

National Water Informatics Centre (NWIC) is an office created under Department of Water Resources, River Development and Ganga Rejuvenation on 28th March 2018.

NWIC is mandated to be a repository of nation-wide water resources data, providing a “**Single Window**” source of updated data on water resources and allied themes.

The roles and responsibilities of NWIC are:

- * Maintaining, updating, collating and disseminating water data and information;
- * Sharing of hydro-meteorological data amongst central & state government organizations;
- * Management of entire data and Decision Support System;
- * Collaborate with national/international research institutes; and
- * Provide technical support to organizations dealing with water emergency response for hydrological extremes.

NWIC is in process to develop a platform for Integrated Water and Crop Information & Management System (IW-CIMS) to aid decision making in respect of water resources of India.

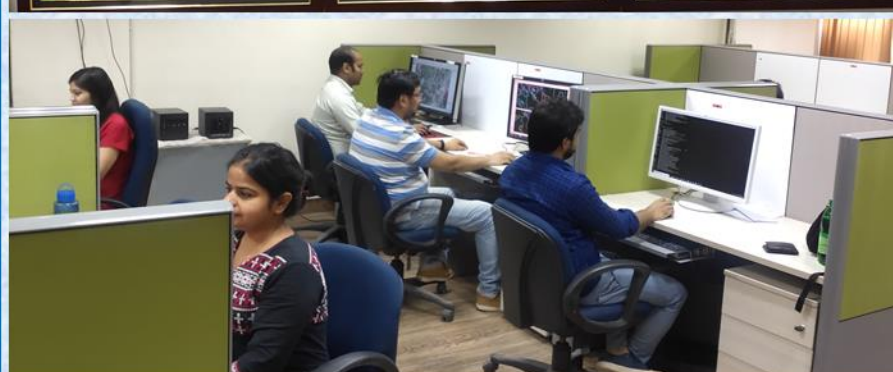
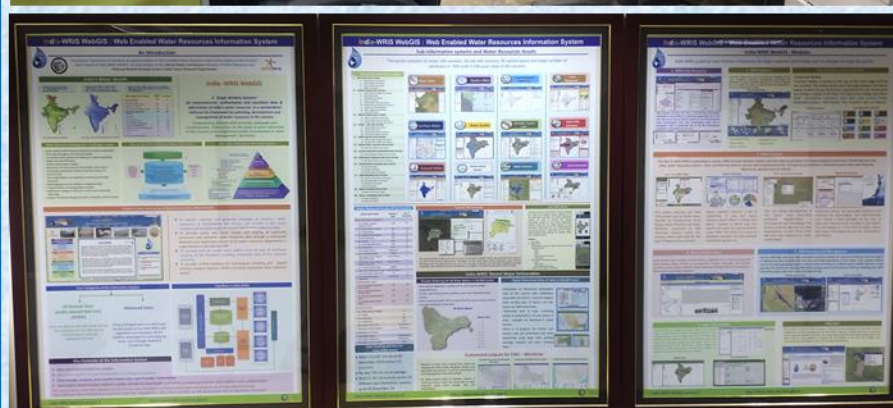
Item	Proposed DSS -IWCIMS
Timeline	2020-2027
Mandate	Decision support system
Description	<p>Introduction of 7 DSS modules :</p> <ul style="list-style-type: none"> • Integrated Reservoir Management • Block Level Crop Planning • Village Water Budgeting • Water Security Plan, • Smart Grid-Water Transfer • Drought Management • Pollution and Quality Management <p>Development of Ground Water Information System</p>
Information scale	Micro-level
Primary users	To be used by Village level/Block level/ District level/ State level Administrators & Planners.

VISION of NWIC

India to be a water secure nation, protected from floods and drought, with access to reliable and adequate supply of clean water for drinking, agriculture, industry and the environment.

MISSION of NWIC

To collect water data across India and to add value to it for informing citizens, governments and businesses on the state of India's water resources and their utilization.



National Water Informatics Centre,
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भारत सरकार
Government of India



राष्ट्रीय जल सूचना-विज्ञान केंद्र
National Water Informatics Centre

जल संसाधन नदी विकास एवं गंगा संरक्षण विभाग
Department of Water Resources, RD & GR

जल शक्ति मंत्रालय
Ministry of Jal Shakti

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Existing Water Resources Information System

The new integrated system is built on the previous systems i.e. e-SWIS and India-WRIS

About WRISAccessibilityToolsMetadataWRIS WikiHelp

Search

India-WRIS WebGIS

Water Resources Information System of India

PublicationsGalleryMobileFAQFeedbackSign In / RegisterEnglish

WRIS Info Discovery

WRIS Explorer

Geo-Visualization

Sub-Info System

Temporal Analyst

Coastal Climate

WRIS Connect

Live Telemetry Data

Data Download

Reservoir Module

Automatic Map Generation

Advanced Report Generation

Web Map Services

Share Success Story

WR Planning & Management

Create Your WRIS

Collaborative Planning

Input Data Builder

Surface Water Body

Spatial Data

Non-Spatial Data

Metadata

India-WRIS

A A A+

Consequent upon approval of the Cabinet, National Water Informatics Centre (NWIC) has been created by Ministry of Water Resources, River Development and Ganga Rejuvenation in New Delhi vide notification dated 28th March 2018.

