



Implementing the Strategic Action Programme for the South China Sea and Gulf of Thailand (SCS SAP) Project

Second Meeting of the Regional Scientific and Technical Committee (RSTC)

23-25 July 2024, Bangkok, Thailand

Report of Status and Progress of the SCS SAP Project implementation

China

South China Institute of Environmental Sciences, MEE



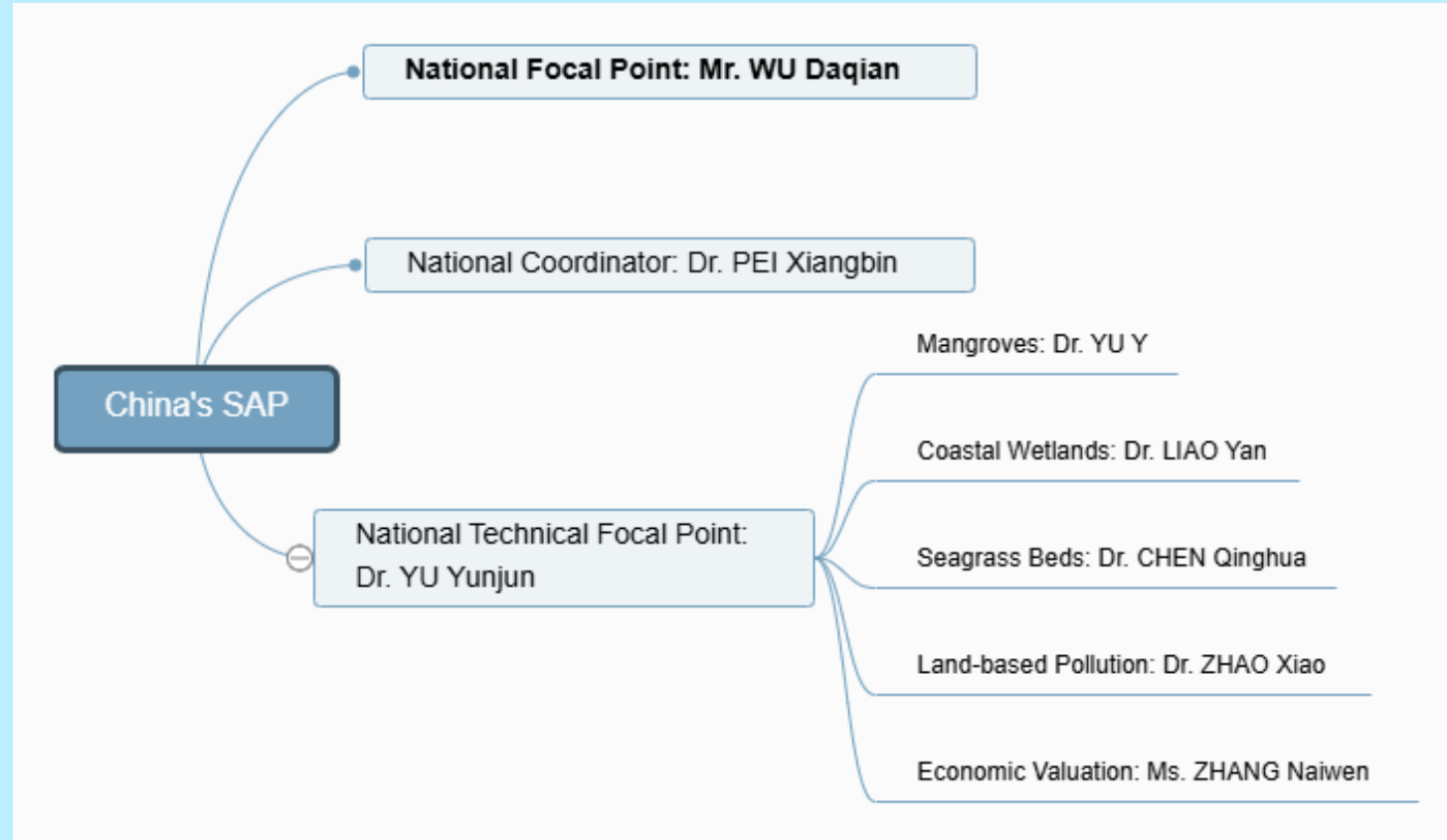


Updated National Coordination Framework

Focal Ministry: **Ministry of Ecology and Environment**

Executing (leading) Agency: South China Institute of Environmental Sciences, MEE

Key Partner Organizations: provincial departments of ecology and environment





Status of PCA/GSA signature and amendment

Time of signing the first PCA: **Nov. 2022**

Time of signing the amended PCA: **June 2024**

Amendment for all 3 components: **Yes**

Challenges resulting in the delay:

