

*From strategy to action: Charting the course  
for enduring impact and a resilient future for the SEAs*



**Third Meeting of the Regional Project Steering Committee (PSC)  
of the SCS SAP Project**  
7-8 May 2025, Manila, Philippines

**Report on National Activities to Implement the SCS SAP Project**  
(for the period January 2023 – April 2025)

**[China]**

[Dr. YU Yunjun]





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# The National Set-up of the Project in China

## Ministry of Ecology and Environment

The leading agency responsible for national implementation

## National Technical Working Group

A group of experts working on technical aspects of national implementation.

## Inter-ministerial Committee

A committee composed of representatives from various ministries and three provincial departments.

## National Technical Focal Point

Dr. YU Yunjun  
The expert providing technical guidance on environmental issues.

## National Focal Point

Mr. WU Daqian  
The primary contact person for environmental matters.

## SCIES is the leading Specialized Executing Agency



### Mangrove

Dr. YU Yunjun is the focal point for Mangrove.



### Seagrass

Dr. CHEN Qinghua is the focal point for Seagrass.



### Coastal Wetland

Dr. LIAO Yan is the focal point for Coastal Wetland.



### Land-based Pollution

Dr. ZHAO Xiao is the focal point for Land-based Pollution.



### Economic Valuation expert

LI Qiuyan is as Economic Valuation expert.

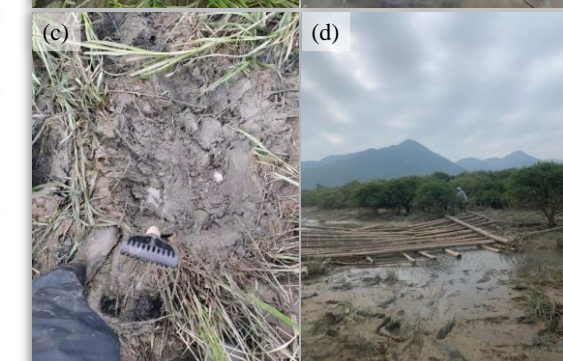
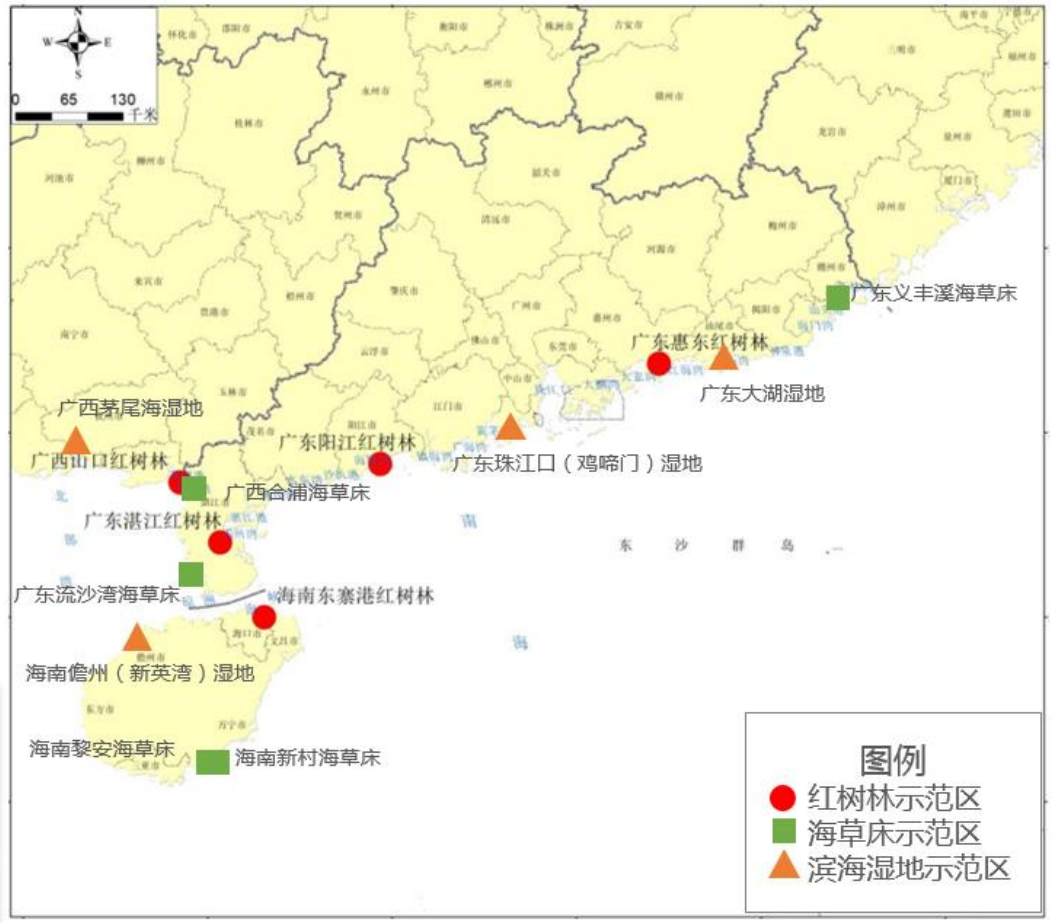
3rd SCS SAP  
PSC Meeting:



