



Government of India  
Central Water Commission  
Hydrology (South) Directorate

No. 4/14-C/2010-Hyd(S)/ 166

Dated: 31.05.2012

To,

All Chief Engineers of CWC

Sub: Training on "Use of Statistics in Hydrology" scheduled to be held from  
**18.07.2012 to 20.07.2012** in New Delhi.

Sir,

The statistics and various data analysis techniques are widely used in hydrology. The hydrological data analysis generally deals with both normal events and extreme events. Both types of events require different type of statistical analysis. Hydrologists have to be careful in carrying out any statistical analysis of data duly considering the type of the data and purpose of the analysis. It is generally seen that there is not much clarity in using various data analysis techniques for different purpose in hydrology.

Accordingly, Hydrological Studies Organization, Central Water Commission is organizing three day training programme on "Use of Statistics in Hydrology" at CWC Office, Sewa Bhawan, New Delhi from 18<sup>th</sup> to 20<sup>th</sup> July, 2012.

The topics to be covered in the training are as under:

- Introduction of Statistics and its use in Hydrology.
- Data processing and various data checks techniques.
- Random variables and probability distributions.
- Parameter Estimation Techniques.

- Commonly used distributions in extreme events.
- Goodness of Fit tests.
- Stochastic processes and Time Series Analysis.
- AR and ARMA models.
- Uncertainty and sensitivity analysis.

It is requested to kindly nominate suitable officer(s) preferably having interest in hydrology. The nomination may please be sent to this office by the first week of July, 2012.


Yours Sincerely,

  
(Bhopal Singh)  
Director

Copy for kind information to:

1. PSO to Chairman, CWC, New Delhi.
2. PPS to Member (D&R), CWC, New Delhi.
3. PPS to Member (RM), CWC, New Delhi.
4. PPS to Member (WP&P), CWC, New Delhi.
5. Director (Training), CWC, New Delhi- It is requested to provide the training hall during the training period (i.e. 18<sup>th</sup> to 20<sup>th</sup> July, 2012).

✓ 6. Director SMD, CWC - for uploading on CWC website and internet portal.

  
26/06/12  
#AD-II  
Sharmaji

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