

Minutes of the Meeting dated 11th August 2022

Coordination meeting of National Hydrology Projects in West Bengal (Irrigation Water Ways Department, GoWB, Water Resources Investigation & Development Department, GoWB and the World Bank)

Participants of the meeting

- 1) Prabhat Kumar Mishra, Principal Secretary, I & W Department and WRI&D Department
- 2) Ms Anju Gaur, Task Team Leader, NHP, World Bank
- 3) Mr Hitesh Thakur, IT Expert World Bank
- 4) Subrata Chattopadhyay, Chief Engineer (D&R), I&W Dte.
- 5) Biplab Mukhopadhyay, Joint Secretary (Works), I & W Department
- 6) Susmita Ray, Superintending Engineer, Investigation & Planning Circle No.-II, I&W Dte.
- 7) Swati Chatterjee, Director, APPE&M CELL, I & W Dte.
- 8) S. Bhattacharya, Deputy Director, APPE&M Cell I & W Dte.
- 9) S. Chattopadhyay, Executive Engineer, Burdwan I.P. Division, I & W Dte.
- 10) M. Khan, Executive Engineer & T.A. to the S.E., I. P. Circle-II,
- 11) Dr. B.C. Burman, Dy Director, RRI, I&W Dte.
- 12) S Patra, Dy. Director / APPE&MC
- 13) Mr Arindum Ghosh, Director SWID, WRI&DD
- 14) Ms Aparna Sammadar, SE SWID, WRI&DD
- 15) Mr Parthasarathi Dhabal, Nodal Officer NHP, SWID, WRI&DD
- 16) Ms Mosami, Sr Geologist, SWID, WRI&DD
- 17) Mr Akhilesh Parey, Team Leader SPMU WBADMIP, WRI&DD
- 18) Mr Sourav Das, Database manager, NHP, SWID, WRI&DD

The meeting was chaired by the Principal secretary I & W Department & WRI&D Department, and Project Coordinator SPMU, Bengal (SW).

A.State Water Informatics Center (SWIC) :

- a. Principal Secretary was appraised the on-line Water Resource Information System (SWRIS), which is developed in-house by state water Investigation Directorate(SWID) for better planning and management of its Water Resources and to feed central system (NWRIS) for basin planning, regional planning and data-base analytics.
- b. Task Team Leader, The World bank described about the overall structure of State Water Informatics Center and stressed the need to establish West Bengal SWIC committee under the chairmanship of secretary, water resource department, West Bengal. The following key points suggested during the meeting;
 - a. The concept note on “State Water Informatics Centre” (SWIC) shared by National Project Management Unit (NPMU) can be used as guiding document which aims to provide a clear understanding about the need and the procedure envisaged for development of State Water Resources Information System (State-WRIS), its operation and maintenance with hand holding support by the National Water Informatics Centre (NWIC).

- b. It is important to frame a policy at the state level towards securely sharing the data and information as that would be the backbone of the proposed SWIC. The policy should facilitate seamless sharing of data among various departments, visualization dashboards & download facilities to all users without login (except for classified data) and provision shall be there to share bulk data as well as continuous stream of data through API or FTP.
- c. For Implementation of SWIC, it would be necessary to have a permanent establishment dedicated to the task. Chief Secretary/ Additional Chief Secretary of the State shall decide on the lead department for initiating the process of Cabinet Approval for setting up of SWIC with full details of type of organization, level of head of organization, organization location, its composition, budgetary requirement, office space & infrastructure and necessary HR etc. following items were agreed
accorded
- d. WBSWIC committee shall be permanent status as per Administrative Order.
- e. Water Resource Department shall be the lead department for implementation of various functions of WBSWIC committee.
- f. State Water Investigation Directorate (SWID) will be the nodal agency to operate and manage the central database and the State Water Information System (SWRIS)
- g. SWIC will be responsible to sign memorandum of agreement within departments for standardized database & GIS layers, data validation, sharing & integration of data within state departments and data dissemination. SWIC will also be responsible for deployment of technical experts for proper functioning of SWRIS, providing funds to maintain the central database and application licenses, interactions with national water informatics center to further enhance the overall technical framework as well data sharing from central and state agencies.
- h. Water Resources Investigation & Development Department (WRIDD), Irrigation and waterways Department, WBADMIP Phase 2 under WRIDD, NHP under WRIDD & IWD, WBMIFMP under IWD, River Research Institute (RRI), PHE department will be the part of SWIC, and these departments will be supported with technology, data validation tools, knowledge products and decision support system by SWID.
- i. Coordination committee meeting with the agreed department may be convened in the Chairmanship of Principal Secretary WRI&D Department and modalities may be explained and agreed for further necessary action.
- j. IWD data center may be used as the physical office space for this purpose having nominated officers/staff from different department.

B. State Water Resources Information System (SWRIS) :

The following are the key highlights of the existing “State Water Information System”(SWRIS) ;

- a. The SWRIS has already been established under National Hydrology Project in the SWID office.
- b. Currently NHP Project team (Database Expert, GIS Expert and MIS expert) is managing the in-house RTDAS Server for ground water and SWRIS infrastructure.
- c. SWRIS is hosted in the State Data Center (SDC) with 4 number of virtual machines and image processing capabilities.
- d. Separate in-house RTDAS server is operational to manage surface water in I&WD. It was suggested to integrate the I&WD data on central database of SDC and SWID will be supporting the department to provide validation tools and decision support systems.
- e. SWRIS will be linked with NWRIS and support the SWIC departments with Geo analytical services (Web Feature Services, Web Map Services).
- f. In addition to water related Departments, SWRIS will be able to provide Geo analytic support to academia’s,NGO’s and communities based on SWIC approvals.

Revised “Project Implementation Plan” (PIP) to be submitted by 15th August 2022 as desired by the NPMU. Accordingly the detailed discussion was done to define the priorities and both the Departmental teams are advised to submit their proposals with the Principal Secretary before submitting to NPMU.

Meeting ended with the vote of thanks



[Prabhat Kumar Mishra]
Principal Secretary to the
Government of West Bengal

Memo No. 424-IB
IW/O/IB-MISC-14/2011(Pt-I)

Dated: 28.11.2022

Copy forwarded for kind information to :

1.P.S to Hon'ble Minister-in-Charge, Irrigation & Waterways Department 1st floor, Jalsampad Bhavan, Salt lake, Kolkata- 91

2.Senior P.A to the Principal Secretary, Irrigation & Waterways Department 1st floor, Jalsampad Bhavan, Salt Lake, Kolkata- 91

3.Dr.Anju Gaur ,Task Team Leader ,National Hydrology Project ,World Bank.
(email : agaur@worldbank.org)

 28/11/22

(S.Sarkar)

Deputy Secretary to the
Govt. of West Bengal

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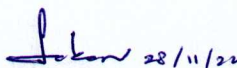
Dated: 28.11.2022

Copy forwarded for necessary action to:

i)Chief Engineer (Design & Research), & Nodal Officer ,SPMU, Bengal (SW)-National Hydrology Project , Irrigation & Waterways Directorate, GoWB

ii) Chief Engineer & Director, SWID ,Water Resources Investigation & Development Department , GoWB (email : directorswid@gmail.com)

iii)Nodal Officer ,National Hydrology Project , Water Resources Investigation & Development Department , GoWB (email : psdhabal07@gmail.com)

 28/11/22

(S.Sarkar)

Deputy Secretary to the
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