

## **Celebration of UN General Assembly declared "International Day of Clean Air for Blue Sky" on September 07, 2021**

*Organised by West Bengal Pollution Control Board in Association with Bose Institute, Department of Environment, Department of Urban Development and Municipal Affairs*

### **Background:**

With a view to make the people aware, theme of the day "Healthy Air-Healthy Planet", the day was observed and celebrated physically at the West Bengal Pollution Control Board. The link of the celebration was made open to all for better participation by all.

### **Participants:**

Attendees from various sections of various sections of the society viz., school children, faculties from universities, Officials from Government, representatives from urban local bodies etc. to make the program, a successful one. About 78 participants from 4-Schools (Bethune Collegiate School, Kolkata; Namkhana Union RashmoniBalikaVidyalaya, South 24 Parganas; Lalbagh Singh High School, Murshidabad and Sakhawat Memorial Govt. Girls's School, Kolkata), 2-Universities (Calcutta and Jadavpur), 4-Municipal Corporations (Kolkata, Howrah, Asansol and Durgapur), 2-Municipalities (Haldia and Barrackpore) and Additional Secretary, Department of Environment participated through virtual platform and Officers attended and participated the program at the physical venue of West Bengal Pollution Control Board.

Among the senior officers present in person are: Ms.PapiyaGhose Roy Choudhury, Additional Secretary, UD&MA; Mr.DebasishChakraborty, Director General (Heritage & Environment), Kolkata Municipal Corporation; Dr. AbhijitChatterjee, Associate Professor, Bose Institute, Kolkata (as representative Nodal Scientist of Institute of Repute for Kolkata, Howrah and Barrackpore) and Dr. DipanjanaMoulik, SEE (Department of Environment). The program was also attended in person by students from Bose Institute and Officers and officials from WBPCB.

The entire program was presided over by Dr. KalyanRudra, the Chairman, WBPCB.

The entire program was also made live from the face Book page of WBPCB (<https://fb.watch/7T6WGpjmYo/>).



Exchange of MoU between Bose Institute, WBPCB and KMC for Nation Clean Air Program for Kolkata. Bose Institute is the Institute of Repute in West Bengal and Dr Abhijit Chatterjee is the Nodal Scientist for this national program of Govt. of India for the state of West Bengal. The MoU was exchanged in presence of Dr Kalyan Rudra, The Chairman, WBPCB and Mrs Papiya Ghosh Roy Chowdhury, Additional Secretary, UDMA, GoWB.



Dr Abhijit Chatterjee, Associate Professor of Bose Institute is delivering invited lecture on Kolkata's air quality. The program was held at West Bengal Pollution Control Board, Kolkata on 7<sup>th</sup> Sept, 2021, celebrating International Blue Sky Day.



(Left) Dr Kalyan Rudra, The Chairman, WBPCB is delivering a lecture. (Right) Mrs Papia Ghosh Roy Choiwdhury, Additional Secretary, Urban Development and Municipal Affairs, GoWB with Miss Monami Dutta and Mr Abhinandan Ghosh (SRFs working under Dr Abhijit Chatterjee).

