

भारत सरकार
जल संसाधन, नदी विकास एवं गंगा संरक्षण मंत्रालय
गंगा बाढ़ नियंत्रण आयोग

सिंचाई भवन, पटना-800015
दूरभाष/फैक्स 0612-2217084

सं:जीएफसीसी/सी//2/2010/

दिनांक:

विषय : Summary Record of the Discussions of 51st Meeting of Ganga Flood Control Commission held on 22.06.2018 at New-Delhi.

महोदय,

A copy of summary record of discussion of the 51st meeting of Ganga Flood Control Commission (GFCC) on 22.06.2018 at New-Delhi is enclosed for favour of information and necessary action please.

It is requested that the time frame decided in the meeting for various activities may please be adhered to.

यह पत्र अध्यक्ष, गंगा बाढ़ नियंत्रण आयोग के अनुमोदनोपरांत निर्गत किया जाता है।स

संलग्नक :उपरोक्तानुसारस

भवदीय,

अजीत कुमार
निदेशक (एमपी1)स

प्रतिलिपि सूचनार्थ

सदस्यगण

1. केंद्रीयसमंत्री, जलसंसाधन, नदीसविकास और गंगासंरक्षणसमंत्रालयसकेसप्रधान चिव, श्रमसशक्ति भवन, रफीसमार्ग, नईसदिल्ली-110001सस
2. दस्य(आर.एम), केंद्रीयसजलसभायोग, वेवासभवन, आर.केसपुरम, नईसदिल्ली-110066स
3. मुख्यसभियंता(निचलीसगंगासबेसिनस गठन), केंद्रीयसजलसभायोग, 177-बी, श्रीकृष्णापुरी, पटनास 800001सस
4. मुख्यसभियंता, योजना, इक स्कंध, भूतलसपरिवहनसएवं उच्चमार्गसविभाग, इक परिवहनसएवं उच्चमार्ग मंत्रालय, परिवहनसभवन, नईसदिल्ली-110001सस
5. कार्यकारीसनिदेशक, सिविलसइंजीनियरिंग(ब्रिजसएवं स्ट्रक्चर), रेलवे बोर्ड, कमरासंख्या-126, रेलसभवन, नईसदिल्ली-स 110001स
6. अभियंतासप्रमुख, जलसंसाधनसविभाग, मध्यसप्रदेशस रकार, शिवाजीसगर, भोपाल-462016सस
7. मुख्यसभियंता(अन्वेषनसएवंसपोजना), सिंचाईसविभाग, उत्तर प्रदेश, लखनऊ-226001सस
8. अभियंतासप्रमुख(उत्तर), जलसंसाधनसविभाग, बिहार रकार, सिंचाईसभवन, पटना-15

9. मुख्यसभामियंता(डी.सण्डसभार), सिंचाईसर्वं जलमार्गसनिदेशालय, पश्चिमसंभंगालस रकार, जलसंपदसभवन, प्लॉटसंख्या-1, कोलकाता-91सस
10. अभियंतासप्रमुख, जलसंपसाधनसविभाग, झारखंडस रकार, नेपालसहाऊस, डोरंडा, रांचीस-834002 .स
11. मुख्यसभामियंतासभौरसविभागाध्यक्ष, उत्तराखंडस रकार, यमुनासफॉलोनी, देहरादून-248001.स
12. अभियंता प्रमुख, जलसंपसाधनसविभाग, छत्तीसगढस रकार, सिविलसलाइनस(पुलिस स्टेशनसकेस निकट), रायपुर-स 492001सस
13. निदेशक, केंद्रीयसजलसभौरसशक्तिसभनुसंधानसकेंद्र, पो.-खडगवासला, पुणे-411024.स

स्थायी आमंत्रित सदस्य

1. अभियंतासप्रमुख, सिंचाईसर्वं जलसंपसाधनसविभाग, हरियाणास रकार, प्लॉटसंख्या-सा-4 और 5, सिंचाईसभवन, सेक्टर-5, पंचकुला-134112सस
2. अभियंतासप्रमुख, सिंचाईसर्वं लोक स्वास्थ्यसविभाग, हिमाचलसप्रदेशस रकार, यू.एस.क्लब, शिमलास-171001सस
3. मुख्यसभामियंता, जलसंपसाधनसविभाग, राजस्थानस रकार, सिंचाईसभवन, भवानीससिंहसरोड, जयपुर-302005सस
4. मुख्यसभामियंता, सिंचाईसर्वं बाढ़, नईसराजधानीसक्षेत्रसदिल्ली, आईएसबीटीसबिल्डिंग, 4थी मंजिल, कश्मीरीसमोट, दिल्ली-110006सस
5. कार्यकारीसनिदेशक(स्ट्रक्चर), अनुसंधान, अभिकल्पसर्वं मानक संगठन, रेलसमंत्रालय, मानक नगर, आलमबाग, लखनऊ-226011स

