

CENTRAL WATER COMMISSION(CWC)

1. **Establishment:** The Central Water Commission was established in 1945 and is a premier technical organization under the Ministry of Jal Shakti, Government of India.
2. **Objective:** Its primary objective is to promote integrated and sustainable development and management of India's water resources.
3. **Functions:**
 - Advisory role to the government on matters related to water resource management.
 - Monitoring and managing flood control, irrigation, navigation, and hydropower projects.
 - Collecting and analyzing hydrological data for water resource assessment.
 - Designing and evaluating national water resource projects.
4. **Key Areas:**
 - **Hydrology:** Ensuring the scientific assessment and monitoring of water bodies.
 - **Flood Management:** Providing flood forecasting services and recommending flood protection measures.
 - **Project Planning and Design:** Assisting in the planning and execution of irrigation, hydroelectric, and other water-related projects.
5. **Water Data Collection:** CWC maintains extensive data on water levels, flow, and usage, which are vital for water resource planning and disaster management.
6. **Collaborations:** It works with state governments, research institutions, and international bodies to improve water management practices and technology.
7. **Importance:** CWC plays a critical role in ensuring that India's water resources are used efficiently, safely, and sustainably for various sectors, including agriculture, industry, and drinking water supply.