

### विशेष कार्य ग्रधिकारी OFFICER ON SPECIAL DUTY

राष्ट्रपति सचिवालय राष्ट्रपति भवन नई दिल्ली - 110004 President's Secretariat, Rashtrapati Bhavan, New Delhi - 110004

No. F.2-M/2000



1st July, 2000

Dear Shri Singh,

The President of India, Shri K. R. Narayanan, is happy to know that the 10th National Symposium on Hydrology is being organized by the Indian Association of Hydrologists, Roorkee in association with the National Institute of Hydrology, Roorkee, Central Water Commission, and Central Soil and Material Research Station from 18th to 19th July, 2000 at New Delhi.

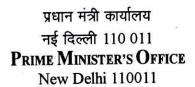
The President extends his warm greetings and felicitations to the participants and the organisers and wishes the Symposium all success.

With regards,

Yours sincerely,

Shri Pratap Singh, Organising Secretary, Tenth National Symposium on Hydrology, National Institute of Hydrology, Roorkee - 247 667, U.P.







10th July, 2000

Dear Shri Singh,

The Prime Minister, Shri Atal Bihari Vajpayee is pleased to know that the 10<sup>th</sup> National Symposium on Hydrology is being held in New Delhi on July 18 and 19, 2000.

The focus on urban hydrology is appropriate given the increasingly felt need for a sufficient, reliable, and economical water supply to our expanding cities. For that, we need to explore all types of solutions, whether old or new. This conference can help in evolving appropriate solutions for this issue by bringing together experts and others associated with water resources development.

The Prime Minister sends his best wishes to the organisers and participants of the symposium.

With best wishes,

Yours sincerely,

(Kanchan Gupta)

Shri Pratap Singh, Organising Secretary, Tenth National Symposium on Hydrology, National Institute of Hydrology ROORKEE

# अर्जुन चरण सेठी Arjun Charan Sethi



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वर्ष - 2000-A.D.

## जल संसाधन मंत्री, भारत MINISTER OF WATER RESOURCES, INDIA

12 JULY 2000

## <u>MESSAGE</u>

It is indeed a matter of pleasure to learn that the Indian Association of Hydrologists, Roorkee, in association with Central Water Commission, New Delhi, National Institute of Hydrology, Roorkee and Central Soil & Materials Research Station, New Delhi, is organizing National Symposium on Hydrology with focal theme on Urban Hydrology. India has witnessed rapid urbanization since independence. The urban population in India was 17.3% of total population in 1951 and it increased to 25.7% in 1991. It is expected to reach 50% by the year 2025.

The components of the hydrologic cycle are modified by the increase in the built up area, increase in the fresh water demand and wastewater disposal. Research and scientific endeavour should now focus on how the limited and precious water is to be used in the best possible way so that the demands are satisfied without endangering the environment. I am sure that the symposium will give serious thought to some of these larger issues and give suitable recommendations for policy formulation.

The symposium provides a good meeting ground to participating engineers and scientists for exchanging ideas and experiences. I wish the symposium all success and do hope that the deliberations would result in meaningful recommendations.

(ARJUN CHARAN SETHI)

यदि कुशलता से प्रबंधित है जल, देश का भविष्य है उज्जवल Nations' strength lies in prudent management of Water

## विजया चकवर्ती **BIJOYA CHAKRAVARTY**



जल संसाधन राज्य मंत्री भारत सरकार श्रम शक्ति भवन. नई दिल्ली - 110 001

MINISTER OF STATE FOR WATER RESOURCES **GOVERNMENT OF INDIA** SHRAM SHAKTI BHAWAN.

**NEW DELHI-110 001** 

11 JULY 2000



## MESSAGE

I am happy to know that the Indian Association of Hydrologists, Roorkee, in association with Central Water Commisssion (CWC), New Delhi, National Institute of Hydrology (NIH), Roorkee and Central Soil and Materials Research Station (CSMRS), New Delhi, is organising the Tenth National Symposium on Hydrology with focal theme on Urban Hydrology.

It is a commendable effort to bring together hydrologists, engineers and scientists on a common platform for a meaningful exchange of ideas on this important topic of Urban Hydrology. An integrated approach to water development has to be adopted in the urban areas to ensure that the increasing demands are fulfilled without causing degradation to the environment. This is possible only through continued interaction of experts in various sectors related to water resources development. I congratulate the endeavours of the organisers of the symposium and convey my best wishes for its grand success.

(BIJOYA CHAKRAVARTY)

# M. KARUNANIDHI CHIEF MINISTER



SECRETARIAT CHENNAI-600 009 Dated 10.7.2000

## **MESSAGE**

It gives me immense pleasure to know that the 10<sup>th</sup> National Symposium on Hydrology is being organised by the Indian Association of Hydrologists (IAH), Roorkee, in association with the National Institute of Hydrology (NIH), Roorkee, Central Water Commission(CWC), and Central Soil and Material Research Station (CSMRS), at New Delhi during 18<sup>th</sup> and 19<sup>th</sup> July, 2000.

Our government is according top-most priority for providing the required basic amenities of the people. I hope and trust that this conference will provide an opportunity for experts from different parts of the country to share their rich experience and work with renewed vigour, so that water resources development plans can be framed and implemented in the best possible manner.

On this occasion, I extend my warm greetings and best wishes to the organisers and wish the symposium all success.

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(M. KARUNANIDHI)

To

Thiru. Pratap Singh,
Organising Secretary,
Tenth National Symposium on Hydrology,
National Institute of Hydrology,
Roorkee



ज़फरूल हसन **Z. HASAN** Tel.: 3710305



भारत सरकार जल संसाधन मंत्रालय SECRETARY TO THE GOVERNMENT OF INDIA MINISTRY OF WATER RESOURCES SHRAM SHAKTI BHAWAN, RAFI MARG, नई दिल्ली/NEW DELHI-110 001

### **MESSAGE**

I am pleased to know that the Indian Association of Hydrologists, Roorkee, in association with Central Water Commission, New Delhi, National Institute of Hydrology, Roorkee and Central Soil and Materials Research Station, New Delhi, is organising National Symposium on Hydrology with focal theme on Urban Hydrology. With the rapid growth of population and rise in the standard of living, the demand for water has considerably increased over the last 35 years and will rise further in the coming years. The demand in urban areas is increasing at a much faster rate. To meet the demand on a sustainable basis there is an inescapable need for the country to develop, conserve, utilise and manage this national resource on an integrated and environmentally sound basis governed by national perspective.

Experiences in the field should be correlated with the latest developments in the technological sphere to evolve a system of development suitable for our needs. It is indeed gratifying to note that renowned professionals and academicians of hydrology and water resources are expected to participate in the symposium to discuss the new techniques and innovations in this area.

I convey my best wishes to the participants and the organisers of the symposium.

(Z. Hasan)