



# China, People's Republic of: Jiangsu Yancheng Wetlands Protection Project

Project Name	Jiangsu Yancheng Wetlands Protection Project
Project Number	40685-013
Country / Economy	China, People's Republic of
Project Status	Closed
Project Type / Modality of Assistance	Grant Loan
Source of Funding / Amount	<b>Loan 2838-PRC: Jiangsu Yancheng Wetlands Protection Project</b>
	Ordinary capital resources US\$ 36.90 million
	<b>Grant 0311-PRC: Jiangsu Yancheng Wetlands Protection Project</b>
	Global Environment Facility Grant US\$ 2.25 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth
Drivers of Change	Gender Equity and Mainstreaming Governance and capacity development
Sector / Subsector	Agriculture, natural resources and rural development / Forestry - Rural water policy, institutional and capacity development - Water-based natural resources management
Gender	Effective gender mainstreaming
Description	<p>The expected impact of the project will be improved ecosystem health and services in the coastal wetlands in Yancheng. The expected outcome will be increased capacity to manage and protect the wetland ecosystems in Yancheng. The project will adopt an integrated approach to address the degradation of the wetland ecosystems in Yancheng through habitats rehabilitation, invasive species control, sustainable forest management, waste management, and ecological services payments. The initial results and lessons learned from these efforts to rehabilitate wetland habitats will be replicated to other areas of the nature reserves and can be a good model for restoration of other wetlands in the PRC. The impact and outcome will be achieved through the following five project outputs: (i) wetland protection at the YRBNNR; (ii) wetland protection at the DMNNR; (iii) coastal forest improvement at the Sheyang forest farm; (iv) coastal forest improvement at the Dafeng forest farm; and (v) project management and capacity development.</p> <p>The project activities will include (i) wetland habitat rehabilitation and restoration, including rehydration of dehydrated critical habitats for water birds; conversion of fish ponds into wildlife habitats; and improvement of the milu drinking water and food supplies; (ii) control of the <i>Spartina alterniflora</i> as an invasive species along the Jiangsu coast by the use of freshwater flooding; (iii) improvement and protection of coastal forests, including improvement of the irrigation and drainage systems; fire prevention; pest early warning system and integrated pest management; and reforestation; (iv) waste management, including collection and safe disposal of solid wastes in the nature reserves; (v) pilot and demonstration of ecological compensation and sustainable use of ecological services, including the promotion of sustainable financing mechanism through provincial and municipal program, and market-based instruments; the implementation of ecological compensation program in a pilot community; agroforestry, such as forest-crop intercropping; and eco-tourism; and (vi) capacity development for wetland ecosystem protection, including research; ecological monitoring; meteorological and hydrological observation; animal rescue; technical assistance on nature reserve management planning; and training on procurement and contract management, project management, and financial management. The proposed activities will have the benefit of mitigating climate change through carbon sequestration, and the project preparatory technical assistance (PPTA) will quantify this benefit.</p>
Project Rationale and Linkage to Country/Regional Strategy	The government of the People's Republic of China (PRC) has requested the Asian Development Bank (ADB) to provide lending support for the proposed Jiangsu Yancheng Wetlands Protection Project. By drawing lessons from previous ADB-financed projects in reviving lakes and wetlands, the proposed project will pay particular attention to wetland restoration and ecosystem protection in a rapid developing region, ecological compensation for ecologically friendly farming practices, and control of invasive species. The project will finance part of the above two master plans for protecting the nature reserves, and introduce an integrated approach to address the current constraints in the wetland ecosystem protection. It will focus on (i) wetland restoration, rehabilitation, and protection; (ii) control of invasive species; (iii) ecological compensation; and (iv) management planning for nature reserves. The project is expected to play a demonstrative role for the restoration of other similar wetlands in the PRC. The project is consistent with the country partnership strategy, 2008-2010 for the PRC which aims to support environmental sustainability and inclusive growth.
Impact	Improved ecosystem health and services in the coastal wetlands in Yancheng
<b>Project Outcome</b>	
Description of Outcome	Coastal ecosystems of the Yancheng Wetlands conserved with reduced rural poverty and greater environmental sustainability
Progress Toward Outcome	The project was closed on 31 January 2019 and is currently under liquidation.
<b>Implementation Progress</b>	
Description of Project Outputs	1. Wetland Restoration and Biodiversity Conservation in YRBNNR and DMNNR 2. Sustainable Natural Resources Management and Sustainable Livelihoods 3. Ecological Monitoring and Evaluation 4. Environmental Governance and Knowledge Dissemination 5. Project Management and Monitoring
Status of Implementation Progress (Outputs, Activities, and Issues)	Completed, under liquidation
Geographical Location	Dafeng Shi, Sheyang Xian, Yancheng Shi
<b>Safeguard Categories</b>	
Environment	A

