HE ZHU

COUNTRY OF ORIGIN / BIRTH COUNTRY : China

EDUCATIONAL BACKGROUND : Agricultural Irrigation Engineering
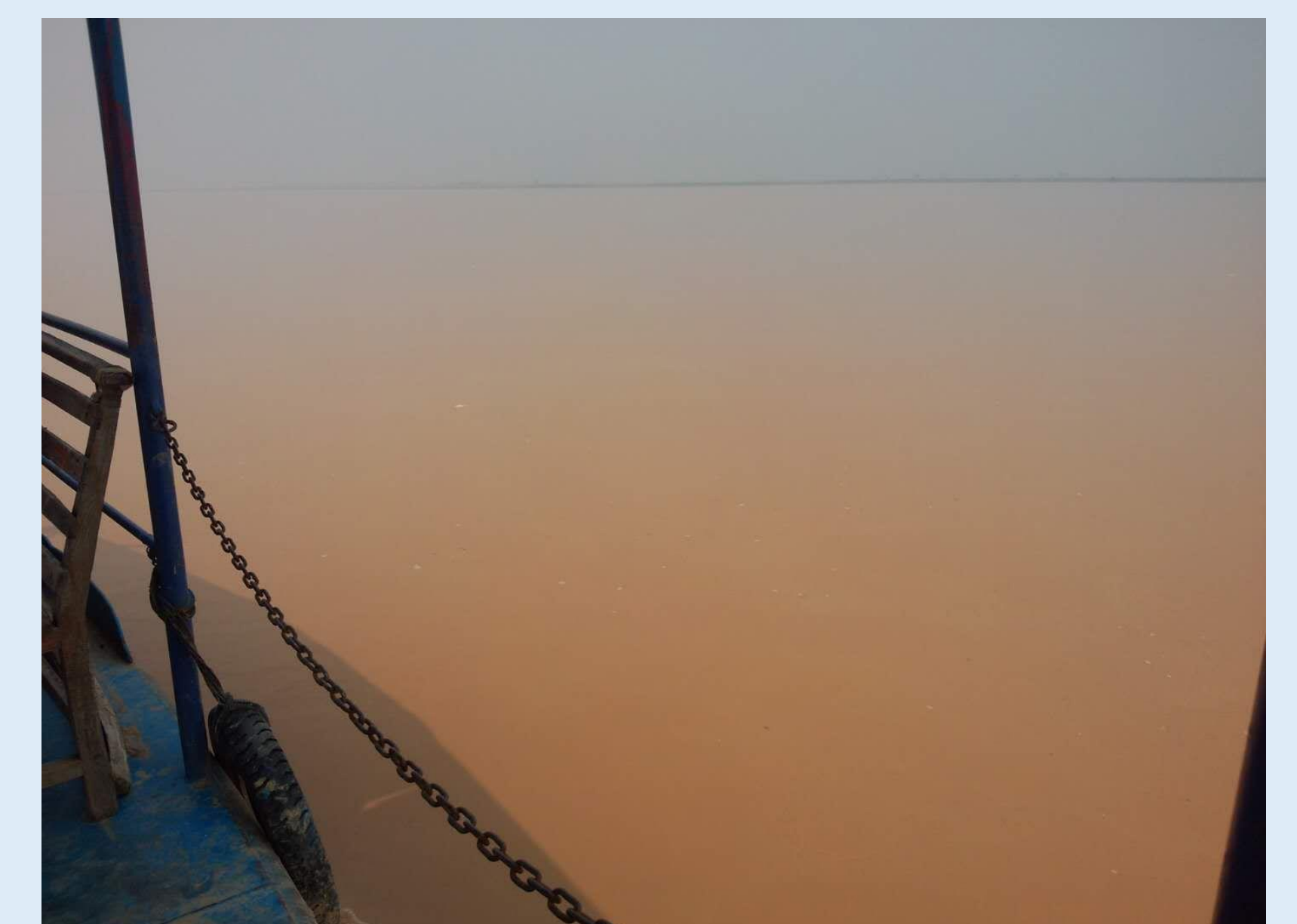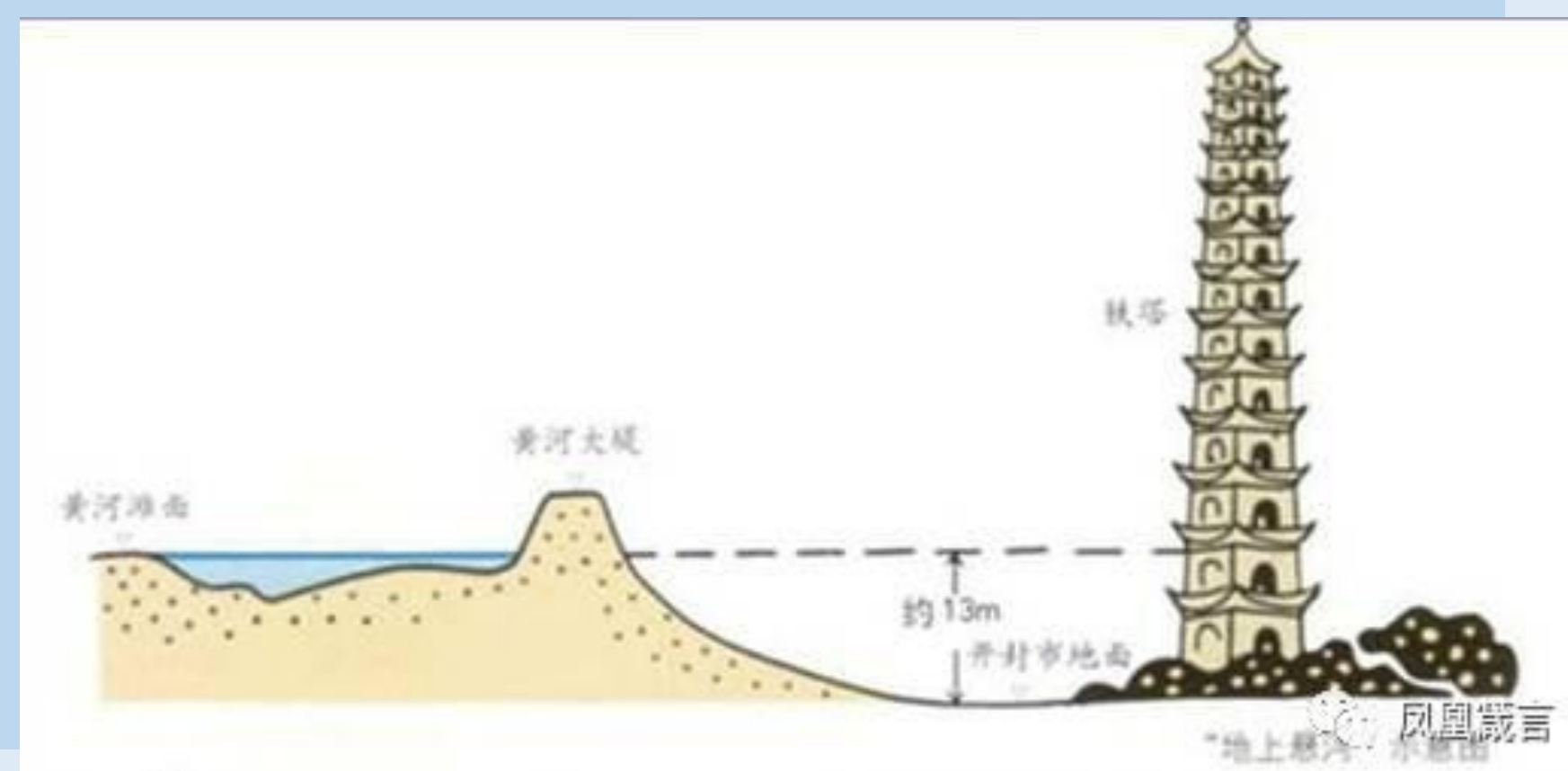
WHY I CHOSE HYDROINFORMATICS:

In the past century, the Yellow River has flooded several times. We can not know the loss accurately. But we know one of reason of loss is forecasting. Therefore, it is very important to build the model of Yellow River Flood Forecasting. In this way, we could have enough time to evacuate and avoid too much loss. And not only in the Yellow River, but also in the other rivers in this world, flooding would appear in every river. Every residents who live in the flooded oriented area should be under the model's protection.

HOW I WILL USE THE KNOWLEDGE GAINED IN THE PROGRAM BACK IN MY OWN COUNTRY:

The Yellow River, because of water and soil loss in the upstream, is really easy to be flooded. And also because of water and soil loss, the Yellow River's water level has been higher than ground. Hence, every storm maybe cause an inundation. In this condition, the Yellow River really need a thorough flood risk management to avoid inundation.

PREVIOUS RESEARCH AND RESEARCH INTERESTS:

During my bachelor in Hohai university, I did a research about the change of soil unit weight under different elements. Measuring the soil unit weight by changing rainfall, organic content and several other elements.

← Before   Future ↓

In the future, I prefer to doing the informatization work in hydrology field. Building the model to avoid flooding or decrease loss. Or building the automatic irrigation system to decrease the water waste in agriculture.