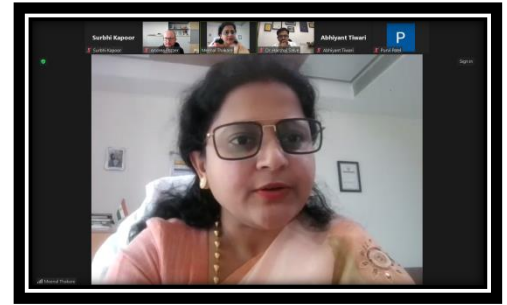




The webinar began with brief introduction about CAPHER India by the Dr. Harshal Ramesh Salve, CAPHER India secretariat. The Moderator, Dr. Meenal M. Thakare introduced the first speaker Dr. Andra Pozzer who is

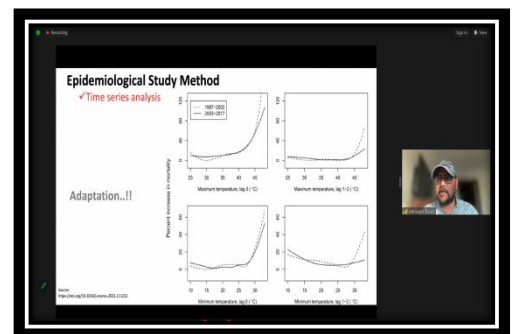


Adjunct Associate Professor at the Cyprus Institute, Group leader at the Max Planck Institute for Chemistry, Mainz, Germany. He discussed about global evidences for Linkages of Heat Air Pollution and Health Outcomes. He quoted studies by Burnette et al (2018) and Pozzer et al. (2023) to reveal the effect of Particulate



Matter on various health ailments. He talked about climate change and its effects on temperature variation and air quality. He stated that mortality due to long term exposure to non – optimal temperature and air pollution is expected to increase significantly in future (2000-5.7m/year; 2090 – 30.3 m/year). It was also added that non optimal temperature related mortality increases at a faster rate than air pollution related mortality. He finally stated that air pollution and climate change policies should be integrated together.

The second speaker, Dr. Abhiyant Tiwari, Senior Consultant, NRDC India, Indian evidences for Linkages of Heat Air Pollution and Health Outcomes. He talked about increased mortality among vulnerable people over years due to high temperatures and how it impacts health directly and indirectly. He also explained how climate change poses a barrier to Universal Health



Coverage. He concluded his talk by quoting results from many research studies done in India.



The last speaker was Dr. Purvi Patel, Senior consultant at the National Centre for Disease Control, Ministry of Health and Family Welfare. She discussed the various initiatives taken by



Government of India under National Programme for Climate Change and Human Health. Organisational Framework and key objectives of the programme were explained in detail. Lastly she discussed about various guidelines, advisory and resources. The programme concluded by vote of thanks to the Resource persons and Moderator.

Take home message

The webinar emphasized on various issues like increasing global temperature, adverse impact on vulnerable people and combined effect of air pollution and increasing heat. Climate change can pose a threat on universal health coverage by changing diseases burden, rising poverty, population displacement and migration, disruption of health care system and workforce. Government of India has taken many initiatives under National Programme on Climate Change and Human Health like I.E.C development, capacity building, awareness activities and have also developed training manuals and other resources. Since air pollution and heat have a severe impact on health, therefore, the need of the hour is to promote multi-sectoral coordination among Health care workers, scientists, environmentalist, researchers and policy makers. National Health action plan to deal with such adversities needs to be modified as per changing climate trends. Public advisory systems should be updated regularly in regional languages so that they are accessible one and all. Climate



CAPHER-India

Collaborative for Air Pollution and Health Effects Research -India



change and increasing levels of air pollution are global problems and the policies of air quality and climate change should be developed together.

The programme received a huge response with more than 100 participants. The audience greatly benefitted from your knowledge and expertise on the topic. The insights on the topic have given a wider perspective to the audience regarding air pollution and extreme heat scenario across the globe and made the event a success.

