

## Introduction/ Background

Being one of the world's most arid countries, with low annual rainfall, and the most downstream country in the Nile River Basin with an almost complete dependence on the Nile waters coming from outside the borders, Egypt is very much vulnerable and threaten not to safeguard nations water demand. In this regard, Egypt is adopting all required policies and measures to guarantee the most efficient use and management of the limited available water resources including, but not limited to, recycling of drainage water, development of irrigation methods, and crop pattern reform.

The Ministry of Water Resources and Irrigation (MWRI) is the official entity mandated to secure water demand in Egypt for different uses. Given the exacerbated water crises and shortage in the country, MWRI's policies and strategies aim at the optimization of water and human resources to achieve the targeted goal. Technology advancement and efficient water management are the dynamic mechanism towards such strategies. Consequently, a **National Training Unit** was founded **in 1982** to develop and upgrade the capacity of the ministry's staff to enable them fulfilling their respective tasks in managing, operating and maintaining the irrigation and drainage systems.

The extensive achievements of this Training Unit at that time have become tangible facts that deserve full appreciation and support from the MWRI. Accordingly, **in 1994**, MWRI established an Up-To-Date **Training Center** in the 6<sup>th</sup> of October City, the recent location, in a modern and well equipped building stretched out at an area of 42000 square meters, that is able to be a pillar for transferring technology and raising human performance capabilities efficiently and effectively.

**In 2002**, the training center was selected to host a regional center under the auspices of UNESCO which given the name of **Regional Center for Training and Water Studies (RCTWS)** in arid and semi-arid zones, to enlarge the scope of its activities to be responsible for knowledge and experience exchange in the field of water resources in the region. Since launching of the **International Hydrological Program (IHP)** of UNESCO in 2004, RCTWS has been developing its training program within the framework of IHP-UNESCO to help enhancing *education in the field of water*. Moreover, Since the launching of the **Sustainable Development Goals (SDGs / 2030)** of the United Nations in 2015, RCTWS has been contributing in achievement of the sixth objective which aims at *sustainable development of water*. Working under the auspices of UNESCO encouraged the international governmental and non-governmental entities as well as the UNESCO member states to raise financial and technical assistance and to propose proper projects to RTSWRI.

**In 2008**, the distinguished performance of the Training Center and the extended & effective responsibilities led to raising its rank to be a sector which has the legal name of **Regional Training Sector for Water Resources and Irrigation (RTSWRI)**. **In 2019**, it became an **accredited training entity by the Central Agency for Organization and Administration**.

In this respect, the principal role of the National and the Regional Programs structured by RTSWRI is to bridge the gap between the skills needed for a specific job and human capabilities. Different training programs are designed and tailored according to the actual survey of the training needs assessment to fulfill the training needs of national and regional organizations in the field of Water Resources Planning and Management as well as other related technical, managerial and administrative fields. For quality assurance of the training process, Monitoring & Evaluation of programs is a continuous dynamic process.

## Facilities

The head quarter of RTSWRI located in the 6<sup>th</sup> of October City is a unique entity in the region, as it occupies an area of 42000 square meters and equipped with up-to-date training facilities which includes 8 lecture halls (from 20 to 80 seats) for holding training courses, seminars, workshops or meetings. In addition, it has an amazing conference hall for 300 participants fitted with simultaneous interpretation. For practical applications, there are 5 engineering labs (water quality, concrete, soil mechanics, hydraulics and water resources) as well as 3 computer labs and a specialized library.

### Conference Hall



### Lecture Halls



Moreover, RTSWRI has its own hotel that can offer full board accommodation facilities for both trainees and trainers as it includes 157 single rooms, 10 suites for trainers, 18 executive rooms, 3 cafeterias and a well-equipped restaurant. Besides, Social and sport facilities, transportation facilitates, and other entertainment facilities are available.

In 2006, the facility of video conference was established at RTSWRI. Video conferencing is an attractive tool that facilitate remote meetings to share all types of information including data, documents, sound and picture. The E-Learning facility is also available. Moreover, RTSWRI has a very distinguished and up-to-date information center that can support dissection making.

RTSWRI has developed a web site ([www.rctws.org](http://www.rctws.org)) to facilitate the interactive communications

### Information Center



### Engineering Labs



### Computer Labs



## Hotel



## Restaurant and Cafeterias



## Entertainment Facilities