आमंत्रित सदस्य

1. आयुक्तस(गंगा), जलसंपसाधन, नदीसविकास और गंगासंरक्षणसमंत्रालय, पी.जी.ओ.परिसर, 11वां ब्लॉक, 8वीं मंजिल, लोधीसरोड, नईसदिल्लीस
2. महाप्रबंधक, फरक्कासबराजसप्रोजेक्ट, जलसंपसाधन, नदीसविकास और गंगासंरक्षणसमंत्रालय, फरक्कासबराज, जिला-समुशिदाबाद-742212स(पश्चिमसंभंगाल)सस
3. निदेशक, राष्ट्रीयसजलसविज्ञानसंस्थान, जलसविज्ञानसभवन, रुड़कीस(उत्तराखंड)सस
4. दलसप्रमुख, जलसंपसाधनस मूह, एन.आर.एस.सी., बालानगर, हैदराबाद-500037सस
5. आयुक्तसनिदेशक, एफ.एम.आई.एस.सी., जलसंपसाधनसविभाग, बिहार रकार, अनिसाबाद, पटनासस
6. निदेशक, रिमोटसंन्सिंगसएप्लिकेशनसंटर (RSAC), सेक्टर-जी, जानकीपुरम, कुर्नासरोड, लखनऊ-226021 (यू.पी.)स
7. मुख्यसभामियंता, सिंचाईसभनुसंधानसंस्थान, रुड़की-247667स(उत्तराखंड)स

Members

1. PPS to Secretary, Ministry of WR, RD &FR, Sharam Shakti Bhawan, Rafi marg, New Delhi.
2. Member (RM), Central Water Commission, Sewa Bhawan, R.K.Puram, New Delhi – 110 066.
3. Chief Engineer (Lower Ganga Basin Organisation), Central Water Commission, 177-B, Shri Krishna Puri, Patna – 800 001.
4. Chief Engineer, Planning, Roads Wing, Department of Surface Transport & Highways, Ministry of Road Transport and Highways, Transport Bhawan, New Delhi-110 001.
5. Executive Director, Civil Engineering (Bridge & Structures), Railway Board, Room No.126, Rail Bhawan, New Delhi – 110 001.
6. Engineer-in-Chief, Water Resources Department, Madhya Pradesh, Shivajee Nagar, Bhopal-462 016
7. Chief Engineer (Investigation & Planning), Irrigation Department, Uttar Pradesh, Lucknow-226 001.
8. Engineer-in-Chief (North), Water Resources Department, Government of Bihar, Sinchai Bhawan, Patna.
9. Chief Engineer (D&R), Irrigation & Waterways Directorate, Government of West Bengal, Jalsampad Bhawan, Salt Lake City, Kolkata-91.
10. Engineer-in-Chief, Water Resources Department, Government. of Jharkhand, Nepal House, Doranda, Ranchi-834002
11. Chief Engineer & Head of the Deptt. Irrigation Department, Government of Uttarakhand, Yamuna Colony, Dehradun-248001.
12. Engineer-in-Chief, Water Resources Department, Government of Chhattisgarh, Civil Line (Near Police Station), Raipur-492001.
13. Director, Central Water & Power Research Station, P.O Khadakwasla, Pune-411024.

Permanent Invitees

1. Engineer-in-Chief, Irrigation & Water Resources Department, Government of Haryana, Plot No. 1-4&5, Sinchai Bhawan, Sector-5, Panchkula-134112
2. Engineer-in-Chief, Irrigation & Public Health Department, Government of Himachal Pradesh, U.S.Club, Shimla-171001.
3. Chief Engineer, Water Resources Department, Government of Rajasthan, Sinchai Bhawan, Bhawani Singh Road, Jaipur-302005.
4. Chief Engineer, Irrigation & Flood, Government of NCT of Delhi, ISBT Building, 4th Floor, Kashmeri Gate, Delhi-110006.
5. Executive Director (Structures), Research, Design and Standards Organisation, Ministry of Railways, Manaknagar, Alambagh, Lucknow-226011.

