

12

# Workshop on Smart Water Management

**Training dates: October 13 - 26, 2021**

**Application deadline: August 17, 2021**

**Number of participants: 25**

\*How to apply: Through the R.O.C (Taiwan) embassies, representative offices or Taiwan technical missions.

## Introduction:

According to a UN study, the global water supply will decrease by 40 percent by 2030 and water shortages will threaten global security, affecting approximately 2.9 billion people in 48 countries. Furthermore, global climate change has led to changes in hydrometeorological conditions, impingement on the water supply and storage capacity of water sources, and frequent floods and droughts. This workshop focuses on smart water management and will assist participants to use smart management tools for the sustainable use of water resources. In addition, under the risk of climate change, smart water management can reduce economic losses caused by floods and improve national resilience.

## Objectives:

- How to construct smart water management systems to enhance the sustainable use of water resources.
- How to strengthen national climate resilience and mitigate the economic losses caused by flooding.

# Contents:

## ---Establishing water resource assessment mechanisms

- To strengthen water resource data evaluation and incentive measures for effective management and sustainability.
- To share how to promote and guide industrial water treatment strategies to improve the efficiency of water utilization.

## ---Upgrading smart water technology

- To share technological applications, water information monitoring, disaster early warning and flooding simulation research to strengthen disaster response systems.
- To understand the government's measures related to water data, and provide innovative information services to encourage saving water.

# Issues this workshop will address:

- Opportunities and challenges of smart water management applications.
- Mechanism and benefits of government water data sharing.
- Strengthening the regulations and incentives for enterprises to improve the efficiency of water use.

# Who may apply:

- Medium-high government officials, industry executives, research and development (R&D) personnel, members of NGOs or international organizations, partner stakeholders participating in relevant Taiwan Technical Mission projects.
- Specialized fields: Sustainable management and development of water resources and smart water technology.
- Age and experience: Applicants under 50 years old and with at least one year's practical experience in smart water application technologies will be given preferential consideration.
- Education: College degree or above
- Language: Good command of English

## Contact Person:

Anita Lin

Tel: 886-2-28732323 Ext. 610

Fax:886-2-28766491

E-mail: w.l.lin@icdf.org.tw

**TaiwanICDF School**

**A Sneak Peek of  
TaiwanICDF Workshop Program**