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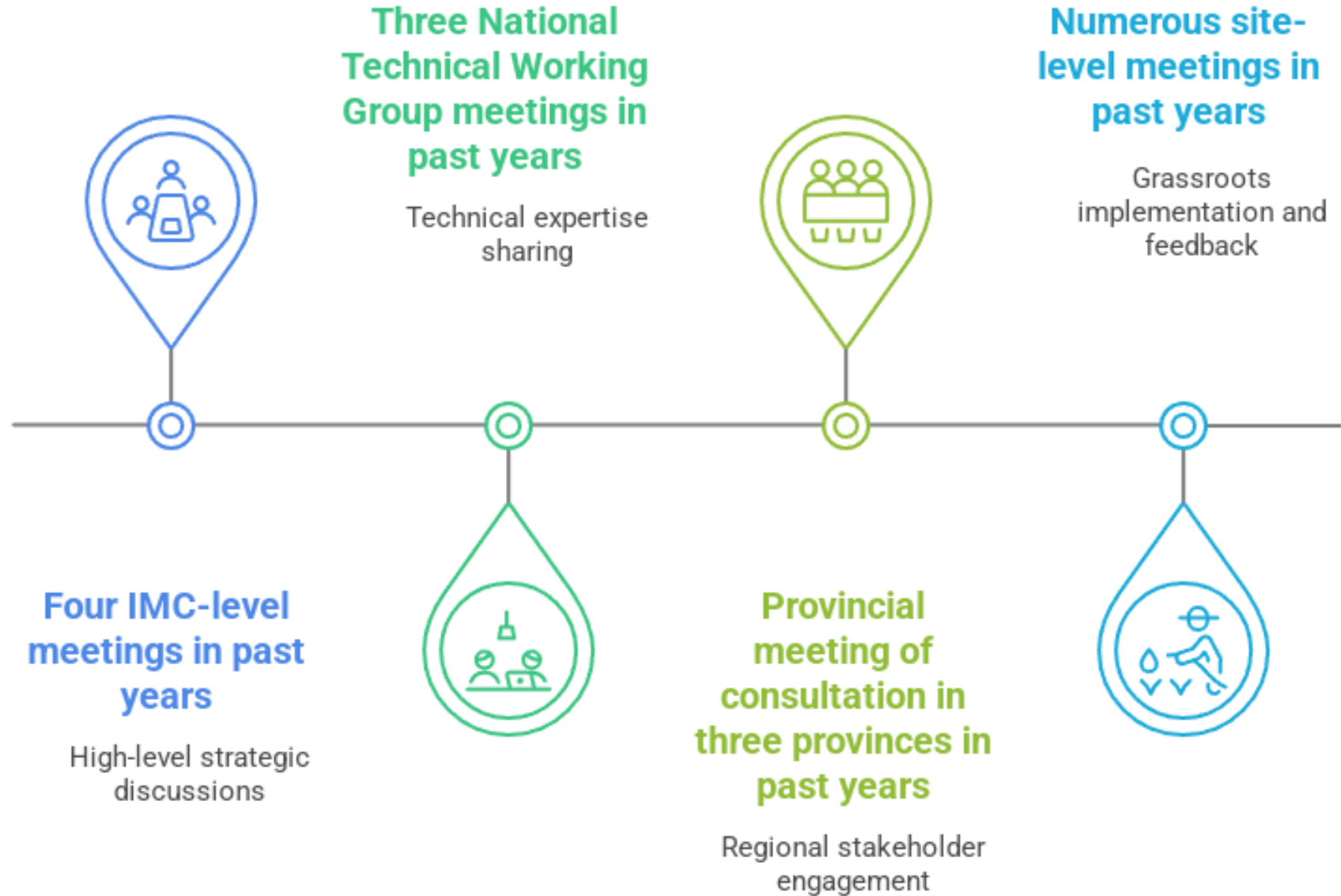
# Sites and Activities of SCS SAP Project in China