Involuntary Resettlement	A
Indigenous Peoples	C

### Summary of Environmental and Social Aspects

Environmental Aspects	The project is expected to achieve significant environmental benefits: (i) restoring and protecting wetlands of international and national importance; (ii) conserving biodiversity of global significance by protecting endangered species; (iii) improving the national coastal ecological protection forest network; (iv) increasing carbon sequestration; (v) enhancing the resilience under climate change of local communities, particularly against the threat of tsunamis and storm surges; and (vi) reducing coastal pollution. Possible adverse environmental impacts and risks during construction are noise, air, and water pollution; solid waste mismanagement; soil borrow and spoil; and their possible effects on protected species and their habitats. Major potential impacts for the two nature reserves and the two forest farms during operation will be noise from water pumps; noise, water, and solid waste pollution from the operation of the other project facilities (e.g., the wetland science education center, research, and monitoring); and their possible effects on the protected species and their habitats. All impacts are expected to be prevented or acceptably minimized by effectively implementing the EMP and monitoring program. Additional specific assurances related to upstream pollution control and the safe transfer of milu deer to the third core zone and/or other protected sites have been agreed with the JPG to ensure that project outcomes are sustained.
Involuntary Resettlement	The population in the project area is ethnically homogenous mainstream Han. The nonrenewal of land use leases for 1,235 ha of land expiring before the commencement of the project will see 493 people in 156 households economically displaced. The livelihoods of these people will be safeguarded by providing new land leases, and additional measures will be undertaken as necessary. Detailed mitigation and livelihood restoration measures, including training for alternative employment, are outlined in the resettlement plan. The Jiangsu PMO and the local PMOs and PIUs are responsible for preparing, reviewing, financing, implementing, monitoring, and reporting on resettlement. The Jiangsu PMO will engage an agency for external monitoring. Loan implementation consultants will develop the capacity of offices responsible for implementing the resettlement plan and of the external monitoring agency. A grievance redress mechanism has been established to provide affected people with sequential steps to follow in case of grievance. Affected people have been informed of the measures in the resettlement plan and grievance steps through public meetings and other means to ensure that they are aware of their entitlements and legal rights.
Indigenous Peoples	No indigenous people concerned.

### Stakeholder Communication, Participation, and Consultation

During Project Design	The main initial stakeholders are ADB, the Jiangsu provincial government; the governments of the Yancheng and project districts/cities/counties; and the population in the project areas, including farmers and fishermen. The PPTA is currently undertaking stakeholder consultations to identify opportunities for effective stakeholder participation. Their needs and perceived benefits are being identified and assessed through stakeholder meetings at various levels. The ensuing project will provide opportunities for participation in the ecological compensation program, eco-tourism, and alternative livelihoods programs. The level of participation envisaged for project design include information sharing, consultation, and collaborative decision making. The project may be classified as biodiversity conservation in nature, for which consultation process will primarily include needs assessment of the beneficiaries to be fed into the project design during PPTA. An overall C&P plan will be prepared; and C&P will form part of the design of the various outputs, and part of the monitoring and evaluation of the project's environmental and social impacts.
During Project Implementation	The project involves local communities regarding land use planning, habitats protection, and household ecotourism. Local communities are frequently consulted. Monitoring reports for safeguard implementation are disclosed in the ADB's website.

### Business Opportunities

Consulting Services	Consultants are recruited in line with ADB's Guidelines on the Use of Consultants 2013. Five individual consultants were recruited under the loan in areas of ecosystem project management, wetland restoration and management, ecosystem protection project management and performance monitoring, environment safeguards, and social safeguards. The rest of consulting services will be recruited under GEF grant. Consulting services funded through the GEF grant include (i) a comprehensive team for wetland management and environmental governance; (ii) two studies on community-based pilots and operational management plans for nature reserves; (iii) a policy research on eco-compensation; (iv) a training of trainers program for wetlands management; (v) a national training specialist to oversee the training of trainers program; and (vi) miscellaneous individual consultants to support PMO with project management and evaluation. The consulting firm for component (i) was recruited in November 2015.
Procurement	All procurement of goods and works are carried out in accordance with ADB's Procurement Guidelines 2015. Contracts for goods estimated to exceed \$3.0 million and contracts for works estimated to exceed \$40.0 million will be procured using international competitive bidding procedures. Contracts for goods and works estimated to cost less than the international competitive bidding values, but more than \$100,000, will be procured through national competitive bidding procedures in accordance with the PRC Tendering and Bidding Law, 1999, subject to modifications agreed upon with ADB. Contracts for goods and works estimated to cost \$100,000 or less shall be procured using shopping procedures. The relevant sections of ADB's Anticorruption Policy (1998, as amended to date) will be included in all procurement documents and contracts.

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Responsible ADB Division	PRC Resident Mission
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### Timetable

Concept Clearance	12 Aug 2011
Fact Finding	-
MRM	20 Oct 2011
Approval	16 Dec 2011
Last Review Mission	-
Last PDS Update	16 Sep 2019

## Grant 0311-PRC

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
18 Sep 2012	31 Oct 2013	18 Dec 2013	31 Dec 2017	31 Jan 2019	29 Jul 2019

Financing Plan			Grant Utilization			
	Total (Amount in US\$ million)		Date	ADB	Others	Net Percentage
Project Cost	2.25	Cumulative Contract Awards				
ADB	0.00	17 Jun 2022	0.00	1.44	64%	
Counterpart	0.00	Cumulative Disbursements				
Cofinancing	2.25	17 Jun 2022	0.00	1.44	64%	

Status of Covenants						
Category	Sector	Safeguards	Social	Financial	Economic	Others
Rating	-	Satisfactory	-	-	-	-

## Loan 2838-PRC

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
16 Dec 2011	22 Mar 2012	23 Aug 2012	31 Dec 2017	31 Jan 2019	29 Jul 2019

Financing Plan			Loan Utilization			
	Total (Amount in US\$ million)		Date	ADB	Others	Net Percentage
Project Cost	79.23	Cumulative Contract Awards				
ADB	36.90	17 Jun 2022	25.79	0.00	100%	
Counterpart	42.33	Cumulative Disbursements				
Cofinancing	0.00	17 Jun 2022	25.79	0.00	100%	

Status of Covenants						
Category	Sector	Safeguards	Social	Financial	Economic	Others
Rating	-	Satisfactory	-	-	-	-

Project Page	<a href="https://www.adb.org/projects/40685-013/main">https://www.adb.org/projects/40685-013/main</a>
Request for Information	<a href="http://www.adb.org/forms/request-information-form?subject=40685-013">http://www.adb.org/forms/request-information-form?subject=40685-013</a>
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