Invitees

1. Commissioner (Ganga), Ministry of Water Resources, CGO Complex, 11th Block, 8th Floor, Lodhi Road, New Delhi.

I/71/2018

2. General Manager, Farrakka Barrage Project, Ministry of Water Resources, P.O. Farrakka Barrage, District-Murshidabad-742212 (West Bengal)
3. Director, National Institute of Hydrology, Jalvigyan Bhawan, Roorkee (Uttarakhand).
4. Group Head, Water Resources Group, NRSC, Balanagar, Hyderabad-500037.
5. Joint Director, FMISC, Water Resources Department, Govt. of Bihar, Anisabad, Patna.
6. Director, Remote Sensing Applications Centre (RSAC), Sector-G, Jankipuram, Kursi Road, Lucknow-226021 (U.P)
7. Chief Engineer, Irrigation Research Institute, Roorkee-247667 (Uttarakhand)

**Summary Record of the Discussions of 51st Meeting
of Ganga Flood Control Commission held on 22.06.2018 at New Delhi**

The 51st meeting of Ganga Flood Control Commission (GFCC) was held on 22nd June, 2018 at Sewa Bhawan, R K Puram, CWC, New Delhi under the chairmanship of Shri A.K. Sinha, Chairman, GFCC. The list of participants is at **Annex-I.**

At the outset, Chairman, GFCC, greeted the entire participants and requested the participating members for their brief introduction. After a brief round of introduction of all the participants, Member (Planning), GFCC welcomed all the participants present during the meeting. He briefed the important agenda points of the meeting to be taken up in the meeting. He also stressed the importance of completing different ongoing flood management schemes in time. He also requested member States to prepare the proposal of the schemes on the basis of the comments/recommendations of comprehensive plans and include the suggestions given by the GFCC officials during and after their site inspection.

Shri A.K. Sinha, Chairman, GFCC in his opening remarks extended a warm welcome to all Members, Permanent Invitees, Special Invitees, Directors and other officers. In his opening remarks, Chairman, GFCC highlighted the following general and particular issues to be addressed by the Member States.

- I. As per the recommendation of the Parliamentary Standing Committee on Water Resources on "Review of Ganga Flood Control Commission", there should be two meetings of GFCC in a year, namely, one meeting before the onset of Monsoon season to chalk out detailed coordinated strategies, measures and plans of action for coping with floods mitigation measures for ensuing Monsoon rains for each State of the Ganga Basin followed by another meeting at the end of monsoon season to review and evaluate the effectiveness of the strategies and measures taken during the monsoon season. The present meeting is pre- monsoon preparatory meeting of GFCC for the year 2018.
- II. The Meeting of GFCC provides a good platform for interaction among the members of participating States. Lack of direct interaction may lead to miscommunication and further create confusion in higher level officials in respective Ministries. It was stressed that the basic purpose of GFCC was to build a coherent view on different issues on this platform and it was affirmed that GFCC was always available to help the States and vice-versa.
- III. The importance of proper documentation, which was required to be submitted time to time by State Governments at different stages of proposal for scheme implementation, was highlighted and how proposals got delayed in absence of such documentations.
- IV. It also provides platform to discuss about the data needs for updating comprehensive plans of flood management in different rivers systems of

Ganga basin and the problems faced by the States in implementing recommendations given in the Comprehensive Plans. The importance of timely requirement of different data from State Governments for updating the comprehensive plans of flood management was also highlighted.

- V. The importance of performance evaluation of completed projects was highlighted and participating states were specifically informed about its importance from their point of view.
- VI. It is well known that all Central Govt. Departments/ Organisations are fast moving toward achieving a paperless office by adopting e-office. In this regard need for becoming paperless office by GFCC, Patna by adopting e-office was informed and applauded by all participating members.
- VII. The appraisal of different schemes through e-PAMS, its use and effectiveness in the process of scheme appraisal including its updated version was briefed.
- VIII. The progress of recommendation of KHLC and GHLC was briefed.
- IX. The slow progress of Flood Management Schemes at Sitab Diara were highlighted and Members from State Govt. of Bihar & Uttar Pradesh were requested to take up the work immediately looking into the importance of the project as being birth place of eminent leader Late Sh. Jai Prakash Narayan.