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# Key national meetings (IMC/NSC, NTWGs) related to SCS SAP Project during January 2023 – April 2025



3<sup>rd</sup> SCS SAP  
PSC Meeting:



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## Key national meetings (IMC/NSC, NTWGs) related to SCS SAP Project during January 2023 – April 2025

Title of the meeting	Location & Date	No. participants
The first meeting of IMC	Online, Aug.17, 2022	15
The 2 <sup>nd</sup> meeting of IMC China	Ministry of Ecology and Environment (hybrid) , Jun.12, 2024	17
Meeting with Chair of IMC on implementing activities of SCS SAP project	Ministry of Ecology and Environment (hybrid) Mar. 31, 2025	18
The 3 <sup>rd</sup> meeting of IMC in China	Ministry of Ecology and Environment Apr. 27, 2025	8



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## Highlights of key activities at the sites to support the implementation of the SAP during 2023– April 2025

Title of the meeting	Location & Date	No. participants
Meeting with Department of Ecology and Environment of Guangxi Zhuang Autonomous Region (DEE, GZAR)	Nanning, GZAR, Feb. 27, 2023	16
Meeting with the Bureau of Ecology and Environment of Qinzhou city (BEE)	Qinzhou, GZAR, Feb. 28, 2023	15
Meeting with Guangxi Marine Environment Monitoring Center (GMEMC)	Beihai, GZAR Mar. 1, 2023	13
Meeting with Department of Ecology and Environment of Hainan Province	Haikou, Hainan, Apr. 17, 2023	15
Local consultation meeting on Danzhou site	Danzhou, Hainan, Apr. 18	8
Local consultation meeting on Dongzhaigang site	Haikou, Hainan, Apr. 18, 2023	9
Local consultation meeting on Li an & Xi cun seagrass site	Lingshui County, Apr. 19, 2023	10
Meeting with Department of Environment and Ecology of Guangdong Province	Guangzhou, June 14, 2023	9
The training workshop on the implementation of SCS SAP	Guangzhou, Sep 19-21	35
Meeting on Seagrass conservation and restoration research with staff of Mangrove Research Center (hereinafter referred to as MRC)	Mangrove Research Center, Jan. 4, 2024	9



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# Highlights of key activities at the sites to support the implementation of the SAP during 2023– April 2025

Local Consultations/meetings/trainings: [title, locality & number of participants]

Title of the meeting	Location & Date	No. participants
Meeting on Seagrass restoration at Hepu site with staff of the Dugong National Nature Reserve Management Center (hereinafter referred to as LNNRMC)	Dugong National Nature Reserve Management Center , Jan. 5 2024	8
Local consultation meeting on Yifengxi seagrass site	Shantou, 23 Sep. 2024	8
Local consultation meeting on the management plan of Dahu wetland site	Guangdong Haifeng Bird Nature Reserve 25 Sep.	12
Local consultation meeting on the Seagrass site in Liushawan, Zhanjiang city	9 Jan. ,2025	8



