

The views expressed in this presentation are the views of the author/s and do not necessarily reflect the views or policies of the Asian Development Bank, or its Board of Governors, or the governments they represent. ADB does not guarantee the accuracy of the data included in this presentation and accepts no responsibility for any consequence of their use. The countries listed in this presentation do not imply any view on ADB's part as to sovereignty or independent status or necessarily conform to ADB's terminology.



12TH ASIAN DEVELOPMENT BANK BUSINESS OPPORTUNITIES FAIR 2024

9-10 OCTOBER 2024 | 9 A.M. to 5 P.M. | ADB HEADQUARTERS, MANILA

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

Au Shion Yee
Natural Capital and Climate Team
9 October 2024



**12TH ASIAN DEVELOPMENT BANK
BUSINESS OPPORTUNITIES FAIR 2024**
9-10 OCTOBER 2024 | 9 A.M. to 5 P.M. | ADB HEADQUARTERS, MANILA



Natural Capital and Climate Team

SG-AFNR Practice Team responsible for scaling up strategic natural capital investments across all regions on:

- Conservation and enhancement of land resources, including forest, rangelands and farmland
- Sustainable and integrated use of water resources, including lakes, rivers and wetlands
- Coastal and marine ecosystem preservation, conservation and enhancement
- Ecosystem and biodiversity preservation, conservation and enhancement
- Climate change adaptation and mitigation for natural capital assets and their benefits
- Livelihood development for all communities dependent on natural capital assets





12TH ASIAN DEVELOPMENT BANK
BUSINESS OPPORTUNITIES FAIR 2024
9-10 OCTOBER 2024 | 9 A.M. to 5 P.M. | ADB HEADQUARTERS, MANILA



Natural Capital Programmatic Approach

Promote *nature-positive, climate resilient* development through strategic investments in natural resource management

Supported by key strategic interventions:

- Natural capital assessments and accounting
- Investments to maintain and enhance natural capital assets – **focus on regional and global public goods**
- Innovative economic incentive mechanisms to generate sustainable financing from ecosystem service flows
- Institutional, policy reforms and regulatory frameworks
- Strengthen partnerships, knowledge and capacity to promote regional cooperation





2024 Pipeline

#	DMC	Project Name	PTL	ADB Loan/Grant (\$ million)
1	INO	Reducing Marine Debris, Subprogram 1	A. S. Yee A. Fink	500.00
2	MON	Agriculture and Rural Development Program Phase 2	Y. Yanoma	57.10
3	NEP	Climate-resilient Landscapes and Livelihoods Project	S. Pokhrel	32.00
4	PRC	Shandong Qixia Ecological Conservation Demonstration Project	S. Kimura	150.00
5	PRC	Hunan South Dongting Lake Wetland Ecological Restoration and Sustainable Development Project	S. Cardascia	150.00
TOTAL				889.10



**12TH ASIAN DEVELOPMENT BANK
BUSINESS OPPORTUNITIES FAIR 2024**
9-10 OCTOBER 2024 | 9 A.M. to 5 P.M. | ADB HEADQUARTERS, MANILA



2025 Pipeline

#	DMC	Project Name	ADB Loan/Grant (\$ million)
1	IND	Integrated Eco-tourism and Sustainable Agri-based Livelihood Development Project in Meghalaya	80.00
2	IND	Sustainable, Inclusive, and Climate-Resilient Tourism Development at Tehri Lake Area	126.42
3	LAO	Responsible Forestry Sector Project Phase 1 (PRF)	10.00
4	PAK	Sindh Coastal Resilience Project	165.00
5	PHI	Marine Ecosystems and Blue Economy Program, Subprogram 1	500.00
			881.42



2026 Pipeline

#	DMC	Project Name	ADB Loan/Grant (\$ million)
1	IND	Kerala Sustainable Coastal Protection and Climate Resilience Planning Project	326.00
2	IND	Sustainable Loktak Lake Ecosystem Restoration Project (PRF)	5.80
3	INO	Reducing Marine Debris in Indonesia, Subprogram 2	500.00
4	PRC	Chishui River Basin Ecological Protection and Green Development Project	250.00
			1081.80



Nonlending Pipeline 2024

#	DMC	Project Name	PTL	ADB TA (\$ million)
1	PNG	Supporting Sustainable Forest Development	L. N. Le	2.00
2	PRC	Study on Sustainable Development Mechanism of Erhai Nature Reserve	A. S. Yee	0.30
3	PRC	Mangrove Restoration in China: Research on Ecosystem Service Synergies and Value Realization Strategies	X. Cai	0.30
4	REG	Towards Plastic Pollution-free and Sustainable Marine and Coastal Ecosystems in Southeast Asia	L. N. Le	8.10
			TOTAL	10.70



**12TH ASIAN DEVELOPMENT BANK
BUSINESS OPPORTUNITIES FAIR 2024**
9-10 OCTOBER 2024 | 9 A.M. to 5 P.M. | ADB HEADQUARTERS, MANILA



