Personal Info.

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Education

2014 - 2018 B.S. in Hydrology and Water Resources, Zhejiang University of Water Resources and Electric Power, Hangzhou, China (First grade, **GPA: 3.86**) *

2019 - Present M.Sc. in Hydrology and Water Resources, UNESCO-IHE Institute for Water Education, Delft, the Netherlands（**GPA：8.14**，Very Good）*

* Transcripts and Diplomas are appended in **GitHub**：https://github.com/FengboZhang-cloud/Report4Application

Experience & Skill

1. Remote sensing for Agriculture Water Management
Identify the spatial distribution of crop types from remote sensing on Google Earth Engine (GEE) – Miandoab, Iran*; Estimate the tempo-spatial distribution of evapotranspiration and biomass by Surface Energy Balance Algorithm for Land (PySEBAL)*; Irrigation Performance Assessment *
2. Flood Risk Management
Assess the urban flood risk and the performance of mitigating measures in Siarjganj, Bangladesh *; Establish a flash flood warning system in the Posina catchment, Italy*; Construct a flood inundation model using HEC-RAS and delineate flood risk maps by ArcGIS in Modesto, the United States*
3. Integrated Hydrological and River Model
MIKE ZERO： Catchment modelling (MIKE SHE) *; River flow and water quality modelling（MIKE 1D +Eco lab）*
4. Water Quality
Water sampling and water quality analyses *； Water Quality monitoring and assessment in Dongjiang River Basin *
5. Groundwater Data Collection and Interpretation
Groundwater level monitoring program for the upper berg catchment in South Africa *; Establish an aquifer storage and recover system by Python *; Groundwater survey and interpretation in Breevenen, Nederland *
6. Groupwork for Water Management
A new multi-disciplinary approach to effectively solve the main water problems of Rhone Delta, including flood risk management, urban water management, water resource, irrigation management, coastal management as well as river engineering, in an complex nature systems*

***** Reports are appended in **GitHub**：https://github.com/FengboZhang-cloud/Report4Application

M. Sc. Thesis topic

Exposing the Heteroaggregation Mechanism of Silica-Coated DNA Tracer in Natural Water: First Results from Controlled Laboratory Experiments

Self-assessment

Advantage : 1. Highly interesting with research and have an overview of hydrological studies.
2. Familiar with the main models for hydrological process, and hydrostatistic tools, including Python, Matlab and so on.

Disadvantage: No paper.

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IHE DELFT Institute for Water Education in partnership with UNESCO