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# Land-based Pollution related activities at national and provincial levels during 2023 – April 2025

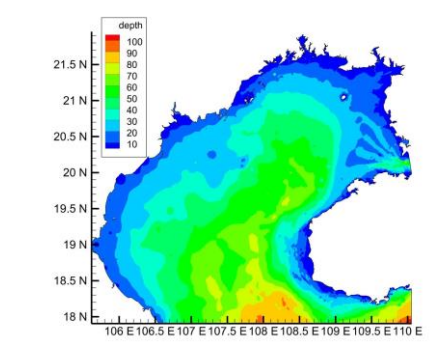
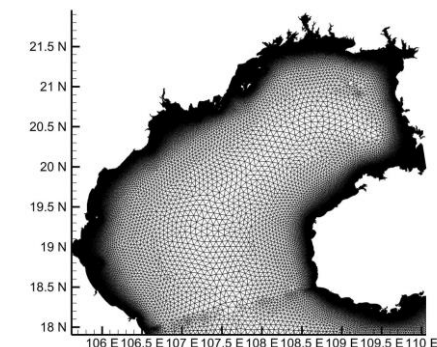
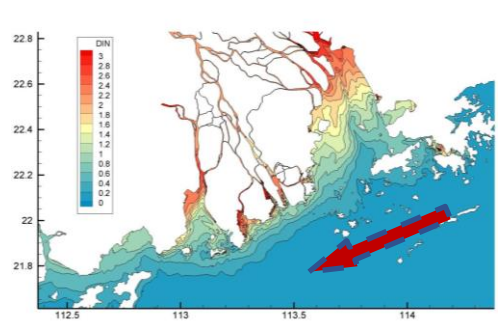
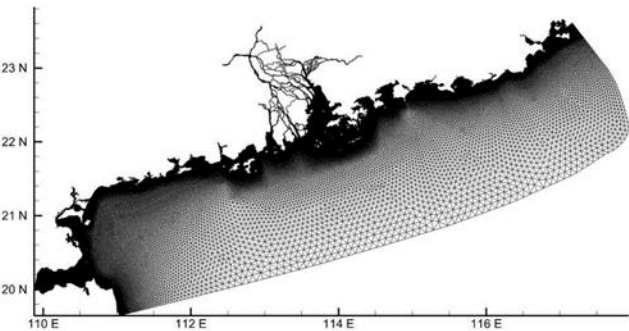
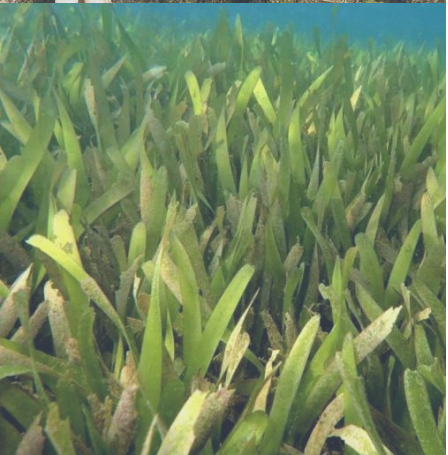
1. Numerical simulation. A numerical model of the South China Sea nearshore area based on FVCOM has been established, which has successfully supported national strategic decision-making and regional land-based pollution reduction work such as the comprehensive management of key sea areas.

## 2. Effluent Guidelines for Aquaculture in Gd, Gx and Hainan (Co-financed)

3. Launched the Revision of the regulation on marine environmental protection in Guangdong Province, and made it into a legislative program.

## 4. Financial Mechanism for water pollution control established in 2015. Similar mechanism for coastal pollution control in Gd province since 2019.