NWIC is repository of nation-wide water resources data and work as a Subordinate Office under the Ministry of Water Resources, River Development and Ganga Rejuvenation. The centre is headed by a Joint Secretary level officer under the overall supervision of Secretary Ministry of Jal Shakti.

The management of water resources is a highly complex and tedious task that involves expertise of multidisciplinary domains and depend on historical and real time reliable data and information.

For this, the first requirement is to develop, maintain and update regularly a comprehensive "Water Resources Information System" (WRIS) in public domain for awareness and involvement of all concerned for effective integrated water resources management. This is also prerequisite for scientific assessment, monitoring, modelling and Decision Support System (DSS) and Integrated water resource

News And Events

New Updates

Basin Reports available for download

Watershed Atlas of India

Non-Classified HO data available for download

River Basin Atlas of India has been launched on November 1, 2012.

Flood Forecasting (e-SWIS).

Visitor Number : | Disclaimer | Sitemap | Links | Contact Us | Updated on: Feb 13, 2017

Revised in resolution 1280x960

India-WRIS

Water TopicsWRIS ToolsWIMSPublicationsConnectWRIS-WikiAbout WRIS

Water Resources/Projects

Water Resources Projects

Surface Water Bodies

Reservoirs

Minor Irrigation

PMKSY Irrigation Programme

Inter Basin Transfer Links

Water Logging/Soil Salinity

Groundwater

Groundwater Level

Aquifer/Litholog

Groundwater Resources

Groundwater Prospects

Hydro-met

Hydrological Observation

Live Telemetry

Flood Forecasting

Meteorological

Snow/Glacial Lakes

Coastal Information System

Hydro-met Extremes

Floods

Drought

Other Extreme Events

Base Data

Administrative Units

River Basins

Infrastructure

Terrain

Inland Navigation

Waterways

Water Quality

Surface Water Quality

Groundwater Quality

Land Resources/Water Use

Land Use/Land Cover

Rural/Urban

Soil

Land Degradation

Wasteland

Wetlands

1160 mm

Average annual rainfall

3.6 M km

Length of River Network

4%

of World Water

18%

of World Population

132

Rank in per capita water availability

Water Topics

Water Data Online

WRIS Explorer/Viewer

Data Download

Online Web Editor

Web Map Service

Choropleth

Create Your WRIS

Automatic Map Generation

Autom. Report Generation

Publications

Project Documents

Basin Reports

River Basin Atlas of India

Watershed Atlas of India

Pre-generated Maps

Other Reports

Connect

Share Your Story

Collaborative Planning

Data Availability

Metadata

Input Data Builder

About WRIS

About WRIS

Achievements & Awards

Gallery

Developed under National Hydrology Project

65 Pages

The Integrated India-WRIS further facilitates the following modules:

- * Telemetry Data Acquisition
- * Water Data Online
- * Water Resources Projects
- * Data Availability & Download
- * Surface Water Bodies
- * GIS Editing Module

Base Data Info Systems

Administrative

Region

Infrastructure

Terrain

Surface Water Info Systems

Water Resource Division

Basin

Watershed

River

Surface Water Body

Water Resources Projects

Command Area

Minor Irrigation

Canal

Ground Water Info Systems

Aquifer / Litholog

Ground Water Level

Ground Water Prospects (RGDWM)

Hydro - Met Info Systems

Hydro - Observation

Flood Forecasting Stations

Meteorological

Climate

Water Quality Info Systems

Surface Water Quality

Ground Water Quality

Snow Cover / Glacier Info Systems

Snow Cover / Glacier

Inland Navigation Waterways Info Systems

Inland Navigation Waterways

Inter - Basin Transfer Links Info Systems

Inter - Basin Transfer Links

Hydro - Met Extremes

Flood

Drought

Extremes Events

Land Resources Info Systems

Land Use / Land Cover

Land Degradation

Wasteland

Soil

Water Tourism Info Systems

Water Tourism

Socio Economic Info Systems

Rural

Urban

Ground Water

ViewAdminBasin

Source

CGWB + OTHER AGENCIES

Value

Depth to water level (DTW)

Timesstep

Season

Year

2019

Season

Oct - Dec

Advanced Filter

SUBMIT

Area of Focus : India (Country)

INDIA

Ground Water

38m

LEVEL

NUMBER OF STATIONS MONITORING LEVEL

4

Jan-Mar 2019

Apr-Jun 2019

Jul-Sep 2019

Oct-Dec 2019

RF Actual Level

Last 10 Year Average

Last Year

Current Level

Search..

STATE	Stations Monitoring Level	Level (m)	Year	Season
UTTAR PRADESH	4	36.418	2019	Oct-Dec
RAJASTHAN	651	25.781	2018	Jul-Sep
CHANDIGARH	21	20.678	2018	Oct-Dec
PUNJAB	844	18.946	2018	Oct-Dec
HARYANA	769	17.623	2018	Oct-Dec
DELHI	84	17.133	2018	Oct-Dec
UTTRANCHAL	51	16.170	2018	Oct-Dec
PONDICHERY	11	12.739	2018	Oct-Dec
GUJARAT	797	12.691	2018	Jul-Sep
TELANGANA	676	8.873	2018	Oct-Dec
ANDHRA PRADESH	813	8.303	2018	Oct-Dec