Subsequent to the opening remarks by the Chairman, GFCC, Shri Ajit Kumar, Director (MP-I), GFCC made a power point presentation for deliberation of agenda items. The items discussed and decisions taken are as under.

Item No.51.1 Confirmation of Summary Record of discussions of the 50th Meeting of Ganga Flood Control Commission held on 07.06.2016 at Lucknow

The Summary Record of Discussions of the 50th Meeting of the GFCC held on 07th June, 2017 at Lucknow was circulated to all members vide GFCC's letter no. GFCC/C/2/2010/3750-74 dated 07.07.2017. No comments were received thereon from any of the members.

The Summary Record of discussions of the 50th Meeting of GFCC was unanimously confirmed.

(Action: No action required)

Item No.51.2 Follow up Action undertaken on the minutes of 50th meeting of GFCC

The position as given in the agenda notes was noted by the members.

(Action: No action required)

Item No.51.3 Presentation from Member States on Flood Management Issues and their Preparedness for monsoon 2018, experiences from monsoon 2017 and

status of follow up actions on the discussion of earlier meetings

Member States and other members/ special invitees were requested to give a brief presentation (5 to 10 minutes) on their Preparedness for monsoon 2018, experiences from monsoon 2017 and also on the status of follow up actions on the discussion of earlier meetings.

In this regard four states Bihar, Uttar Pradesh, West Bengal & Haryana, gave presentations on Flood Management Issues and their Preparedness for monsoon 2018, experiences from monsoon 2017.

Gist of Presentation of Bihar: Shri Rajesh Kumar, Engineer-in-Chief (Flood), WRD, Government of Bihar had given detailed & informative presentation on Flood Management & Preparedness for Monsoon 2018. Sh. Rajesh Kumar explained the causes of flood 2017 in details. The heavy rain falls in upper reaches of the river basin in Nepal brought unprecedented discharges/ floods in Bihar. At many places New HFLs were created. At Dumariya Ghat on Gandak River the new HFL was recorded as 64.10 meter on 17.08.2017. Similarly at the Dheng site on the Bagmati River new HFL was recorded as 72.60 meter on 13.08.2017 and at the Goabari site on Lalbekiya River the new H.F.L was recorded as 73.80 meter on 13.08.2017. He gave detailed information about breaches in embankments at various locations in Bihar during flood, 2017. He further informed that 417 Anti Erosion/Flood Protection works had been taken up and would be completed before onset Monsoon Season, 2018.

He also highlighted the issues of flood preparedness in Bihar. He informed that Flood Fighting Materials had been stacked in Central Godown, Patna & Other Godowns near the fields. In addition to it sufficient Flood fighting Materials had been stacked at Vulnerable/Most Vulnerable sites, mobile ambulance equipped with portable generators, halogen lights. E.C. Bag, Nylon Crates, Geo Bags and filter materials like coarse sand and various types of stone chips, had been arranged at most vulnerable/sensitive sites of the embankment for seepage control.

Gist of Presentation of Uttar Pradesh: Shri D.K Mishra, Chief Engineer, I&P (Flood), Irrigation Department, Government of Uttar Pradesh had given presentation on Flood Management & Preparedness for Monsoon 2018. He gave details of last year flood status and embankment breaches. He further elaborated the steps taken by State Government to take care the ensuing flood 2018. In this connection Sh. D. K. Mishra informed that a comprehensive Mock Drill consisting of issuing Flood Bulletin, rehearsal of evacuation work, interstate/ inter-departmental coordination for upstream water flows and coordinated flood fighting had been conducted successfully in June, 2018 to prepare the officials of Irrigation & other departments in case of embankment breaches. The regular patrolling of vulnerable sites was also highlighted.

Gist of Presentation of West Bengal: Shri Arup Kumar Basu, Chief Engineer (D&R), Irrigation & Water-ways Department, Government of West Bengal had given presentation on Flood Management & Preparedness for Monsoon 2018. He gave detailing of Flood problems of West Bengal, vulnerable areas and last year flood status. He further elaborated the action plan of Irrigation & Waterways department, Govt. of West Bengal for preparedness of flood fighting measures for flood season 2018.