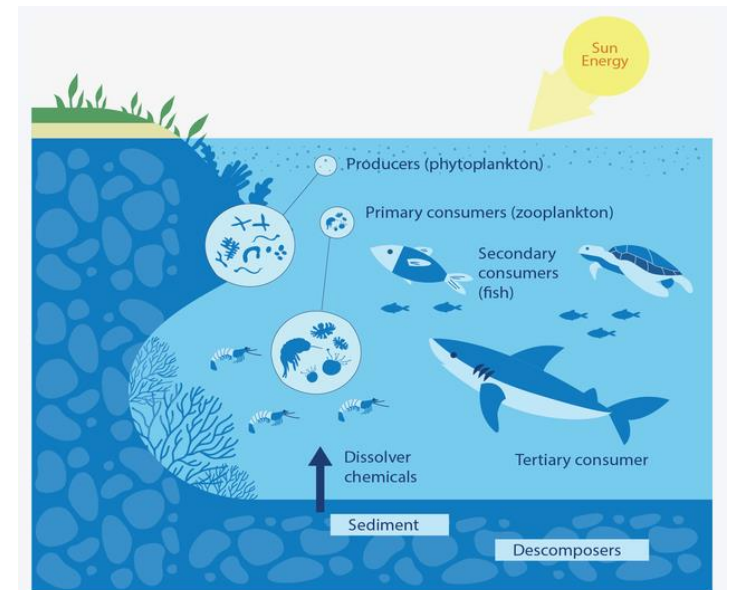
5. Best practice of land-based pollution in China compiled.





## Economic valuation related activities at national and site levels during June 2021 – April 2025

1. Guidelines on Establishing and Improving the Value Realization Mechanism for Ecological Products was released in April 2021
2. Practice of Marine Gross Ecosystem Product at different level
3. Consulting process for Technical Guidelines for Assessing Ecological Product Value of Marine Ecosystem in May 2024.
4. Consulting Meeting held in Sept. 2024
5. Data for economic valuation of sites were collected





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## Science and policies related to blue carbon and blue economy

[Highlight of key studies, project, policies on blue carbon & blue economy for the period of 2023-April 2025]

1. Administrative Measures for Voluntary Greenhouse Gas Emission Reduction (CCER) Trading was released in Oct. 2023.
2. Related methodologies of blue carbon developed at the national or provincial level
3. Trading practices in Guangdong, Guangxi and Hainan.
4. Spatial Planning of Guangdong, Guangxi and Hainan Province was approved in 2023.





## Highlights of outcomes to support the implementation of the SAP during 2023– April 2025

1. A bibliometric analysis of seagrass sediment: Interpretation and prospects for research hotspots (**Marine Environmental Research**)
2. Functional traits of macrobenthos substantially indicated habitat change from the invasive saltmarsh to introduced mangrove (**Science of the Total Environment**)
3. Evaluating the effectiveness of the ecological redline policy in conserving mangroves via assessment on coverage and carbon storage (**Environmental and Sustainability Indicators**)
4. Differential mediation of biogeochemical processes through bioturbation by fiddler and sesarmid mangrove crabs (**Marine Pollution Bulletin**)
5. Shankou Mangrove Biodiversity Report
6. Shankou Mangrove Ecosystem Status Report
7. Shankou Performance Report of Mangrove Management
8. Evaluation Report of Revising Local Regulations for Sustainable Seagrass Management
9. Evaluation Reports on the Management Effectiveness of the Pearl River Estuary





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## Highlights of key activities at the sites to support the implementation of the SAP during 2023– April 2025

Site Name	Key Activities Performed	Participants
Huidong	Conducted an awareness-raising activity toward local students at Huidong site on 5 June 2023.	Local students, Scies staffs
Shankou	The activity on mangrove science popularization at local communities was conducted together with the Shankou nature reserve administration.	Local public, Shankou nature reserve administration staffs, Scies staffs
	Jointly held a wetland science lecture on the local school at the international wetland Day on Feb. 2 2024	Local students, Scies staffs
Dahu	On 16 September 2023, SCIES jointly with the Guangdong Haifeng Bird nature reserve Management Office, carried out the coastal cleanup activities at Duhu site.	Local public, students, Guangdong Haifeng Bird nature reserve Management Office staffs, Scies staffs