- ① **Fourteen project sites, too many activities to be implemented.**
- ② **Limited financial resources**
- ③ **Difficult to obtain basic data at sites**

Solutions to speed up:

- ① **to optimize the implementation of sites activities**
- ② **to enhance resource mobilization**
- ③ **to strengthen communication with local departments**



Progress in implementing the signed PCA

Timing issues : **extended to June 2026**

Key achievements up to present:

1/ Under the financial support of the Ministry of Finance and relevant local governments, about 596.7 ha of mangroves has been planted: Shankou site (113 ha), Zhanjiang site (about 200 ha), Yangjiang site (83.7 ha), Huidong site (200 ha);





Progress in implementing the signed PCA

Timing issues : **extended to June 2026**

Key achievements up to present:

2/Compilation of several best practices and guidelines of mangroves restoration and replantation;



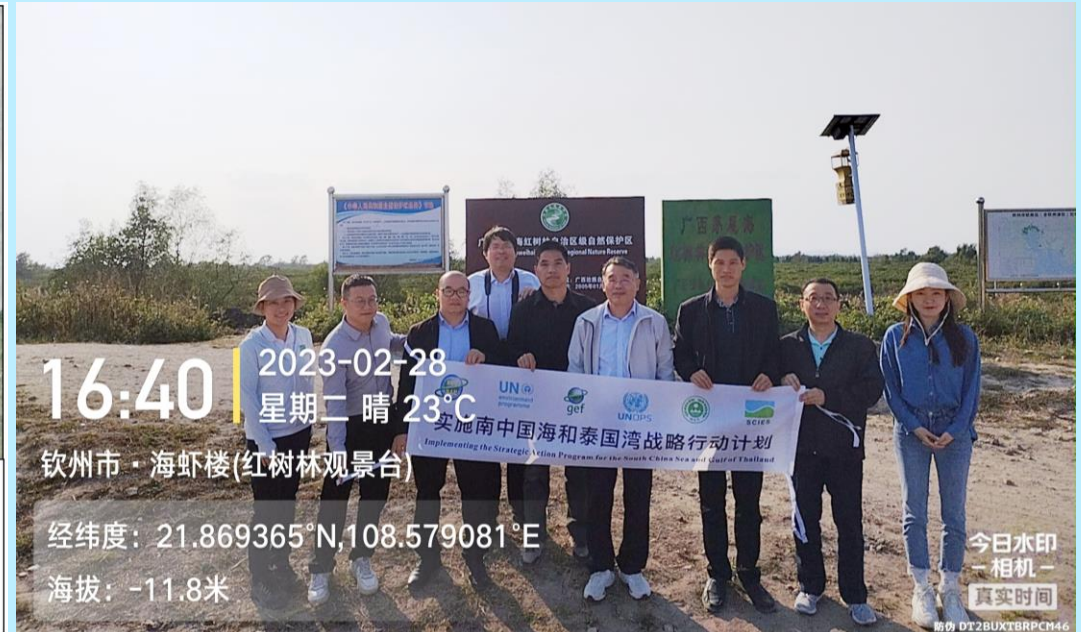


Progress in implementing the signed PCA

Timing issues : **extended to June 2026**

Key achievements up to present:

3/The integrated management plan for the Maowei site was developed and adopted ;





Progress in implementing the signed PCA

Timing issues : **extended to June 2026**

4/Research Report on strengthening the ecological protection of seagrass beds in China were submitted to the Ministry of Ecology and Environment;



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Progress in implementing the signed PCA

Timing issues : **extended to June 2026**

Key achievements up to present:

5/Established monitoring indicators and evaluation methodology for management effectiveness of project sites/habitats.