Gist of Presentation of Haryana: Sh. Manish Sharma, Executive Engineer, Irrigation & Water resources Dept., Govt. of Haryana had given presentation on Flood Management & Preparedness for Monsoon 2018. He gave details of work executed and drainage status in the State. He informed that in the Irrigation Department one whatsapp group had been formed, which was working to monitor situation in real time basis with hourly gauge/alert regarding flood. The information regarding flood was being updated/shared in this group. He also mentioned about SMS groups consisting of 10 to 15 people of different villages for bottom level participation in addition to State Government officials of concerned departments for efficient management of flood fighting.

Chairman, GFCC appreciated all four states for his detailed information in respect to flood control & flood preparedness. Sh. Rajesh Kumar, Engineer-in-Chief (Flood), WRD, Govt. of Bihar has set benchmark for all other states in particular to flood vigilant system which was duly recognized by representative of NIH, Patna, Sh. Biswajit Chakravorty. Chairman, GFCC further stressed that all States should prepare Standard Operating Procedure (SOP) in regard to Flood Preparedness and same should be uploaded to their websites to which all participating States agreed to.

Chairman, GFCC asked the Member States to document the success stories of selected FMP schemes executed in respective States and share it with each other for experience learning and mutual benefit.

Sh. Rajesh Kumar, Engineer-in-Chief (Flood), WRD, Govt. of Bihar raised the issue of FMP scheme at Sitab Diara, with Member from Uttar Pradesh about the work order which had already been issued for Bihar portion but work could not be taken up in Bihar as it was located in the downstream portion and requested the Govt. of Uttar Pradesh to take up the work together for complete and successful implementation of scheme. In this regard Sh. D.K Mishra, Chief Engineer, I&P (Flood), Govt. of Uttar Pradesh informed that tendering process had been completed and budget provision had been kept for the said scheme. The work would be taken up after inclusion of scheme under FMP. Chairman, GFCC clarified that new Flood Management and Border Area Programme (FMBAP) scheme had no provision for funding of new Flood Management schemes, hence, States would have to take up new Flood Management

schemes from their own resources. Both States agreed to start the work simultaneously from November, 2018.

(Action: All member States)

Item No. 51.4 Establishment of GIS lab and Satellite Data Repository as part of modernization of GFCC

The position was noted by the members.

(Action: No action required)

Item No. 51.5 Review of Comprehensive Plans for Flood Management prepared by the GFCC and their Implementation

The Member States were requested in the previous meetings to send their action plans for implementing the recommendations of the various comprehensive plans prepared by GFCC. So far responses from Bihar and Himachal Pradesh have been received in this regard. Other members were requested to send their action plans immediately. The Ministry of Water Resources, River Development & Ganga rejuvenation is insisting time and again for preparation of DPR of Flood management schemes in conformity with the recommendations of Comprehensive Plan.

Further, issue of updation of comprehensive plan was discussed & it was felt that comprehensive plans need to be updated. Currently, it was decided that 3 river basins would be taken up for updation i.e. Kosi, Gandak & Damodar. In this regard Chairman, GFCC stressed on importance of required data for preparation of comprehensive plan and requested member states to give full co-operation in this regard.

(Action: All Member States)

Item No.51.6 Implementation of Sub-Basin wise Comprehensive Plans for Flood Management prepared by the GFCC

During the previous meetings of GFCC, it was decided that the Action Plan for implementation of recommendations as given in Comprehensive Plans of following river basins would be prepared by the concerned State Governments:

Sl.No.	Name of Comprehensive Plans	States Associated
1.	Ghaghra River System	Uttar Pradesh & Bihar
2.	Mahananda	Bihar & West Bengal
3.	Mayurakshi & Ajoy	West Bengal & Jharkhand
4.	Sone	Jharkhand, U.P & Bihar

The States of Uttar Pradesh, Jharkhand, Bihar and West Bengal were requested to submit their action plans immediately.

(Action: Bihar, Uttar Pradesh, West Bengal, Jharkhand)

Item No. 51.7 Submission of State wise/Basin wise data/information for updation of Comprehensive Plan for Flood Management etc.

It was earlier decided to constitute a Standing Committee for each Ganga Basin State regarding the collection/coordination of data/information required for various purposes like updating of Comprehensive Plans, inventory of Flood Management Schemes, etc.

State of Bihar has already submitted the nomination for Standing Committee. Other States were requested to furnish nomination of their representatives for the aforementioned Committee with complete Postal Address, Telephone/ Fax nos. /e-mail I.D etc. to GFCC within 10 days.

(Action: Member states except Bihar)

Item No. 51.8 Review of technical appraisal status of flood management schemes in GFCC

The status of all schemes received by GFCC from the Ganga basin States during the current year was presented. The position was noted by the Member States.

