





Indian Society of Geomatics – Ahmedabad Chapter (ISG-AC) Indian Meteorological Society – Ahmedabad Chapter (IMSA) Indian Society of Remote Sensing – Ahmedabad Chapter (ISRS-AC) *cordially invite you all for*

World Ozone Day – 2020

Celebration

with Popular lecture on

Ozone layer and ozone pollution: Issues, challenges and future ahead

by

Dr. Manish Naja

Chairman – Atmospheric Science Division Aryabhatta Research Institute of Observational Sciences (ARIES)

September 16, 2020 (3:00 PM – 4:30 PM)

Through: GoToMeeting

Meeting ID: https://global.gotomeeting.com/join/973322901 (using your Computer, Tablet or Smart phone)

C. P. Singh Secretary, ISG-AC Abhisek Chakraborty Secretary, IMSA D. Ram Rajak Secretary, ISRS-AC







Brief Biodata of Dr. Manish Naja



Dr. Manish Naja is a senior scientist and chair of the Atmospheric Science Division at ARIES, Nainital, India. He has pursued doctoral research work at PRL, Ahmedabad, India and worked as a postdoctoral scientist at FRCGC, JAMSTEC, Yokohama, Japan and NIES, Tsukuba, Japan for about 7 years before joining ARIES. He has been instrumental in setting up a high-altitude atmospheric laboratory at ARIES, Nainital and continuing high quality long-term observations of trace gases, ozone and aerosols using surface-based, balloon-borne and ship-borne instruments. Recently a Stratosphere Troposphere Radar (wind profiler) has been operationalized at ARIES and he has played a leading role in this. He has been involved in INDOEX, GOSAT, GVAX, SusKat, ASM-UTLS (StratoClim) projects/campaigns. Presently, he is the PI of ISRO-ATCTM projects and leading a ST Radar facility at ARIES. He is a SSC member of IGAC and co-chair of IGAC-MANGO.

About World Ozone Day

This year, we are celebrating 35 years of global ozone layer protection. Life on Earth would not be possible without sunlight, but very difficult without ozone layer. This stratospheric layer shields us from most of the sun's harmful UV radiation. So, when scientists working in the late 1970s discovered that human activities were creating a hole in this protective shield, they raised the alarm. The hole – caused by ozone-depleting gases was threatening to increase cases of skin cancer and cataracts, and damaging plants, crops, and ecosystems. In 1985, the world's governments adopted the Vienna Convention for the Protection of the Ozone Layer. Under the Convention's Montreal Protocol, governments, scientists and industry worked together to cut out 99% of all ozone-depleting substances. Thanks to the Montreal Protocol, the ozone layer is healing and expected to return to pre-1980 values by mid-century. World Ozone Day, held on September 16, celebrates this achievement. Amidst COVID-19 pandemic the slogan of the day, 'Ozone for life', reminds us that collective decisions and action, guided by science, are the only way to solve major global crises.

Contacts:

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