目标层	准则层	亚准则层	要素层	指标性质	赋分方法
红树林示范区管理与保护绩效	管理指标	管理能力	规划编制与实施	定性	等级评判赋分法
			动态监测	定性	
		管理方法	规章制定	定性	
			日常维护	定性	
			社区参与	定性	
			功能区划	定性	
	生态环境指标	核心物种	红树林面积	定量	动态评估/参照评估
			红树林密度	定量	
			红树林盖度	定量	
		生境概况	大型底栖动物密度	定量	
社会经济指标	总体概况	入侵物种或有害生物	定量	等级评判赋分法	
		生态旅游	定性		
		宣传教育	定性		
		公众参与	公众保护意识	定性	






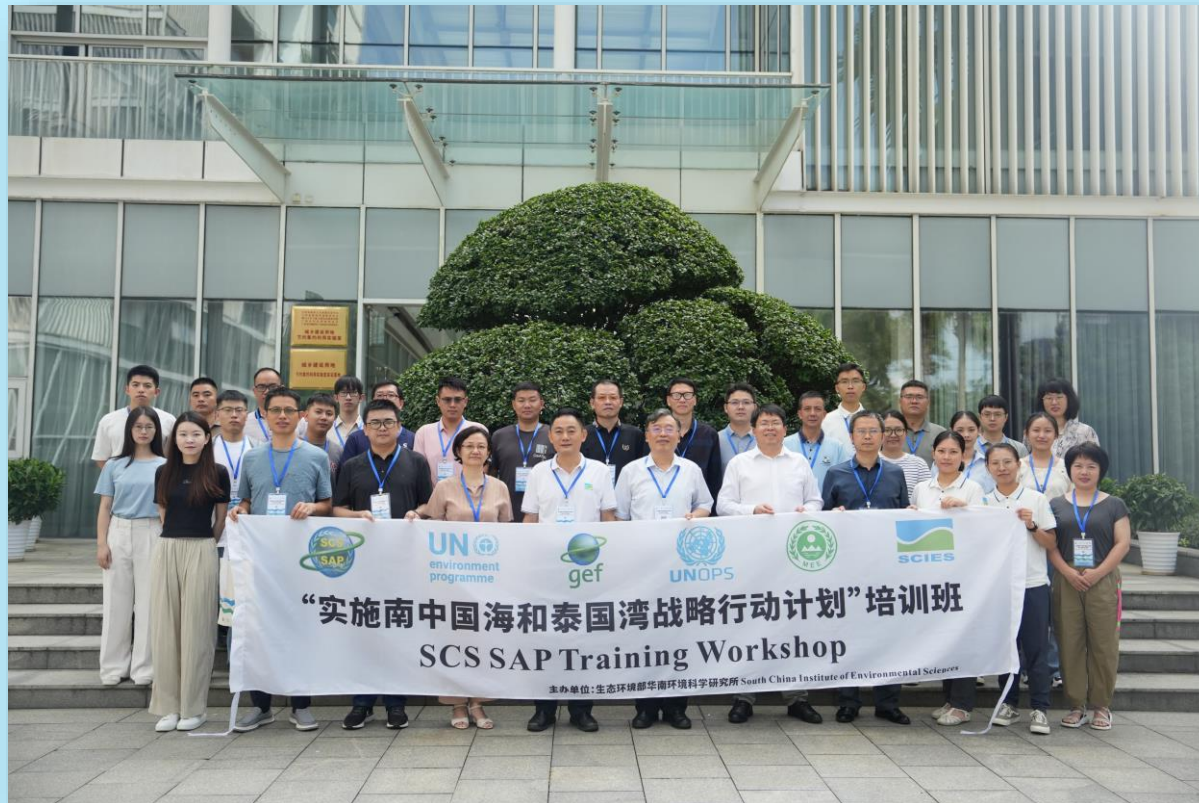


Progress in implementing the signed PCA

Timing issues : **extended to June 2026**

Key achievements up to present:

6/Training Workshop organized in Sept. 2023.