Chairman, GFCC informed that a web enabled Project Appraisal Management System (e-PAMS) for appraisal of Major, Medium Irrigation, Multi-purpose and Flood Control Project proposed was under advance stage of development in CWC/NIC. Once it is fully functional, all FMP schemes need to be submitted in e-PAMS by state authority. A small presentation on Flood Control Module of e-PAMS was given by Sh. Hitesh Kumar Gupta, Assistant Director, FMP Dte, CWC. Member States requested to provide option for delegation of power to create User-ID and passwords for its subordinate offices. The issue was noted by CWC officials.

(Action: All Member States)

Item No. 51.9 Review of Flood Management Schemes being implemented under Flood Management Programme of Govt. of India

A state wise abstract of status of flood management Schemes included under FMP was presented. All member states except Uttarakhand agreed to the status of FMP schemes. Sh. Mukesh Mohan, Chief Engineer, Uttarakhand Irrigation Department said that there are 7 ongoing FMP schemes against 1 ongoing scheme shown in the table. Chairman, GFCC informed that table was prepared in consultation with State Government only. However, issue would be looked into by team of GFCC officers and concerned State Govt. officers during monitoring visit in July, 2018 as decided in first meeting of the Committee to review all XI & XII Plan spill over works under Flood Management Programme (FMP) to critically examine status of their completion on 21st June, 2018.

Further, Chairman, GFCC requested all member States to submit their demand proposal for FY 2018-19 before June 30, 2018 for ongoing FMP schemes. In this regard Sh. Rakesh Toteja, SJC, FM-II, MoWR, RD & GR stressed on submission of demand proposals with complete documents as mentioned in the FMP Guideline, 2013. It was noted by the Member States.

Member States also raised the issue of reimbursement of expenditures which they had already incurred on behalf of Central Share. In this regard Sh. Rakesh Toteja, SJC, FM-II, MoWR, RD & GR stated that issue was under discussion in Ministry and only after the approval from competent authority reimbursement would be considered. Further, it was decided that Member states may submit their proposal of demand and reimbursement separately.

(Action: All Member States)

Item No.51.10 Performance Evaluation of Completed Schemes under FMP

As per the FMP guidelines, the performance evaluation of completed schemes is required to be conducted by State Governments through independent specialized/ professional agency having expertise in related field in consultation with GFCC.

To facilitate these studies, GFCC has prepared a model Terms of Reference (ToR) and sent to all Member States in April, 2014. The model Terms of Reference (ToR) is also available on web site of GFCC.

In this regard Sh. Bishwajit Chakravorty, Scientist 'G', NIH Patna gave presentation on Performance Evaluation study of Anti Erosion works at village Arjunpur, in Buxar district of Bihar.

Member states raised point against para 9.2 of FMP Guideline, 2013 wherein State Governments would also commission through IITs the performance evaluation of completed works/projects with regard to objectives defined in DPRs and cost of such studies shall be borne by States. Their submission was that it was very difficult to find IITs for such works as they were already pre occupied with so many other works. The issue was noted in the meeting and the relaxation raised by State Governments would be addressed at appropriate platform.

(Action: All Member States)

Item No.51.11 Discussion on design, planning, formulation and implementation of flood management scheme

Position was noted by all member states.

(Action: All Member States)

Item No.51.12 Expert Committee for formulation of guidelines for use of geo-textile/ geo-bags/ geo-tubes in construction of flood management works

The interim report of the expert committee has been circulated to all member states and uploaded in the website of GFCC. One of the terms of reference of the Committee is "to prepare inventory of flood management works constructed in the country using geotextiles/ geobags/ geotubes". The importance of preparation of inventory was emphasized as valuable inputs in finalization of the guidelines and Member States were requested to provide information they have in this regard at the earliest.

(Action: All Member States)

Item No. 51.13 Formulation of National River Silt Management Policy

The draft Sediment Management policy in Indian Rivers has been prepared by the Ministry of Water Resources, River Development & Ganga Rejuvenation. Sh Rakesh Toteja, SJC, FM-II, MoWR RD & GR informed that the draft sediment management policy had been revised. Chairman, GFCC requested to provide copy of revised draft sediment management policy so that it would be circulated to all member states for their views/observation.

