भारत सरकार Government of India

Government of India केन्द्रीय जल आयोग

Central Water Commission नदी आंकड़ा संकलन-१ निदेशालय River Data Compilation-1 Directorate

No.8 /9/ RDC-1/2017/325-330

Dated: 11.04.2018

Sub: Training on "Irrigation Bench Marking" at NWA, Pune between 23rd to 27th April 2018 under NHP- Reg.

A training on "Irrigation Bench Marking" is being organize at NWA, Pune in between 23rd to 27th April 2018 under National Hydrology Project (NHP). Schedule of the training program is attached. It is requested that nominations of suitable officers may be forwarded to this office with the approval of the concerned Member/ Chief Engineer (HRM Unit) in respect of HRM Unit positively by 13.04.2018.

It is also requested to send the nomination of the officer with his mobile no & email id for registration in MIS portal of NHP.

Encl: As above

(राजेश कुमार)

निदेशक (न०आं०स०-१)

प्रतिलिपि:

- 1. RM/D&R/WP&P Co-ordination Directorate, CWC, New Delhi.
- 2. Chief Engineer, HRM, CWC, New Delhi.
- 3. Director, Training Directorate, CWC, New Delhi.
- 4. AD, RDC-1, CWC for uploading on CWC website.

Central Water Commission Central Project Management Unit National Hydrology Project (NHP) Training Programme on Benchmarking Irrigation Projects

Venue: National Water Academy, Pune

Date(s): 23rd April -27th April

Faculty: Dr. Wolfgang Krinner, Eptisa (WK)

Dr. Shashi Srihatti Shirahatti (SSS)

Dr. V. R. Kiresur (VRK)

Dr. D. K. Singh, IARI (DKS)

Dr. A. K. Mishra, IARI (AKM)

Dr. Debasis Chakraborty, IARI (DC)

Dr. R.N. Sankhua, Director, CWC (RNS)

Mr. Sunil Kumar, Director, NWA (SK)

Dr. S.G. Bhogle, former Head & Professor, WALMI, Aurangabad (SGB)

Faculty from National Water Academy, Pune (NWA)

| Time | Topic | Faculty | |
|------------------------------|--|---------|--|
| 23 rd April 2018, | Monday | | |
| 0930 – 1000h | Registration of participants | | |
| 1000 – 1030 h | Inauguration | | |
| 1030 – 11 45 h | Overview of benchmarking in irrigation sector including case studies | AKM | |
| 1145 -120 0 h | High tea | | |
| 1200 – 131 5 h | Irrigation project benchmarking: methodology and indicators | AKM | |
| 1315 – 1400h | Lunch | | |
| 1400 - 1515h | Irrigation techniques and irrigation efficiency, modernization of irrigation systems | SK | |
| 1515 - 1530h | Tea | | |
| 1530 - 1645h | Hands-on exercise on benchmarking indicators | AKM | |
| 24 th April 2018, | Tuesday | | |
| 1030 – 1145 h | Economic analysis of irrigation projects | WK | |
| 1145 -1200 h | Tea | | |
| 1200 – 1315 h | Methodology to estimate crop water demand, irrigation water demand and irrigation efficiency | DC | |
| 1315 – 1400 h | Lunch | | |

| Time | Topic | Faculty |
|------------------------------|---|---------|
| 1400 - 1515h | Hands on exercise on crop water demand | DC |
| 1514 - 1530h | Tea | |
| 1530 – 1645 h | Institutional/social/environmental aspects of irrigation | SGB |
| 25 th April 2018, | Wednesday | |
| 1000 – 1700 h | Field visit to Hiware Bazar | NWA |
| 26 th April 2018, | Thursday | |
| 1030 – 1145 h | Implementation of a benchmarking programme | DKS |
| 1145 -1200 h | Tea | |
| 1200 – 1315 h | Hands-on exercise on benchmarking irrigation project | DKS |
| 1315 – 1400 h | Lunch | |
| 1400 – 1515 h | Potential & constraints of benchmarking & the way forward | DKS |
| 1515 - 1530h | Tea | |
| 1530 – 1645 h | Remote sensing and GIS applied to irrigation | RNS |
| 27 th April 2018, | Friday | |
| 1030 – 1145 h | Agro-economic analysis (yield, cost, productivity) | VRK |
| 1145 - 1200 h | Tea | |
| 1200 – 1315 h | Irrigation water allocation through water user associations | SSS |
| 1315 – 140 0 h | Lunch | |
| 1400 - 1515h | Hands on exercise on irrigation efficiency | RNS |
| 1515 - 1530 h | Tea | |
| 1530 – 1545 h | Open House and Feedback | SK |
| 1545 – 1615 h | Valedictory Session | SK |
| 1615 - 1630h | High Tea | |