

DR. B.R.K. PILLAI
COMMISSIONER (CAD)
Tel : 011-23382256



भारत सरकार
जल संसाधन, नदी विकास और
गंगा संरक्षण मंत्रालय
श्रम शक्ति भवन
रफी मार्ग, नई दिल्ली-110001
GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES
RIVER DEVELOPMENT AND
GANGA REJUVENATION
SHRAM SHAKTI BHAWAN
RAFI MARG, NEW DELHI-110001

D.O No.N.15011/1/2017-CADWM

Dated : 11th June, 2019

Dear Sir,

This is to convey our sincere thanks and appreciation towards Sardar Sarovar Narmada Nigam Ltd. (SSNNL) for co-partnering the Second CADWM Conference held at Ahmedabad on 28th May 2019. The Conference was a grand success involving active participation of about 150 delegates (including over 80 delegates coming from other States) representing the Central and State implementing agencies, domain experts, NGOs, technology providers, contractors, and other key stakeholders. An exhibition showcasing the new technologies and CADWM success stories was also organized on the sidelines of the Conference.

Your esteemed presence during inaugural session gave the desired momentum to Conference, and the tone of the Conference was set by your worthy inaugural address. The Conference deliberations spread over three technical sessions were led by 14 expert presentations. The deliberations were intensely focused generating constructive discussion on CADWM program (success, failure & strategic corrections), its structural intervention (adaptation of new technologies), and the non-structural intervention (sustaining PIM initiative). Outcomes of the daylong reflections were finally translated into 14 key recommendations during concluding session. The concluding session was graced by Shri S.S. Rathore, Chairman, SSNNL, who with his immensely rich experiences gave valuable observations on the CADWM implementation benefitting one and all.

We use this opportunity to personally thank Chairman and your good self for gracing the occasion with esteemed presence, and for enlightening the Conference delegates with your revered addresses. We would also like to record appreciation and gratitude for the wholehearted support extended by SSNNL team, with our special thanks going to: Shri M.K. Jadav (Director-CAD), Shri K.A. Patel (Director-Civil), Sh. Tushar S. Shah (CE-PIM), Shri V.P. Gupta (CE-Mehsana), Sh. R.R. Rajpal (SE-Narmada Canal Distribution Circle), and Shri P.K. Dave (Retd. CE).

Recommendations of the Second CADWM Conference along with few photographs of the event are attached herewith. The deliberations and recommendations of the Conference will immensely benefit the ongoing CADWM Program and also help in tailoring the roadmap of future Programs. The high standards of the Ahmedabad Conference will set the benchmark for future Conferences, aiming for the continual improvement of CADWM Program through active participation of all stakeholders.

With Regards,

Yours Sincerely


(Dr. B.R.K. Pillai) 11/06/2019

Dr. Rajiv Kumar Gupta
Managing Director
Sardar Sarovar Narmada Nigam Ltd
New Sachivalaya, Gandhinagar-382010
Gujarat



जल बचत - जल संघय

वेबसाइट/Website : <http://www.mowr.gov.in>

**RECOMMENDATIONS OF
SECOND CADWM CONFERENCE
(28th May 2019, Ahmedabad)**

**Session Theme: Command Area Development & Water Management
(CADWM) Program Review – Success, Failure &
Strategic Corrections**

1. CADWM implementation in all the ongoing and completed irrigation projects of India should be given utmost priority for ensuring last-mile connectivity and for strengthening of the Participatory Irrigation Management (PIM). In all new irrigation projects, the CADWM cost should be incorporated in the overall cost estimates of the project.
2. There is a need for strengthening and restructuring of CAD Implementing Agencies, giving them an area-wise mandate for ensuring assured irrigation services utilizing the available potential of every water sources.
3. There is need for keeping adequate budget for CAD implementation, and making adequate funds available in the first month of the financial year.
4. There is need for incentivizing the good performers in terms of greater financial assistance for the individual projects as well as individual Water Users' Associations (WUAs) within the projects.
5. Issues like rampant lifting of water from branch and distributaries, and issues related to damages in canal due to obstruction in flows by head-enders, needs to be addressed through proper regulation as well as water education.

Session Theme: Structural Intervention – Adaptation of New Technologies

6. Taking lessons from the successful implementation Under Ground Pipe Line (UGPL) in the command areas of Sardar Sarovar Project, other projects should also promote UGPL leveraging benefits of: (i) ease of implementation, (ii) savings of land, (iii) less vulnerability for pilferage, (iv) feasibility in undulating terrain with support of pumping, and (v) creation of first right for tail-enders.
7. For strengthening the capacity of project implementing agencies, measures like: (i) third party inspection by reputed institutions for quality control should be adopted, and (ii) defect liability period of at least 5 years should be build in CADWM contracts. Processes related to hiring of contracts and timely payments to contractors should be streamlined for improving their capacities.
8. Cluster level Micro-Irrigation (MI) should be an integral part of the project planning. The cost norm for micro-irrigation should be increased to match it with realistic levels. Provision should also be made for integration of conjunctive ground water use in micro-irrigation. GST rate for the drip and sprinkler should be brought down to 5% level for encouraging its wider coverage.
9. Management decisions can be good only if quality of data acquisition and data analysis is good. Aiming for improved planning, construction, and operations of command area network, large-scale quality survey can be done through drone based mapping, and superior analysis achieved through centralized data analytics.

Session Theme: Non-structural Intervention – Sustaining PIM Initiative

10. Handholding support by NGOs in the early years of formation of WUAs is essential. Provision shall also be made for reorientation of such NGOs for assimilating technical aspects of CADWM.
11. Financial empowerment of WUAs should be brought about by giving them flexibility in fixing irrigation water charges over and above government charges. Irrigation water charges should be collected by WUAs and paid to the Project Authority as cluster level service charges. One-time financial grants given to the WUAs (especially infrastructure grant) should also be suitably increased.
12. In order to ease the implementation process of PIM, part of functional grant should be made payable to WUAs without waiting for their 10% contribution as mandated.
13. There is need for creating robust WUA database for: (i) monitoring the functioning and sustainability of WUAs, (ii) benchmarking WUAs performances, (iii) institutionalizing the performance awards for meritorious WUAs, and (iv) organizing exposure visits of new WUAs to the successful WUAs.
14. There is an urgent need for revisiting and reviewing the PIM Acts so as to make them flexible and implementable under varied conditions and as per ground realities.



Registration of Delegates



Inaugral Session- Lighting of Lamps



Inaugral Address – Dr Rajiv Kumar Gupta- MD SSNNL



Technical Session –I (CADWM Program Review – Success, Failure & Strategic Corrections)



Technical Session –II(Structural Intervention – Adaptation of New Technologies)



Technical Session –III (Non-structural Intervention – Sustaining PIM Initiative)



Address by Sh S.S. Rathore, Chairman-SSNNL during concluding session.



Participants of CADWM Conference



Participants of CADWM Conference



Participants of CADWM Conference



Exhibition during the Conference



Exhibition during the Conference



Cultural Programme after Conference



Cultural Programme after Conference