

## **Scope**

The Yellow River does not reach often to the Bo-Hai Bay since 1970's because of huge amount of water uses for irrigation at midstream. Water shortage for industrial and drinking water and irrigation occurred, and shortage of river water induces water pollution, drastic decrease in groundwater level and decrease of nutrient transports to the Bo-Hai Sea. The recent crisis in the Yellow River basin is complicated because natural climate fluctuation, global warming, change of land utilization, and water management may affect one another.

In this international workshop, interactions between atmosphere and land, and land and ocean in the Yellow River domain will be discussed. Three kinds of research plans in both Japan and China relevant to the Yellow River domain will be also introduced. Invited speakers will be from Chinese Academy of Science, Ocean University of Qingdao, and International delegates from BAHC and LOICZ of IGBP, and IAHS/IAPSO of IUGG.