Foreign Investment Project Management Office (WHPMO), a professor-level senior engineer, and a registered cost engineer, construction engineer, and supervision engineer in the PRC.

In WHPMO, he has managed projects such as (i) World Bank's Demonstration Project of Traffic Integration in Wuhan City Circle; (ii) ADB's Wuhan Urban Environmental Improvement Project; and (iii) Agence Française de Développement's (AFD) energy-saving renovation demonstration project of existing public buildings in Wuhan.

As the leader of the foreign investment project consulting and management team, he is responsible for projects including (i) ADB's PPP Demonstration Program to Transform Delivery of Elderly Care Services in Yichang, Hubei; and (ii) AFD's Daye Mine Environmental Management and Protection Project.

Mr. Xie has extensive expertise in civil engineering. He was the sustainable infrastructure expert in ADB's Gansu Environmentally Sustainable Rural Vitalization and Development Project, and was one of the editors of energy-saving retrofit specifications for existing buildings in the PRC. Mr. Xie has extensive experience in project management and is a project management training instructor for the World Bank and ADB.



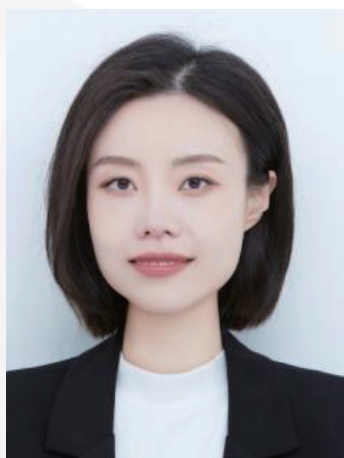
XIE Zhimin

Technical Head, Wuhan PMO of Utilizing Foreign Capital in Urban Construction

**LEUNG Kang Hang**

Principal Infrastructure Finance Specialist, Sector Group, ADB

Kang Hang LEUNG is currently a Principal Infrastructure Finance Specialist in Asian Development Bank responsible for originating, structuring, executing and administering innovative financing for projects. He has over 20 years of international experience in infrastructure finance and development finance specializing in financial structuring, financial analysis, investment appraisal, and public-private-partnership transactions. He has undertaken roles in both private and public sectors including financial institution, industry investors, government agency and consultants in infrastructure development, acquisitions and transactions. He holds a Master of Business Administration degree (concentration in Finance) from London Business School, United Kingdom, a Master of Science degree and a Bachelor of Engineering degree both from University of Hong Kong.

**WANG Yuxi**

Executive Director, CICC Capital Management

Ms. Wang Yuxi is currently the Executive Director of CICC Capital Management (CCM). She has been leading the set-up and operation of Shandong Green Development Fund (SGDF) and currently serve as the project manager and investment committee member of SGDF.

Ms. Wang has over 12 years of global investment experience. Prior to SGDF, she was a key investment team member of a RMB25 billion national guidance fund focusing on investing in high-growth companies in the PRC, such as, CATL. Prior to joining CCM, Ms. Wang served as Associate Director of Temasek Singapore with a cumulative investment of more than \$1 billion.

Ms. Wang graduated from Guanghai School of Management, Peking University with a Master's degree in finance and a Bachelor's degree in finance.

**Gloria Gerilla-TEKNOMO**

Senior Transport Officer, Sector Group, ADB

Gloria is a traffic engineer, and transport planner by training. She supports sustainable infrastructure development and has led several projects on energy, transport, and the environment. As part of her work, she is involved in energy efficiency, renewable energy, intelligent transport systems, public transport, and low carbon transport projects. She has coordinated and produced knowledge products on energy, and transport sector development in East Asia.

**ZHANG Xi**

General Manager, Shaanxi Financial Development Investment Management Company

Zhang Xi is Executive Director and General Manager of Shaanxi Financial Holding Development Investment Management Co., Ltd. She has 17 years of investment and management experience in the Chinese financial industry. Previously, she was responsible for the management and operation of the Shaanxi Poverty Alleviation Industry Investment Fund and comprehensive risk management work. Before that, she was in Industrial and Commercial Bank of China working on various financial investment management areas in clean energy and electricity.

Note: the speaker information is sorted in order of the agenda.