



UNDP/GEF PROJECT ENTITLED “REDUCING ENVIRONMENTAL STRESS IN THE YELLOW SEA LARGE MARINE ECOSYSTEM”

UNDP/GEF/YS/RWG-E.3/7
Date: 22 August 2006
English only

Third Meeting of the Regional Working Group for the Ecosystem Component *Jeju, Republic of Korea, 18 – 21 September 2006*

2006 Completed and On-going Activities Of the Ecosystem Component

1. During 2006, the Ecosystem Component of the Project witnessed the accomplishment of some activities and the initiation of new activities, some of which are on-going, but some of which were not initiated. The activities are described below.

Agenda 5.2.1 Co-operative study cruises

2. From 2005 to 2006, extensive discussions took place regarding the co-operative study cruises. All together, three technical meetings were held for all cruise leaders to discuss and finalise arrangements for the winter and spring cruise. Both technical and logistical issues for the Ecosystem Group were agreed and finalised for the Spring Cruise in June 2006.
3. At the time that this document was prepared, the Winter Cruise had been postponed from 2006 to 2007; the Spring Cruise was scheduled for September 2006, as Summer Cruise, but no formal approval had been obtained yet. During the meeting, updates about the co-operative study cruises will be provided.

Agenda 5.2.2 EAS Congress

4. During the First Project Steering Committee (PSC) Meeting in March 2005, the PEMSEA Director alerted the Project to PEMSEA’s biennial activity – the EAS Congress. Following the spirit of regional co-operation and approval by PSC to participate in this activity, the Project has decided to collaborate with PEMSEA at the Congress.
5. The Project will organise a session on the “Yellow Sea Partnership,” focusing on the partner’s public awareness activities. The session will showcase how a partnership can reach out to a wider stakeholdership through co-operative efforts in public awareness activities. The session will serve as an example to the Congress of one

mechanism that international projects may consider in order to spread public awareness activities and messages to a wide range of stakeholders. The session will also invite interested organisations to consider joining the partnership, and allow current partners to meet and discuss activities in which they would like to collaborate with each other.

6. The Project will also display an Exhibition Booth that will illustrate the Project's objectives, achievements-to-date, and future actions. The outline of the topics to display at the exhibition is attached as [Appendix 1](#). Participants are invited to suggest some items to display.
7. Finally, the Project has been invited to participate at other Congress sessions, such as giving a presentation at the eco-labelling session and the data and information session.

Agenda 5.2.3 Other activities

Sustainability of LMEs: Bridging the Governance and Socio-economics Gap Workshop

8. This event took place in USA, in March 2006, with some RWG-E members attending the workshop. The workshop aimed to advance the Governance and Socio-economic Modules of LMEs by enhancing the capacity of scientists, policy makers and managers from developing countries and countries in transition involved in Large Marine Ecosystem (LME) initiatives. Specifically, the workshop discussed alternative governance structures and processes, self-financing strategies, frameworks and indicators to measure progress for adaptive management under TDA/SAP regimes and strengthen the linkages between the five LME modules. The RWG-E members participated, shared their experiences, and learned new tools and techniques at this workshop. The major output of the workshop was a handbook on the Governance and Socioeconomics of LMEs. The digital copy of the handbook is available from the PMO.
9. The RWG-E members that participated in the workshop will report to the Meeting on any relevant topics from the workshop that can be applied to the SAP development, which is a major task of the Project over the next two years.
10. Members should keep in mind the relevant topics that are mentioned, and apply them to the discussion on SAP development during Agenda 7.1.

Ecosystem monitoring guidelines

11. This activity was discussed during the 2nd RWG-E Meeting. It was advertised twice, but no one bid for the work each time. It is proposed to shift this activity to the set of activities contributing to SAP development and will be re-visited in Agenda 7.1. The advertised TOR is attached as [Appendix 2](#).

Demonstration of new and innovative technologies for monitoring ecosystem

12. This activity was another item mentioned during the 2nd RWG-E Meeting, with the agreements that the CPR should be used on the spring cruise. At this meeting, members should provide concrete guidance on how the CPR should be used in

future activities to contribute to the YSLME Project and regional ecosystem monitoring.

13. Other required equipment for ecosystem monitoring may be suggested and purchased, if necessary. However, agreement must be reached first on the kinds of activities to implement using the equipment to be purchased.

