

वीसेंट एच. पाला  
VINCENT H. PALA



सत्यमेव जयते

जल संसाधन राज्य मंत्री  
भारत सरकार  
श्रम शक्ति भवन  
नई दिल्ली-110001  
MINISTER OF STATE FOR  
WATER RESOURCES  
GOVERNMENT OF INDIA  
SHRAM SHAKTI BHAWAN  
NEW DELHI-110001

Dated the 3<sup>rd</sup> November, 2009

## MESSAGE

I appreciate the Indian Association of Hydrologists, for organization of National Symposium on : *Climate Change and Water Resources in India (CCWRIN), 18<sup>th</sup> - 19<sup>th</sup> November, 2009, Roorkee*. Definitely the threat of climate change is looming large and is getting world-wide attention. Even a very small country like Maldives is making contingent plans for evacuating the people on rise in the sea level, since many of its landmass is within one meter from sea level. Receding glaciers in the Himalayas and melting of polar ice caps are being reported, which make the scenario more gloom.

The window of opportunity to prevent global warming from reaching dangerous levels of two degree Celsius or more above the pre-industrial temperature, which could trigger irreversible and catastrophic changes in the global environment was closing fast. Concerted efforts are needed to arrest the rise in temperature to dangerous levels. The responsibility is fallen upon the present generation to reverse the trend.

Towards this end, I hope that the National Symposium would address the issues and recommend measures so that suitable remedial action can be taken at appropriate level.

I wish the National Symposium all success.

(VINCENT H. PALA)

**Shri A. D. Bhardwaj,**  
President, IAH & Chairman Organising Committee,  
IAH Secretariat,  
National Institute of Hydrology,  
Roorkee - 247667 (Uttarkhand)



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सचिव  
भारत सरकार  
जल संसाधन मंत्रालय  
श्रम शक्ति भवन,  
रफी मार्ग, नई दिल्ली-110001

उमेश नारायण पंजियार  
UMESH NARAYAN PANJIAR



SECRETARY  
GOVERNMENT OF INDIA  
MINISTRY OF WATER RESOURCES  
SHRAM SHAKTI BHAWAN  
REFI MARG, NEW DELHI - 110001

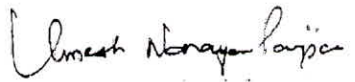
## MESSAGE

I am happy to know that the Indian Association of Hydrologists (IAH) is organizing a National Symposium on "Climate Change and Water Resources in India (CCWRIN)" on 18-19 November 2009 at Roorkee.

Most of the studies for assessment of impact of climate change on water resources indicate that the climate change may lead to further intensification of the temporal and spatial variations in water resources. However, it is very important to carry out studies with scientifically collected data which adequately represent the features at basin level and to make a realistic projection of the future scenario. The strategies to address the related issues should be based on such projection.

I understand that all related issues would be deliberated by the participants during the Symposium. I hope that the recommendations of the Symposium would help in identification of rational approach in addressing in the issues in proper perspective.

I wish all success for the National Symposium.

  
(Umesh Narayan Panjiar)

स्वच्छ सुरक्षित जल - सुन्दर खुशहाल कल  
**CONSERVE WATER - SAVE LIFE**

Tel. : 23715919 Fax : 23731553 Email : un.panjiar@nic.in



**Chairman  
Central Water Commission  
Government of India**

## **MESSAGE**

Climate Change remains one of the most complex issues facing mankind today and having a potential to adversely impact various facets of life and ecology. We all know that climate change is likely to alter the distribution and quality of the world's natural resources which will affect the livelihood of the people dependent on such resources. With an economy closely tied to its natural resource base and climate-sensitive sectors including agriculture, water and forestry, India may face a major threat because of the projected changes in climate.

We all understand that Climate change will alter the availability and quality of India's water resources by affecting the hydrological cycle. With a warmer climate, droughts and floods could become more frequent, severe, and longer-lasting. It is therefore important to identify the key issues and challenges which expected climate change will bring in water resources availability and management in order to provide the frame work for targeted research and consequently recommendations for the future.

As a professional body, I am very happy to know that the IAHR is organizing a National Symposium on "Climate Change and Water Resources in India (CCWRIN)", on 18-19 November, 2009, which is well intended and timely. The deliberations at the Symposium will be of use in chalking out the future course of action to mitigate the adverse effects due to climate change in the water sector.

I wish all success to the Symposium.

(A K Bajaj)