

I/38750/2020

Government of India
Central Water Commission
Training Directorate

No. A-33022/116/2020-TRNG DTE/

Date: .11.2020

Circular

Flood Control Application-II Directorate, CWC, New Delhi is organizing a three day **Online Capacity Building Workshop for CWC Officials arranged by Google through Google Meet during 1-3 Dec., 2020.**

It is hereby informed that any willing officer interested to join this online workshop may do so, with the permission of his/her controlling officer by registering themselves on the link given in the enclosed mail or using the web link given below:

(<https://meet.google.com/rzq-kqwd-xmc>.)

The agenda and schedule of the event is enclosed.

Encl: as above

(E. Venkateswarlu)
Dy. Director (Training)

1. Sr. PPS to Chairman, CWC, New Delhi.
2. Sr. PPS/PPS to Member RM/WP&P/D&R, CWC, New Delhi.
3. All Chief Engineers, CWC.
4. Secretary/All Directors/SEs, CWC.
5. Steno, Training Dte to upload the Circular on CWC website



CWC / Google - Capacity Building Workshop

Aim for the workshop

Based on the ongoing cooperation between the CWC and Google, we would like to share the technical knowledge between the teams and to ensure knowledge transfer and transparency

Date

The workshop will take place between Dec 1st to Dec 3rd, 2020 and will be held virtually (google team will supply the Google Meet invites). The talks will be given by Google team to the below audience.

Participants from CWC

- Flood Control applications-II (FCA-II) Directorate
- Flood Control applications-I (FCA-I) Directorate
- Flood Forecast Monitoring (FFM) Directorate
- River Data Compilation-II (RDC-II) Directorate
- Any other interested Dte/field office of CWC

Agenda

Day	India Time	Talk subject
Day 1 - Overview	11:30 - 12:00	Overview of the Google Flood Forecasting Initiative
	12:00 - 12:30	Real time notification dissemination
	12:30 - 13:00	Flood alerts visualization & risk polygon definition
	13:00-14:00	Lunch break
	14:00-15:00	Hydrologic model metrics + uncertainty
Day 2 - Inundation	10:30 - 11:30	Digital elevation maps (30 min + questions)
	12:00 - 13:00	Inundation ground truth and evaluation (30 min + questions)
	13:00-14:00	Lunch break
	14:00 - 15:00	Inundation modeling: (45 min + questions) <ul style="list-style-type: none">- hydraulic 5 min- Morphological- Lightweight
Day 3 - Hydrology	12:00-13:00	Hydrologic model with reference to a specific CWC gauge
	13:00-14:00	Lunch break
	14:00-15:00	New research in the hydrologic model with specific CWC gauge example
	15:00-16:00	Auto detection of flood initiation