(Action: GFCC, All Member States)

Item No.51.15 Date and Venue of the next meeting

It was decided that the next meeting would be organized at New Delhi in November, 2018.

Item No.51.16 Any other item(s) with the permission of the Chair

Member Secretary raised the issue of linear expansion of Railway Bridge over river Babla and Uttrason in West Bengal with Shri Abhay Kumar, Director, B&S, RDSO, Lucknow. Estimate from the Railways Authority is awaiting so that fund can be deposited by I&WD, Govt. of West Bengal. Sh. Abhay Kumar noted the point.

(Action: RDSO, West Bengal)

The meeting ended with a vote of thanks by the Member (C), GFCC.

List of participants of the 51st meeting of GFCC held on 22nd June, 2018 at New-Delhi.**Chairman**

1. Shri A. K. Sinha, Chairman, Ganga Flood Control Commission, Patna – In Chair

Members

2. Shri L.K Taneja, Member (C), GFCC, Patna.
3. Shri Joginder Singh, Member (P), GFCC, Patna.
4. Shri Rajesh Kumar, Engineer-in-Chief (Flood), Water Resources Department, Bihar.
5. Shri Mukesh Mohan, Chief Engineer, Uttarakhand Irrigation Department, Dehradun.
6. Shri D.K Mishra, Chief Engineer, I&P (Flood), Irrigation Department, Govt. of U.P.
7. Shri Arup Kumar Basu, Chief Engineer (D&R), Irrigation & Water-ways Department, West-Bengal.
8. Shri A.K Nayak, Chief Engineer, Lower Ganga Basin Organization, CWC, Patna.

Permanent Invitees

9. Shri Abhay Kumar, Director, B&S, RDSO, Lucknow.
10. Shri Rajesh Kumar Taank, Superintending Engineer, representative to Chief Engineer, Irrigation & Water resource Dept., Haryana.
11. Shri P. S Meena, Superintending Engineer, representative to Chief Engineer, Water Resources Dept., Govt. of Rajasthan.

Other Invitee/Participants**Ministry of Water Resources, River Development & Ganga Rejuvenation.**

12. Shri Rakesh Toteja, Senior Joint Commissioner, MoWR, RD & GR.
13. Shri Shyam Lal Meena , Director Finance , MoWR, RD & GR.
14. Shri Manas Hans Yadav, Deputy Commissioner (FM), MoWR, RD & GR.

Bihar

15. Shri Sanjay Kumar Ojha, Executive Engineer, Water Resource Department, Bihar.
16. Shri Awadhesh Kumar, Executive Engineer, Ganga Pump Canal Division, Bihar.

Jharkhand

17. Shri Hemant Kumar, Executive Engineer, Water Resource Department, Jharkhand.
18. Shri Naresh Prasad Mandal, Executive Engineer, Irrigation Division Godda, Jharkhand.

Uttarakhand

19. Shri A.S Bisht, Executive Engineer, Irrigation Division, Roorkee

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West-Bengal

20. Shri Biplab Mukhopadhyay, Deputy Secretary, Irrigation & Waterways Department, West-Bengal.

Haryana

21. Shri Manish Sharma, Executive Engineer, Irrigation & Water resource Dept., Haryana.

Madhya-Pradesh

22. Shri K.G Singh, Superintending Engineer, Water-Resource Department, M.P.

RDSO

23. Shri H.S Meena, SSRE, RDSO, Lucknow.

NRSC

24. Dr. V.M Chowdhary, Scientist 'SG' , REN, NRSC.

CWPRS

25. Shri Arun Kumar, Scientist-'B', CWPRS, Pune.

NIH

26. Shri Biswajit Chakravorty, Scientist 'G', NIH, Patna.

IRI Roorkee

27. Shri Naveen Singhal, Superintending Engineer, IRI Roorkee.

Central Water Commission

28. Shri Hitesh kumar Gupta, Assistant Director, FMP Dte., CWC.

Ganga Flood Control Commission

29. Shri Ajay Kumar, Director (P&C), GFCC, Patna.
30. Shri Vivek Pal, Director (U.P), GFCC, Lucknow.
31. Shri Ajit Kumar, Member Secretary cum Director (MP-1), GFCC, Patna.
32. Shri Sandeep Kumar, Deputy Director (MP-1),GFCC, Patna.
33. Shri Kumar Kushal, Dy. Director (HRM), GFCC, Patna
34. Shri Kumar Vaibhav, Assistant Director, GFCC, Patna.