

## **THE ADAPTIVE WATER MANAGEMENT IN LOW BEACH OF YELLOW RIVER CHINA**

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### **ABSTRATIC**

Yellow River is famous for heavy sediment-laden characters. It brings many problems, such as channel deposition, river bed deformation and water environment deterioration. In broad and shallow sediment-laden reach of the lower Yellow River, formed special geography — the lower beach area. In this area, the river bed elevation is higher than ground nearly 10 meters, the beach width is from 1700 to 8700 meters, and the channel wanders in this area. And many villages located in this area and more than 1.5 million people lived in. They lead danger life and meanwhile, human activities bring harm to Yellow River health. So treatment in the lower Yellow River is critical for harmony of human and river. In this presentation give some suggestions according the reality work experiments, including established reasonable water and sediment regulations, implement regional economic development strategy, constructing key security, and making related policies and regulations.

**PALAVRA-CHAVE: The low beach of Yellow River, human activity, river health**