Regional remote sensing workshop

14. This activity was discussed during the 2nd RWG-E Meeting, and the Chairperson and PMO agreed to examine possible collaborative efforts to be finalised during the 3rd RWG-E Meeting.
15. RWG-E members and PMO staff attended the NOWPAP-CEARAC Workshop on remote sensing in August 2006, Busan. From the PMO point of view, the aim was to see what kinds of remote sensing research are being carried out in this region, and also to explore the remote sensing programmes of NOWPAP with which the Project could collaborate.
16. Members are requested to provide guidance on how and with whom this activity should be implemented.

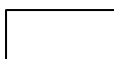
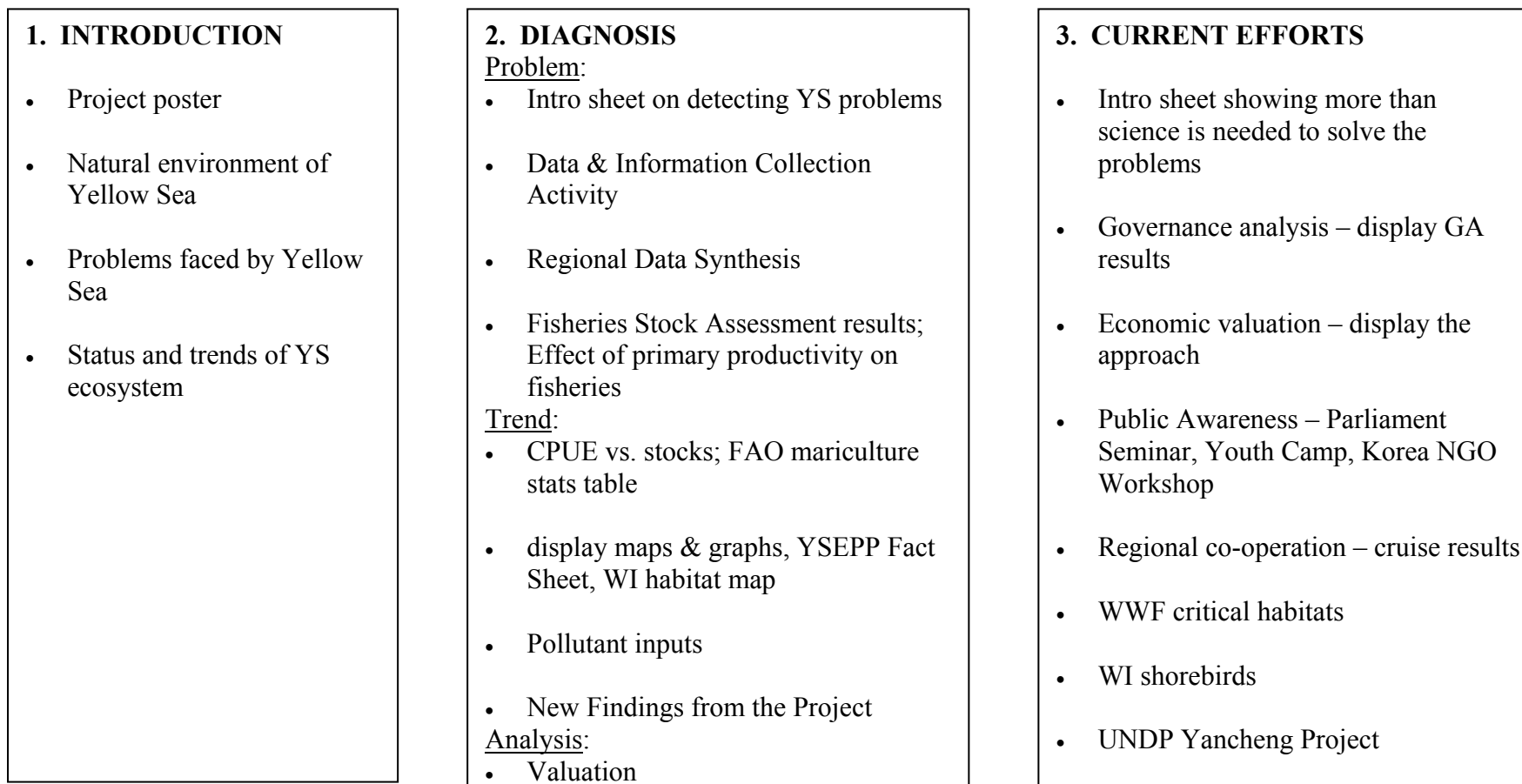
Regional synthesis to assess carrying capacity

17. This activity was also discussed during the 2nd RWG-E Meeting, but there was no progress to develop the TOR and advertise the activity. It is proposed that this activity is also shifted to the activities contributing to SAP development in Agenda 7.1. Members should provide guidance on how this activity will be implemented.