Consulting, Goods, and Works Opportunities QR code



Program Spotlight:

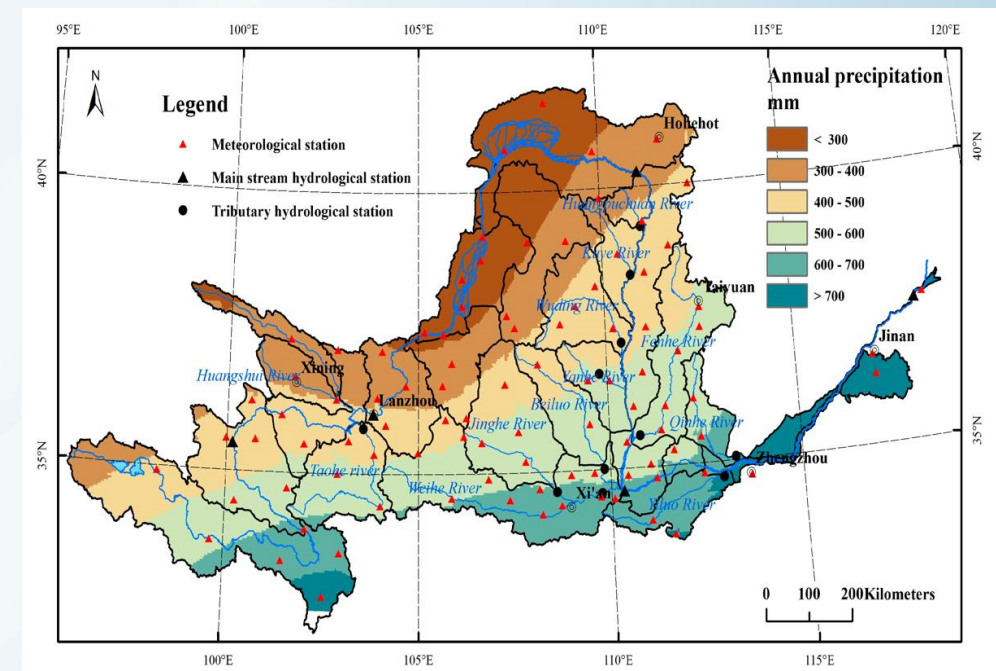
PRC: Yellow River Ecological Corridor Program (2021–)

Areas of Focus:

- **Erosion and Flooding:** Erosion from the Loess Plateau, coupled with the "hanging river" phenomenon, leads to high sediment levels and increased flood risks downstream.
- **Pollution and Water Scarcity:** Pollution plagues upstream and midstream areas, while unequal water distribution results in downstream areas experiencing extremely low flows at times.
- **Regional Disparities:** Less developed provinces upstream contrast with more developed areas downstream, exacerbating inequalities.

Objectives:

- Integrated water resource management, environmental conservation, and climate action through reforms, innovation, and private sector engagement.
- Protecting and restoring ecosystems to support inclusive and sustainable economic growth in both rural and urban areas.
- Leveraging the successful Yangtze River Economic Belt model to generate lasting positive impacts in this important economic and ecologically sensitive basin for regional and global benefits.



Project Spotlight:

PRC: Hunan South Dongting Lake Wetland Ecological Restoration and Sustainable Development Project

Modality: Project Loan

Amount: \$150 million

Approval: 2024 (implementation 2025-2031)

- First demonstration investment under the regional flyway initiative (RFI) in PRC
- The project will enhance institutional capacity and knowledge for integrated wetland management, biodiversity conservation and climate change adaptation and mitigation
- Restore nature and habitat for migratory waterbirds with nature-based solutions, improved climate-resilient and sustainable livelihoods
- Strengthened knowledge and capacity of local and regional RFI stakeholders
- Knowledge generated will benefit other PRC provinces, RFI sites, and ADB developing member countries
- Procurement: 9 goods and works packages (OCB); 16 consulting services packages



Project Spotlight:

PRC: Shandong Qixia Ecological Conservation and Demonstration Project

Modality: Project Loan

Amount: \$150 million

Approval: 2024 (implementation 2025-2031)

- Pilot application of Gross Ecosystem Product (GEP)
- Qixia city is located in the upstream area and has already received payment from downstream counties for supplying water
- Develop GEP accounting and trading system to strengthen the incentive payments (ecological compensation) scheme between Qixia and downstream counties
- Conduct non-market valuation study to inform price of non-market ecosystem services to support GEP and natural capital accounting for ecosystem services
- Procurement: 21 goods and works packages (OCB); 6 consulting services packages





Issues and Challenges

- Delayed loan effectiveness adversely affecting commencement of project activities
- Delays in procurement activities for various reasons (e.g., delayed preparation of bidding documents, domestic approval requirements, limited procurement capacity of executing and implementing agencies)

Thank you!

Au Shion Yee

Principal Water Resources Specialist
Natural Capital and Climate Team, SG-AFNR
asyee@adb.org