

12 Workshop on Integrated Water Resources Planning

Projected training dates: September 17 to 30, 2020

Application Period: June 19 - July 24, 2020

Duration of workshop: 14 days

Number of attendees: 25

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

Introduction:

According to a UN study, global water supply will drop by 40 percent by 2030, and water shortages will threaten global security, with an estimated 2.9 billion people in 48 countries affected by water shortages. Since global climate change has become normal, it 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 climate change adaptation and sustainable use of water resources to assist participants in providing quality and necessary water to enhance water supply coverage in the face of climate change.

1. The workshop aims to share:

- How to provide sufficient water with quality, and enhance water supply coverage.
- How to strengthen the resilience of the country in the face of climate change and mitigate the uneven distribution and storage of water resources caused by climate change.
- How to improve smart water management and pollution prevention mechanisms to mitigate water demand and sewage problems caused by population growth, urban development and industrial change.

2. The contents of this workshop include:

- Strengthening resilience to climate change
 - To improve climate change risk assessment skills for agriculture, disaster prevention, disaster mitigation and instant messaging through data of water resources.
 - To share how to formulate overall national adaptation goals and strategies for water resource throttling, management and provision.
- Smart water management, pollution prevention and control mechanisms
 - Smart water management technology that constructs a smart water network and

new water treatment practices.

- To develop new water source and water pollution control strategies so as to improve the efficiency of water resource utilization.
- To share the concept of sustainable reservoir and promote effective and sustainable management of equipment.

Eligibility:

- Specialized fields: Adaptation to climate change, sustainable management and development of water resources, and smart water technology.
- Medium-High government officials, industry executives, members of NGO or international organization, partner stakeholders participating in relevant Taiwan Technical Mission projects.
- Age and experience: Applicants under 50 years old and with at least two years' experience in related fields will be given preferential consideration.
- Education: College degree or above
- Language: Good command of English

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