“实施南中国海和泰国湾战略行动计划”
培训班

会议手册

中国·广州
2023年9月19日-21日



Progress in implementing the signed PCA/GSA

Timing issues : **extended to June 2026**

List of changed activities and reasons: **mangroves**

Outputs	<i>Dong zhaigang</i>	<i>Shankou</i>	<i>Zhan jiang</i>	<i>Yang jiang</i>	<i>Huidong</i>
Activity 1.1.3.1 Review regulation, policies and measures for sustainable use implemented in demonstration site in line with national regulation and policies.	Q3, 2023 /Q2,2025	Q3, 2023 /Q2,2025	Q3, 2023 /Q2,2025		Q3, 2023 /Q2,2025
Activity 1.1.3.2 Recommendations on regulations, policies and measures to support sustainable use management of mangrove areas at demonstration sites.	Q4, 2023 /Q2,2025	Q4, 2023 /Q2,2025	Q4, 2023 /Q2,2025		Q4, 2023 /Q2,2025
Activity 1.1.3.3 Promote cooperation from private sectors on ecotourism to enhance the conservation and protection of the natural resources.	Q3, 2023 /Q2,2025				



Progress in implementing the signed PCA/GSA

Timing issues : **extended to June 2026**

List of changed activities and reasons: **mangroves**

outputs	<i>Dong zhaigang</i>	<i>Shankou</i>	<i>Zhan jiang</i>	<i>Yang jiang</i>	<i>Huidong</i>
Activity 1.1.4.2 Replant mangroves in historical distribution area and suitable land (co-financed).				Q1, 2024 /Q2,2025	Q1, 2024 /Q2,2024
Activity 1.1.5.1 Mangrove pests control demonstration.				Q2, 2023 / Q4,2024	
Activity 1.1.5.2 Monitor biodiversity change after restoration.	Q2, 2024 /Q2,2025	Q2, 2024 /Q2,2025			
Activity 1.1.6.1 Reporting on the effectiveness of mangrove replanting and restoration.					Q2, 2024 /Q4,2024
Activity 1.1.6.2 Collecting data and reporting on mangrove management effectiveness.	Q2, 2024 /Q2,2025	Q2, 2024 /Q2,2025	Q2, 2024 /Q2,2025		



Progress in implementing the signed PCA/GSA

Timing issues : **extended to June 2026**

List of changed activities and reasons: **seagrass beds**

Outputs	<i>Li'an, Xincun</i>	<i>Hepu</i>	<i>Liusha wan</i>	<i>Yifengxi</i>
Activity 1.3.1.1 Assessment of specific laws, regulations, policies, national and provincial action plans for the conservation and management of seagrass, and gap analysis.	Q4 2023/ Q2 2024	Q3 2023/ Q2 2024	Q3 2023/ Q2 2024	
Activity 1.3.1.2 Collect data and material of seagrass survey in the demonstration area, and assessment the current state of management of seagrass in the demonstration area and provide policy recommendations.	Q1 2023/ Q2 2024			
Activity 1.3.1.3 Assessment the current state of management of seagrass in the demonstration area and provide policy recommendations.		Q3 2023/ Q2 2024	Q1 2023/ Q2 2024	
Activity 1.3.1.4 Develop recommendations to amend local regulations concerning the protection and restoration for seagrass.				Q1 2024/ Q4 2024



Progress in implementing the signed PCA/GSA

Timing issues : **extended to June 2026**

List of changed activities and reasons: **seagrass beds**

Outputs	<i>Li'an, Xincun</i>	<i>Hepu</i>	<i>Liusha wan</i>	<i>Yifengxi</i>
Activity 1.3.1.5 Develop recommendations to amend local regulations concerning the protection and restoration for seagrass.			Q1 2024/ Q3 2024	
Activity 1.3.2.1 Policy recommendations for management plans of the seagrass reserve in demonstration sites	Q2 2024/ Q4 2024	Q2 2024/ Q4 2024	Q2 2024/ Q4 2024	
Activity 1.3.4.2 Collect data, then prepare report on effectiveness of seagrass protection and management.	Q2 2024/ Q2 2025	Q2 2024/ Q2 2025		
Activity 1.3.4.1.Discuss with stakeholders to select monitoring indicators, and to develop guideline for monitoring based on SAP management indicator matrix. (co-financed)				Q3 2023/ Q4 2024
Activity 1.3.4.2 Collect data, then prepare report on effectiveness of seagrass protection and management.	Q2 2024/ Q2 2025	Q2 2024/ Q2 2025	Q2 2024/ Q2 2025	Q2 2024/ Q2 2025