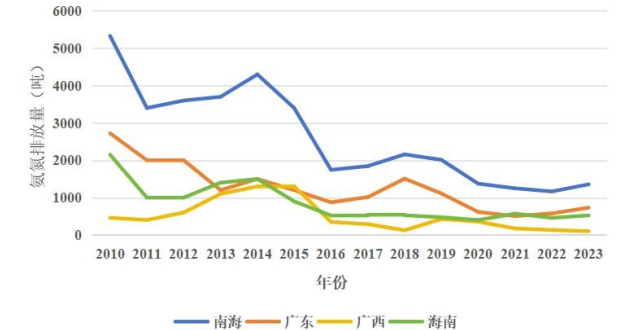
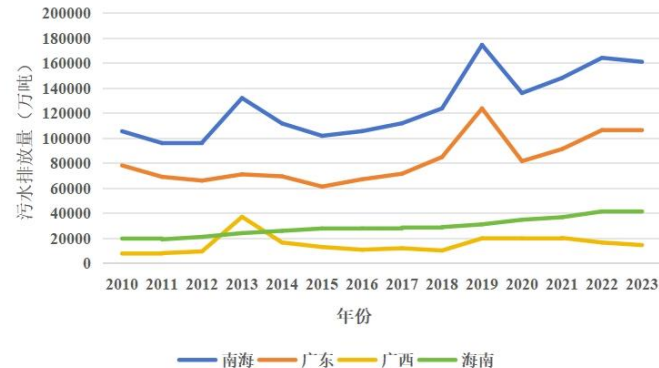
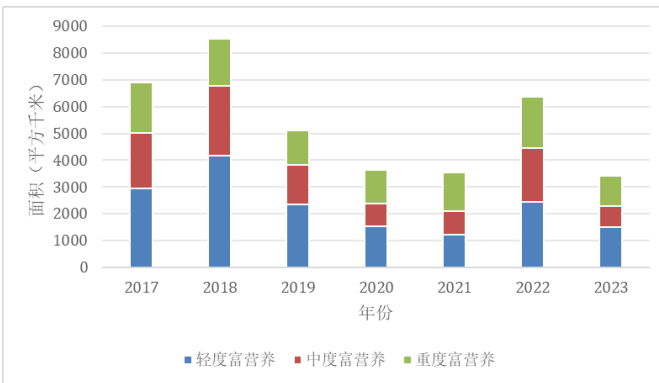


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# Highlights of key activities at the sites to support the implementation of the SAP during 2023– April 2025

## Summary of the progress in development of National TDA

1. Team of TDA was formed
2. Zero Draft of TDA was finished in April 2025
3. It is difficult to collect the provincial marine economic data to quantify the losses caused by extreme climate events through classification to identify the gaps of the existing governance using collected data. It is lack of data on hazardous waste, industrial waste, oil pollution and atmospheric pollution.





## Issues and Challenges

Present the issues and challenges encountered in implementing the SAP and actions taken to address it since the 2<sup>nd</sup> PSC meeting

- ❖ The overall design of the project is too complex to implement
- ❖ It is a big challenge in term of data assembly, especially as required by the regional team.

## Lessons Learned

- ❖ Present the lessons learned in implementing the SAP at the national level
- ✓ Ecological civilization is the basic philosophy in China
- ✓ Strong coordination between the national coordinator and the focal points of different working groups
- ✓ To integrate the activities of SAP with plans and local requirements





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## Recommendations

- ❖ To speed up the implementation of regional activities, such as small grant programme.
- ❖ To simplify monitoring and reporting with regular meetings among working groups

## Conclusions

- The current progress in China is satisfactory. But there are still a lot of activities to conduct.
- To integrate the national activities into the local requirements.
- National activities and outcomes will contribute to the regional goals.

**Thank you for your attention!**

