

## Conference Report

### International Conference on Aerosol, Air Quality and Climate change(AAA-2018)

Department of Physics, Hemvati Nandan Bahuguna Garhwal University  
Srinagar (Garhwal) Uttarakhand – 246 174  
21-23 October 2018

A 3 days International conference on "Aerosol, Air Quality and Climate change" was held in Srinagar (Garhwal), Uttarakhand, India from 21<sup>st</sup> to 23<sup>rd</sup> October, 2018 hosted by the Department of Physics, Hemvati Nandan Bahuguna Garhwal University (A Central University), Uttarakhand in Collaboration with the newly formed Society," Indian Society of Aerosol, Air Quality and Climate Change Research (ISAA-CCR)", Srinagar (Garhwal) and Uttarakhand Science Education and Research Centre (USERC), Dehradun, India. The conference started by playing traditional Uttarakhandi instruments to celebrate the arrival of distinguished guest and participants.



Chief Guest Dr D K Aswal releasing the Abstract Book of AAC-2018

During his welcome address, Convener of the conference, Prof Bhatt welcomed the guests, distinguished scientists and delegates and stressed the need to save and preserve the environment. Dr. Alok Sagar Gautam, organizing secretary of the conference presented an overview of the conference and stated the objectives of the conference. He also took the opportunity to launch the newly formed society, "Indian society of Aerosol, Air Quality and Climate Change Research (ISAACCR)", which aims to promote Study of Aerosols and their Impact on Atmosphere. The guest of honor, Dr. S D Attri in his speech mentioned the importance of air, water and other resources which sustain life. He expressed that climate change is affecting us all and is one the biggest threat to our environment. Many disasters are observed every year in Himalayan regions of India. Himalayas are a very rich source of biodiversity and are very resourceful. He highlighted that Himalayas are very fragile and must be protected at all costs. He also stressed on the use of non-conventional energy resources.



Group Photo of Participants of AAA-2018



Professor Vinod Rastogi (right) Presenting Memento to a scientist during AAA-2018

The Chief Guest Dr. Aswal, Director, NPL, Delhi who also happens to be the alumni of the University delivered his presidential speech. He stated that air quality and climate change are two faces of a coin and

explained how greenhouse gases warm the earth by giving an example of heat trapping in a car standing in the sun, comparing earth's atmosphere to the car and windows to ozone layer. He highlighted that whether global warming is a natural phenomenon or manmade is still not properly known and its consequences as are still a matter of research.

The co-convener of the conference, Dr. Suresh Tiwari, IITM, Delhi branch also delivered his views, mainly focusing on the need to improve our ecosystem.



Prof Bhatt presenting a Memento to Prof Rajesh Srivastava



Prof Vinod Rastogi presenting a Memento to an Invited Speaker during conference

Vice chancellor of the University, Prof. Annpurna Nautiyal congratulated the Physics Department for organising the conference on such an important and burning topic. She found value in the conference as esteemed and knowledgeable people from different scientific background were gathered to exchange views and learn from each other's research and experience regarding such an important topic of Aerosols, Air Quality and Climate Change and highlighted that one of the main point of the conference was to save our human life. She questioned whether climate change is an established phenomenon and stressed the important of peace on earth. She congratulated Dr. Alok Sagar Gautam for establishing Cloud monitoring equipment successfully while mentioning that equipment should be used judiciously and there be proper awareness of such instruments amongst students and people.

The conference comprised of Plenary Lectures, Invited talks, Oral and poster presentations covering a range of topics discussing the characteristics (Physical, Chemical and Optical Properties) of atmospheric aerosols. The speakers stressed the need to explore the solutions to keep environment safe and methods of sustainable development.

At the concluding session of the conference, Dr Alok Sagar Gautam summarized the whole conference and presented Vote of thanks. The Scientists and Invited speakers were honoured by memento. He thanked each one associated with the conference.

Alok Sagar Gautam

Org Secretary