Progress in implementing the signed PCA/GSA

Timing issues : **extended to June 2026**

List of changed activities and reasons: **wetlands**

Outputs	<i>Danzhou , Xinyingwan</i>	<i>Maowei hai</i>	<i>Pearl River estuary</i>	<i>Dahu</i>
Activity 1.4.1.1 Survey and assessment of wetland biodiversity.	Q4 2024		Q4 2024	Q4,2024
Activity 1.4.1.2 Survey of alien invasive species at the site. <ul style="list-style-type: none">Analyzing the diffusion of alien invasive species.Analyzing the damage of alien invasive species.			Q4 2024	



Highlights on the country report on achievements in implementing the SAP during 2008-2021

- Time of adoption for publication:
- Key achievements on management of mangroves, coral reefs, seagrass beds, coastal wetlands and LbP

1/ The Special Action Plan on Mangrove Conservation and Restoration (Year 2020-2025) was released in 2020 so that the area of mangrove distribution increased ;

2/National Wetland Protection Law was promulgated in 2021 so that coastal wetland protection and restoration was strengthened;

3/ The Action Plan for Controlling Water Pollution was released and implemented so that coastal water quality was improved and met the water quality target in the SAP.



Status in documenting good practices

List of good practices documented:

- 1/ Coastal eco-restoration and comprehensive watershed improvement in Beihai, China
- 2/ **The Mangrove Wetland Restoration at Shenzhen Bay, China**
- 3/ comprehensive watershed improvement of Maozhou River in Shenzhen, China
- 4/ **Integrated management of water quality of Qianshan River in Zhuhai, China**
- 5/ Watershed treatment and coastal wetland restoration at Maoweihei, Guangxi
- 6/ **Nature-based solutions and watershed approaches to eco-restore the Haikou bay, China**
- 7/ Mangrove co-management at Shankou, China
- 8/ **Whole chain control of plastic pollution in the Pearl River Estuary, China**



Participation in the Special Forum on South China Sea and Roundtable

- Total participants: 21
- **Number of local representatives: 3**
- Number of presenters in the forum: 14
- **Number of talks in the roundtable: 5**

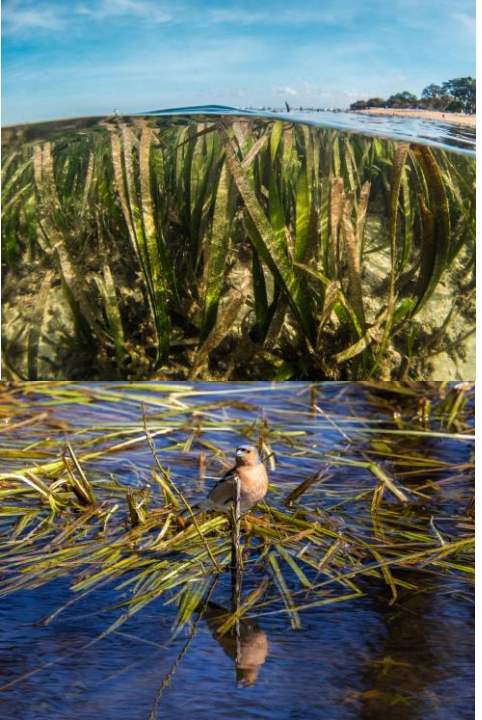




Participation in the Special Forum on South China Sea and Roundtable

- Highlights on networking following the special forum:
 - 1/ Several good practices of habitat conservation shared
 - 2/ Connections among sites established
 - 3/ **B**eautiful **C**oasts **C**ampaign in China introduced





Challenges encountered in the implementation of the SCS SAP Project and Recommendations

Present challenges:

Many unimplemented activities vs. limited time/ resources.

Recommendations:

1. Focusing on key issues that nations concern;
2. Combining with new international initiatives and national initiatives;
3. Fully considering existing practical conditions.

Action points:

Taking approaches from national level to regional level & from regional level to national level



National data and knowledge management systems and tools (Agenda 6)

List of systems and tools developed and used (past and present):

1/Ovital map, ArcGIS, etc..

2/ Geospatial Data Cloud, China(gscloud.cn)

3/Vector dataset of mangrove forests along the coast of Guangdong Province from 2015 to 2020

(<http://www.dx.doi.org/10.11922/sciencedb.j00001.00199>)

4/FVCOM, MIKE, etc.

5/ R, MatLab, etc.

Thank you very much!
感谢聆听!