Appendix 1

Outline of EAS Congress Exhibition

Proposed title: **YELLOW SEA**



4. MANAGEMENT APPROACHES

- Scientific research – monitoring pollution & ecosystem; CPR results; remote sensing maps
- Public Awareness – YS Partnership, show e-discussion group, website, joint achievements; SGP; highlight future activities
- Legislation – regional agreements, regional strategies – fish & mariculture, conservation areas, pollution control; harmonization of current laws
- Enhance national infrastructure, institutional rearrangements

5. IMPLEMENTING MANAGEMENT ACTIONS

Demonstration and pilot activities for:

- Alternative livelihood opportunities – fisheries
- Investments – pollution control infrastructure, reduction of ecosystem stress
- Sustainable area use management

DISPLAY TABLE

- Project brochure
- Project publications
- Promotional items
- Partner's products that don't fit into the topics



Appendix 2

STATEMENT OF WORK

Consultant to Prepare Regional Guidelines for Monitoring Changes in the Ecosystem

******Proposal submission deadline: 22 June 2006******

1. Background

Following the discussions and agreements from the UNDP/GEF Yellow Sea Project, "Reducing Environmental Stress in the Yellow Sea Large Marine Ecosystem," Regional Working Group for Ecosystem's two meetings (10-13 May 2005 and 29 Nov. – 2 Dec. 2005), one of the agreed activities of the Ecosystem Component is to prepare regional guidelines for monitoring changes in the Yellow Sea ecosystem. The guidelines will assist in proposing actions to be included in the Strategic Action Programme for the region.

Geographic Scope: The Yellow Sea large Marine Ecosystem is defined in the Project Document as the body of water delineated at the south, by a line connecting the north bank of the mouth of the Chang Jiang (Yangtze River) to the south side of Cheju; at the east, by a line connecting Cheju Island to Jindo Island along the coast of the Republic of Korea; and to the north, a line connecting Dalian to Penglai (on the Shandong Peninsula). This latter line separates the Bohai Sea from the Yellow Sea and as a result is not included in this study.

2. Description of Required Services

A consultant will be hired to carry out the main responsibility of preparing regional guidelines for monitoring changes in ecosystem status. The report should contain:

- 1) A review and assessment of existing monitoring methods, and their pros and cons;
- 2) A list of parameters and/or indicators that may be used to monitor and detect changes in ecosystem status;
- 3) Recommendations on new ecosystem monitoring methodologies;
- 4) Recommendations on inter-calibration of sampling and analysis methodologies; and
- 5) Recommendations on managing and sharing ecosystem monitoring data.

The commissioned assignment should be carried out from 1st **July through 31st December 2006**, and is expected to require approximately 80 person-days of work.

Qualifications:

The consultant selected to carry out this task should have the following qualifications:

- At least 15 years proven track record in the area of coastal and marine ecosystem management and/or research.
- Strong natural science background with knowledge of marine ecosystem monitoring, management, and policies.
- Familiarity with ecosystem data management.
- Familiarity with working in the region.

- Good interpersonal skills, and ability to liaise with governments, relevant research institutions, and relevant data centres in the region.
- Proficiency in English.

3. Monitoring/Progress Control

The PMO will assume overall supervision and co-ordination of this task. Programmatic guidance should be sought from the Project Manager, Mr. Yihang Jiang (yihang@yslme.org), copied to Ms. Connie Chiang (connie@yslme.org) at the Yellow Sea PMO.

The final report may be submitted via e-mail to the PMO. All deliverables should be submitted to Ms. Connie Chiang.

4. Expected Outputs/Results

The final product should be a report following the suggested table of contents listed below.

SUGGESTED FINAL REPORT TABLE OF CONTENTS

- I. Background of assignment
- II. Methods used to carry out assignment
- III. Review and assessment of existing monitoring methods
- IV. Indicators to monitor changes in ecosystem status
- V. Recommendations for new ecosystem monitoring methodologies
- VI. Recommendations on sampling and analysis methodologies
- VII. Recommendations on managing and sharing ecosystem monitoring data

BREAKDOWN OF COSTS (USD)

There may be travel costs associated with this task. Travel costs associated with the missions should be included in the fees below. Consultant will make its own travel arrangements unless otherwise agreed in advance with the PMO.

<u>Item</u>	<u>Unit Cost (USD)</u>	<u># of Units</u>	<u>Unit Description</u>	<u>Total Cost (USD)</u>
TOTAL AMOUNT REQUESTED				
