

# Gene Pool Workshop

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# YSLME

(Yellow Sea Large Marine Ecosystem)

- **Project of UNDP/GEF**
- **Objective : Sustainable fisheries management and reducing stress to the Yellow Sea ecosystem provides an opportunity for exploring how this GEF project can further national and regional commitments**
- **Five components : Fisheries, Pollution, Ecosystem, Biodiversity and Investment**

# Gene-Pool Workshop

## ■ Background :

- Facing abrupt environmental changes due to rapid economic growth and increased human activities with global climatic shifts
- Directly impacting biodiversity in the Yellow Sea, But there is little data to quantify and support the theories, that there is genetic degradation occurring in the Yellow Sea
- It is necessary for us to recognize the status of and to develop gene pool activities and research related to biodiversity in the Yellow Sea

# Objectives

- To identify why genetic diversity is important in the Yellow Sea
- To identify whether genetic diversity is under stress in the Yellow Sea. If so, what are the major elements to be considered (the genetic separation of stocks of exploited species, the transport of genetically different stocks from one area to another for culture)
- To find the current status of gene-pool information and research activities of both countries

- To identify what management measures are needed to sustain the role of genetic diversity in the Yellow Sea. This may include the setting up of a Yellow Sea gene or germoplasm bank, data base of Yellow Sea genetic information (gene sequence); essential areas/communities /species for gene pool analysis
- To identify problems and gaps of understanding and knowledge in to countries
- To discuss and suggest activities of gene-pool preparation in the participating contries

# Target

- To aid in the identification of the ecosystem quality objectives or regional targets for genetic diversity
- Evaluation of need and requirements of a gene pool database/gene bank for the Yellow Sea

A photograph of a whale's tail breaching the surface of the ocean. The tail is dark and curved, with a large splash of white water around it. The background shows a blue sky and distant mountains. The word "Thanks!!!" is written in white, bold, sans-serif font across the center of the image.

**Thanks!!!**