



MEMORANDUM OF UNDERSTANDING

Between

Karnataka State Natural Disaster Monitoring Centre, Bengaluru
Autonomous Organisation of Revenue Department
(Disaster Management),
Government of Karnataka

AND

Central Ground Water Board, South Western Region
Department of Water Resources,
River Development & Ganga Rejuvenation,
Ministry of Jal Shakti
Government of India

**MEMORANDUM OF UNDERSTANDING BETWEEN
KSNDMC AND CGWB**

This Memorandum of Understanding hereinafter referred to as MOU is signed on 13th day of June, year 2022 between **Central Ground Water Board** South Western Region, (CGWB, SWR) Bangalore, a subordinate office of the Department of Water Resources, River Development & Ganga Rejuvenation, Ministry of Jal Shakti, Govt. of India, Shram Shakti Bhawan, New Delhi with its Regional Office at Bhujal Bhavan, 27th Main, 7th Cross, HSR lay out Sector I, Bangalore hereinafter referred to as CGWB which expression unless otherwise provided shall include its successors, representatives and assignees on the first part

AND

Karnataka State Natural Disaster Management Centre (KSNDMC), A Registered Society, Autonomous Body Affiliated to Dept. Of Revenue, Govt of Karnataka represented by the Director having its office at Major Sandeep Unnikrishnan Road, Near Yelahanka, Attur Layout, Bangalore 560064 (hereinafter referred to as KSNDMC), which expression shall include, unless repugnant to the context or contrary to the meaning thereof, its successors or permitted assignees on the other part.

Preamble

CGWB, being the national apex organization, under Department of Water Resources, River Development & Ganga Rejuvenation, Ministry of Jal Shakti is vested with the responsibilities to carry out scientific studies, Ground Water exploration, monitoring of ground water regime, assessment, augmentation, management and regulation of country's ground water resources.

KSNDMC, an Autonomous organisation of Revenue department (Disaster Management), Government of Karnataka is responsible for providing Science & Technology(S&T) inputs for managing and mitigating natural disasters in Karnataka State. KSNDMC is engaged in a number of activities related to synergising S & T activities and providing a common platform for the response players in Disaster Management in Karnataka State. KSNDMC has installed a network of weather monitoring stations which comprises Solar Powered GPRS enabled Telemetric Weather Stations (TWS) at 747 Hoblis(~200 sq km) and 173 Micro-

Watersheds and Telemetric Rain Gauge Stations (TRG) at all the 6495 Grampanchayaths (~25 sq km). The data on Temperature, Relative Humidity, Wind Speed, Wind Direction, Rainfall Intensity and amount of Rainfall is being collected at every 15 minutes. The near-real-time data collected through the network is analysed, and maps and reports are generated in real-time. KSNDMC has employed various Dissemination systems to send Disaster-related information through Alerts, Advisories and Early Warnings to all the Government Executives & Communities in Real time.

CGWB and KSNDMC may at times be referred to individually as "Party" and collectively as the "parties" Whereas CGWB and KSNDMC have agreed upon to co-operate in the areas sharing of data generated by the CGWB & KSNDMC. In this context the parties hereto wish to record the following main areas of co-operation on mutually agreed terms and conditions:

Background

Rainfall other related climatological/ hydro meteorological data are generated by KSNDMC. Depth to Ground Water level and Groundwater quality (Chemical 13 Parameters) data are generated by CGWB, SWR. It is envisaged to share the data generated by the two parties for mutually beneficial technical studies.

1. Role of CGWB

Central Ground Water Board SW Region Bangalore will share the Data collected /generated on Depth to Ground Water level and Groundwater quality (Chemical 13 Parameters) and other related data of Karnataka State with KSNDMC, Bangalore as per requirement of KSNDMC.

2. Role of KSNDMC

KSNDMC, Bangalore will share the various data generated pertaining to Rainfall/ other climatological data of Karnataka State with CGWB, SWR, Bangalore as per requirement of CGWB.

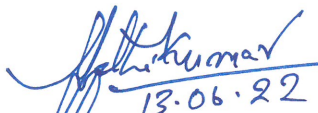
Joint Responsibilities

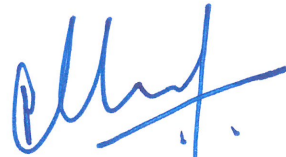
- i. Publications, if any by either or both parties will be suitably acknowledged whenever / wherever the data is used.

3. Validity

This MOU shall be effective from the date on which it is executed by the parties and may continue for a period of five years or till any party wish to terminate the agreement.

4. Team Members


13.06.22
CGWB, SWR, Bangalore
Regional Director & team


KSNDMC, Bangalore
Director & Team

5. The data generated by the team members shall be shared. The parties expressly acknowledge that this MOU is constituted between the Parties in relation to the subject matter as mentioned above and that there is no financial binding on either party.

6. LIABILITY

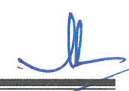
In the event of any loss or damage of data no liability would be incurred by CGWB or KSNDMC for such loss or damage. Both the parties shall ensure that the data will be only used for the purpose it is being shared and the data will not be transmitted to other than bonafide users.

IN WITNESS WHEREOF the Parties hereto have duly executed this MOU.

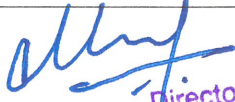
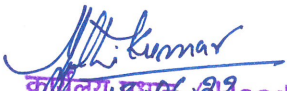
The Thirteenth day of June, year Two thousand and twenty two

KSNDMC

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CGWB

IN WITNESS WHEREOF PARTIES HERETO HAVE ENTERED INTO THIS AGREEMENT EFFECTIVE AS ON THE DATE AND YEAR FIRST WRITTEN ABOVE.

<u>KSNDMC</u>	CENTRAL GROUND WATER BOARD
By: 	By: 
Director Karnataka State Natural Disaster Monitoring Centre	Head of Office के. भू. ज. बोर्ड, द. प. से. / C.G.W.B. SW के. भू. ज. बोर्ड, द. प. से.
Name: Dr. Manoj Rajan	Name: JYOTI KUMAR
Designation: Director	Designation: Head of the Office & Sci E
Witnesses:	Witnesses:
1. Rashmi B.N. (Rashmi)	1. H.P. Jayaprakash (H.P. JAYAPRAKASH), SC-3
2. S. Emily Prabhe (WHY)	2. R. Shende (Rahul R. Shende) 13.6.22 SC-B