

## Water Governance Benchmarking Criteria

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### **A. GOVERNANCE FUNCTIONS**

- 1. Organizing and building capacity in the water sector**
  - 1.1 Creating and modifying an organizational structure **1**
  - 1.2 Assigning roles and responsibilities **2**
  - 1.3 Setting national water policy
  - 1.4 Establishing linkages among sub-sectors, levels, and national sub-regions **3, 4**
  - 1.5 Establishing linkages with neighboring riparian countries **5**
  - 1.6 Building public and political awareness of water sector issues
  - 1.7 Securing and allocating funding for the sector
  - 1.8 Developing and utilizing well-trained water sector professionals **6**
- 2. Planning strategically**
  - 2.1 Collecting, managing, storing and utilizing water-relevant data
  - 2.2 Projecting future supply and demand for water
  - 2.3 Designing strategies for matching expected long-term water supply an demand and dealing with shortfalls (including drought mitigation strategies)
  - 2.4 Developing planning and management tools to support decision making
- 3. Allocating water**
  - 3.1 Awarding and recording water rights and corollary responsibilities
  - 3.2 Establishing water and water rights transfer mechanisms
  - 3.3 Adjudicating disputes
  - 3.4 Assessing and managing third party impacts of water and water rights transactions
- 4. Developing and managing water resources**
  - 4.1 Constructing public infrastructure and authorizing private infrastructure development
  - 4.2 Forecasting seasonal supply and demand and matching the two
  - 4.3 Operating and maintaining public infrastructure according to established plans and strategic priorities
  - 4.4 Applying incentives and sanctions to achieve long and short term supply/demand matching (including water pricing)
  - 4.5 Forecasting and managing floods and flood impacts
- 5. Regulating water resources and services**
  - 5.1 Issuing and monitoring operating concessions to water service providers
  - 5.2 Enforcing withdrawal limits associated with water rights
  - 5.3 Regulating water quality in waterways, water bodies, and aquifers (including enforcement)
  - 5.4 Protecting aquatic ecosystems
  - 5.5 Monitoring and enforcing water service standards

## **B. GOVERNANCE PROCESS CHARACTERISTICS**

- 1. Transparency.**
- 2. Participation.**
- 3. Accountability and Integrity.**
- 4. Rule of law.**
- 5. Coherency and Integration.**
- 6. Responsiveness.**

## **C. CROSS CUTTING CATEGORIES**

### **1. Water Sources**

- 1.1 Surface water
- 1.2 Groundwater
- 1.3 Derivative water (reclaimed, reused, desalinated)

### **2. Water Uses**

- 2.1 Irrigation
- 2.2 Municipal
- 2.3 Industrial
- 2.4 Environmental
- 2.5 Hydropower
- 2.6 Fisheries, navigation, recreation
- 2.7 Other uses (including social, esthetic, and religious uses)

**Ministerial Decree**  
**No. 143**  
**Dated 31/5/99 <sup>1,2</sup>**

**Ministry of Public Works & Water Resources:**

After viewing Law 47 of 1978 in regards to civil employees system in the government and its update; and the president Decree No. 653 of 1980 on regards to reorganizing Ministry of Irrigation; and on the Ministerial Decree No. 159 of 1998 in regards to reorganizing the Irrigation Organizing; and upon what was submitted regarding the recommendation of the Water Political Committee dated 8/12/99 and their request to support the development plan of the irrigation system.

**Decided**

**Item 1**

To be issued including the organization chart to irrigation Improvement Sector in the irrigation organization (Central Dept. for Direction & Water Guidance)

**Item 2**

The Organization chart for the central Dept. for Directions & Water Guidance from two department, the first for the North and the second for Upper Egypt and its aims & goals are obtained through aided organizations in the villages where improvement irrigation projects are located.

**Item 3**

The previous mentioned Central Dept. and its linked organization are specialized with guiding works, communication, in order to achieve its goals for development the irrigation system and the efficiency of using water.

**Item 4**

The Head of Irrigation Organization in cooperation with the Head of Irrigation Sector and the Employees Affaire Committee to name and issue the suitable organization for that propose in according with requirement and on stages in order to achieve the goals attach to this Decree.

**Item 5**

All the meant Authorization to execute this degree.

## **The Specialization Administration and Technical Organization for Directing & Water Guiding**

1. Spreading information and statements to strengthen the concision of aims and economical & social goals to the projects of improvement irrigation through out different means of communications.
2. Support and supervision on works and requirement to facilitate connections with governmental authorities and non-governmental ones too. **3**
3. Supervision on union or association of water users in old and new lands and works with them since the start and supervise handing over to unions to development facilities.
4. Supervise training for engineers and technicians of the project according to stages & requirement of work and activity and also training for the water users association to qualify them to do their non development and developed areas. **6**
5. Supervise the planning & sterilization unit in regards to the performance of the users of the water association on old & new canals in all areas according to the records and applied system for that purpose to issue regular reports to issue regular to evaluate and following up the execution of activities & program of water guiding.
6. Execute the aim and goals of the plan as follows:
  - Guidance publication which serve the non-development and development areas.
  - Helping on execute advertisement programme from written and seeing means so this will serve the IAS activity.
  - To operate with general organization related to the development programs in village in order to maintain water investment and irrigation and drainage facility.
  - Take part in conference with local or international. **4, 5**
  - To execute programs from cost reimbursement as to include cost of meskas and pumps incorporation with Development Committee and WUA and Financial Ministry..... etc.
7. To offer administration and technicians support to help the union and WUA to work on best way.