

## REPORT FORMAT OF THE STATUTORY DAY FOR PUBLICATION IN WEBSITE /IEI NEWS

Name of Centre / Overseas Chapter:	Uttar Pradesh State Centre		
Title of Activity:	<b>World Water Day.</b>		
Theme	Water for Peace.		
Date:	March 22, 2024	Venue:	Engineers' Bhawan, IEI, UP State Centre, Lucknow



**Chief Guest inaugurating the event**



**A Scene of Audience**

The Institution of Engineers (India), UP State Centre, Lucknow celebrated World Water Day with the theme 'Water for Peace' on 22/03/2024 at Engineers' Bhawan, River Bank Colony, Lucknow. The Keynote Speaker of this program was Dr. Manish Rameshchandra Ranalkar, Scientist-F and Head, Meteorological Centre, Lucknow.

He told that the world is in the grip of a climate crisis, with disruptive weather patterns wreaking havoc, intensifying extreme events, and jeopardizing water security on a global scale. Climate change is no longer a distant threat; it is here, altering landscapes, contaminating water sources, and amplifying the vulnerability of populations worldwide. Indeed, the essence of the climate crisis lies in its profound impact on water resources. From devastating floods to encroaching sea levels, from vanishing ice fields to raging wildfires and parched droughts, the manifestations of climate change are vivid and alarming. However, amidst this turbulence, water emerges as both a casualty and a potential solution. Sustainable water management stands as a linchpin in bolstering societal resilience, curbing carbon emissions, and safeguarding ecosystems. Every individual and household hold a stake in this battle; collective action at grassroots levels is imperative. The nexus between water and climate change is undeniable, with extreme weather exacerbating water scarcity, pollution, and unpredictability. These disruptions, permeating every aspect of the water cycle, pose a grave threat to sustainable development, biodiversity, and access to water and sanitation. As floods ravage lands and sea levels encroach, the contamination of vital resources becomes imminent, while infrastructure faces unprecedented strain. Glacial retreat, once a distant concern, now imperils the regulation of freshwater resources for millions in low-lying regions. Droughts and wildfires, in turn, destabilize communities, inciting unrest and migration on a staggering scale. Moreover, the degradation of vegetation and tree cover exacerbates erosion, diminishes groundwater reserves, and compounds food insecurity. The burgeoning demand for water, driven by energy-intensive practices in agriculture and industry, further exacerbates this crisis. In charting a path forward, policymakers must

accord water the prominence it deserves within climate action plans. Sustainable water management not only bolsters adaptation efforts but also serves as a potent tool in mitigating climate change itself. Political cooperation across borders is imperative to balance competing water needs and prioritize the conservation of vital ecosystems.

Furthermore, innovative financing mechanisms must be leveraged to attract investment, foster job creation, and empower governments to realize their water and climate objectives. The time for decisive action is now; the fate of our planet hinges on our collective resolve to confront the intertwined challenges of water and climate change. Together, let us forge a future where water is cherished, protected, and harnessed as a force for resilience and renewal in the face of the climate crisis.

At the beginning of the program the Chairman of the Institution of Engineers, UP State Centre Shri Satya Prakash welcomed all the visitors. On this occasion Shri V.B. Singh, Past National Vice President, IEI, Shri Masarrat Noor Khan, FIE, IP Chairman of the Institution of Engineers, UP State Centre, Mr. Sudhir Kumar Verma, SCC Member, Shri Ashok Kumar Singh, Past Engineer-in-Chief, Irrigation Department, Shri Ashok Kumar Agrawal, Engineer-in-Chief, PWD, Shri Ashish Kumar, General Secretary, U.P.E.A., Dr. Ashish Srivastava, Past Chancellor, Dr. Rajendra Prasad, Agricultural University, Pusa were also present. The convener of the event was Shri K P Tripathi, SCC Member, he told about the subject matter and also introduced the Keynote Speaker. The program concluded with the vote of thanks by Dr. Jaswant Singh, Past Honorary Secretary, IEI, UP State Centre, Lucknow. A large number of audience participated in the program.