

LIN CHIEN CHIH



COUNTRY OF ORIGIN

TAIWAN

EDUCATIONAL BACKGROUND



B.Sc. Environmental Engineering, National Taiwan University, Taiwan

M.Sc. Flood Risk Management, IHE Delft, Netherland

WHY I CHOSE FLOOD RISK MANAGEMENT:



My hometown, Taiwan faces frequent floods caused. Nowadays, flood risks and impacts are expected to increase as urban development in flood-prone areas. On the other hand, the increased risk and severe consequence of flooding drives the need for the development of cost effective flood mitigation strategies. In response to the trend, professionals with the interdisciplinary skills are much needed to tackle the environmental, social and economic aspects of the challenge. Hence, I am eager to learn more about cross-boundary scientific knowledge on flood risk management. Finally, when it comes to water engineering, IHE Delft is beyond doubt leading in this field.

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

The training in this program enables me to apply modelling tools to address the problems of flooding and support decision making for the sustainable management. Moreover, IHE Delft has long-term cooperation with public sectors, the Ministry of Infrastructure and Water Management, and institutions such as DHI. The way how they cooperate to deal with climate change and water-related issues sets a good example for Taiwan. Studying in IHE Delft allows me a glimpse of collaboration among these partners. Therefore, with my expertise in flood risk management, I hope my country can overcome challenges imposed on water.

RESEARCH INTERESTS:

Risk assessment and modeling uncertainty relations using data-driven models

Merging Rainfall data from multiple source for improved flood risk management

Exploring new methods to map flood risk

Flood infrastructure asset management and investment decision making