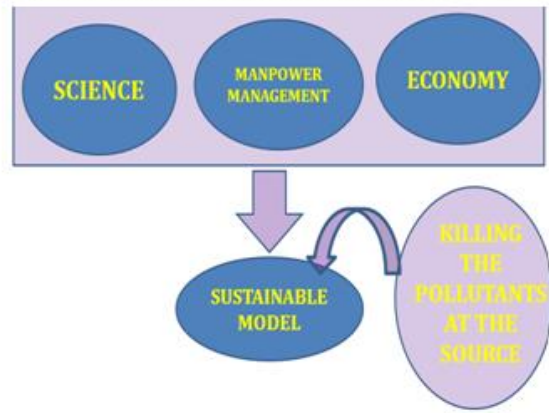
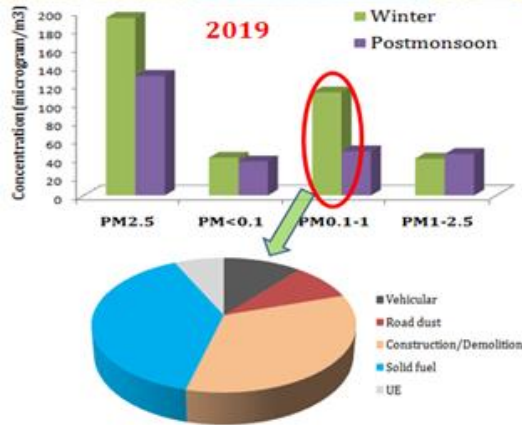
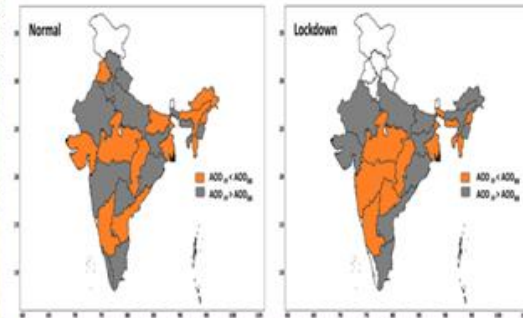
### **Presentation of Invited Research Lecture:**

Dr Abhijit Chatterjee delivered a talk on the long-term trend of aerosols and air quality over Kolkata. The salient features of his talk can be summarized as follows:

- PM<sub>2.5</sub> over Kolkata has been increased at the rate of  $\sim 5 \mu\text{g}/\text{m}^3$  over last 15 years.
- In addition to the local sources, central and western Indo-Gangetic Plain contribute significant amount of air pollutants ( $\sim 20\%$ ) over Kolkata.
- The massive biomass burning plume from Eastern Ghat region enhances pollutants loading over Kolkata during summer.
- Solid fuel burning and construction/demolition dust are the major sources of Kolkata's PM<sub>2.5</sub> in winter.
- Ward-level surveillance and stringent enforcement are required for mitigation of such sources.
- Dr Chatterjee emphasized on the building of a sustainable model for air pollution mitigation with the focus on "killing pollutants at the source".



Relative Influences of Fossil-fuel and Biomass Burning in India



Some glimpses of Dr Chatterjee's presentation

**You Tube Link of the program:**

<https://www.youtube.com/watch?v=dfIsEtegLTk>

**Flyer of the program:**



## West Bengal Pollution Control Board

Cordially invites you in a webinar to observe "Blue Sky Day"

On September 7, 2021 at 14.00 IST



### BENGAL'S AIM TOWARDS A BLUE SKY

West Bengal is located in the lower part of Indo Gangetic Plain, which is known as one of the most polluted regions of the world. The air quality of the state has degraded to large extent due to rapid urbanization, socio-economic development, and transboundary pollution inflow. Under National Clean Air Programme, six cities in the state were identified as "non-attainment" cities, which exceeds National Ambient Air Quality Standard. Kolkata is one of such "non-attainment" city.

Therefore it is extremely necessary to deploy more air quality monitoring stations in urban locations to obtain detailed information on day-to-day air quality as well as local and long-range pollution sources. This will help the Government and policymakers to implement stringent policy to reduce air pollution which will further lead us towards a more cleaner atmosphere.

Expert talk will be on

"Long term trend of aerosols and air quality over Kolkata: Impact of local emissions and long range transport"



Preside by

**Dr. Kalyan Rudra**  
Chairman, WBPCB  
Govt. of West Bengal



Speaker

**Dr. Abhijit Chatterjee**  
Associate Professor  
Environmental Sciences  
section  
Bose Institute, Kolkata

Join the informative & important talk

Video link:

<https://meet.google.com/yyn-kwiw-hnb>