

**Meeting Summary**  
**2nd Meeting of the Joint Review Committee (JRC),**  
**Conditional Assessment and Management Plan, Godavari Basin**

Centre for Godavari studies (cGodavari)

Indian Institute of Technology Hyderabad

3<sup>rd</sup> August 2024



**Meeting Participants**

National River Conservation Directorate (NRCD)

*Shri Rajeev Kumar Mittal, Director General*

*Shri N. Ashok Babu, Director*

cGanga

*Prof. Vinod Tare*

IIT Hyderabad

*Prof. Asif Qureshi, Professor*

*Dr. Anindita Majumdar, Associate Professor*

*Prof. Debraj Bhattacharyya, Professor*

*Prof. Prabheesh K.P., Professor*

*Dr. Pritha Chatterjee, Assistant Professor*

*Dr. Satish Regonda, Associate Professor*

NEERI, Nagpur

*Shri Asheesh Sharma, CSIR-NEERI*

*Dr. Yogesh Pakade*

NIT Warangal

*Dr. Jew Das, Co-PI*

*Dr. Litan Kumar Ray, Co-PI*

*Dr. P. Hariprasad Reddy, Co-PI*

*Mr. Kandula Srikanth, Research Scholar*

NITK Surathkal

*Prof. Basavaraj Manu*

Irrigation Department, Telangana

*Mr. S Vijaykumar, Superintendent Engineer*

*Mr. A. Rambabu, Dy. Executive Engineer*

## Proceedings

The proceedings started with a meeting between the JRC, and the teams from IIT Hyderabad, and NEERI Nagpur, with the Director, IIT Hyderabad. Then, the meeting group moved to the conference room at the newly built IIT Hyderabad Convention Centre.

### **Prof. Asif Qureshi, Associate Professor, IIT Hyderabad**

Prof. Qureshi started the meeting with welcome greetings to all members from JRC, IIT Hyderabad and NEERI Nagpur, NIT Warangal, NIT Surathkal and the Telangana Irrigation department.

### **Prof. Vinod Tare, Director, cGanga Consortium/ IIT Kanpur**

Prof. Tare presented an introduction regarding the basin and an overview of the last CAMP meeting held on 23 May 2024.

### **Dr. Asheesh Sharma, CSIR-NEERI**

Dr. Sharma presented the Godavari at a glance report, prepared by NEERI Nagpur and IIT Hyderabad. The Godavari River was divided into 34 segments for the study in which the following aspects were being described

- Basin demography
- Basin Segments and sub-basin
  - Topography
  - Climate Variation
  - Land-use patterns
  - Degradation and degree of pollution
- River Aspects
  - Ecological
  - Historical
  - Social
  - Cultural
  - Behaviour
  - Political
  - Economics

- Biodiversity at a glance
- Current Status of River
- Challenges faced by River
- Sensitive/vulnerable area due to anthropogenic activities
- STPs available in basin

**Prof. Vinod Tare, Director, cGanga Consortium/ IIT Kanpur**

Prof. Tare suggested the idea for characterisation of river as gaining or losing river, along with its base flow parameters and groundwater level at different points in consideration. He also mentioned about the vulnerability of riverbanks due to soil erosion. For the upcoming Kumbh @2027 in Nashik preparatory steps and necessary suggestion should be given for that in further reports.

**Shri A. Rambabu, Dy. Executive Engineer, Irrigation department, TS**

Mr. Rambabu noted to consider the flow from the eastern ghats, and seasonal variation of the river due to different obstructions along with surface and sub-surface flow in the river,

**Shri N. Ashok Babu, Director, NRCD**

Mr. Ashok Babu suggested making of a dedicated website for cGodavari and update all the report and finding of our CAMP meetings there. He was informed that IIT Hyderabad already has such a website.

**Shri Rajeev Kumar Mittal, Director General, NRCD**

Mr. Mittal made a few suggestions for the river at a glance report like

- Basin demography may include district-wise information.
- The report made should be district-centric and accordingly necessary terms of prevention should be suggested.
- The report may be a book for new people who want to understand more about the basin.
- Consider using CPCB data along with CWC data for more horizons of elements.
- For the polluted stretches the CPCB classifications may be considered.

- CPCB data may be considered as a baseline for further evaluation of the basin and its quality mapping.
- Report should include suggestions, so collectors of different districts can use it in MGNREGA scheme.
- The political aspects part may need to be checked by NRCDC before publishing of the reports.
- NRCDC will write to concerned PCB and SPCB for their corporation, and follow up with them.
- Specify Nodal officers from state and central government Environmental / Irrigation departments, and visit them along with your concerns.
- Organise workshops with industries and stakeholders for making them understand importance of river and the concern we are facing currently.

#### **Prof. Vinod Tare, IIT Kanpur**

Prof. Tare pointed out some of the challenges in data extraction for GIS work across the basin

- Cost involved in Cartosa-3 data
- DEM file for National Mission Clean Ganga is prepared along with the Survey of India.

#### **Dr. Anitha Kumari Sharma, Councillor**

Mrs. Sharma mentioned out that in AMRUT-2 program GOI has already done DEM model for some cities.

#### **Dr. Anindita Majumdar, Associate Professor**

Dr. Majumdar pointed out the challenges faced while extracting data from India-WRIS, particularly for a newly formed state like Telangana.

#### **Vote of Thanks**

- Finally, Shri Rajeev Kumar Mittal provided a vote of thanks.