



FROM THE PRESIDENT'S DESK

It is a matter of happiness that our efforts to enhance the quality and visibility of VayuMandal have been fruitful. With the cooperation of the members of IMS, the number of papers submitted for publication in VayuMandal has been showing an increasing trend. There is also more and more enquiry about the status of their papers from the authors. Their pursuance is keeping the editorial committee on alert. This is a very good sign of interest generated by our scientific community in VayuMandal.

IMS annual conference TROPMET/INTROMET is the major source of papers for VayuMandal. I am very much thankful to the young researchers who have been submitting papers to VayuMandal based on their presentations in this important annual meet of IMS.

As in the last couple of issues, VM 44(2) also contains review articles, regular papers, a report on extreme weather phenomena and a report from IMS and its chapters. From this issue onwards, we are formally welcoming the new members of IMS by publishing their names in VayuMandal.

In the current issue, the first three papers are review articles invited from distinguished IMS Fellows Mr. S. Raghavan, Dr. R. K. Datta and Prof. P. C. Pandey. These review papers discuss on very important topics such as whether wind and solar farms can green a desert like that of Rajasthan, data mining techniques for interpretation of weather forecasts and the characteristics of latent heat flux over the Bay of Bengal during Indian Summer Monsoon deficit period. In addition, VM 44(2) contains papers on very relevant issues in the field of weather and climate in India such as retrieval of atmospheric motion vector using INSAT-3D and INSAT-3DR Imager data, impact of temperature and solar radiation on wheat crop (especially in Uttar Pradesh), analysis of extended-range forecasts of extreme rainfall events over our northern most state Jammu and Kashmir and finally on merging of high accurate precipitation estimates from Global Precipitation Measurement (GPM) with Meteosat First Generation (MFG) to develop a regional rainfall monitoring algorithm.

As we know, the quality of a journal depends on the scientific contents of the papers submitted. The more the authors are careful about the clarity in the abstract, keywords, conclusions, figures and tables, more the paper becomes appealing. It may be noted that due to limited resources, VayuMandal does not have a dedicated team to take care of all the nitty-gritty of publishing. Cooperation of the authors is the most valuable asset to enhance the quality of VayuMandal. Nevertheless, the timely response of the reviewers are deeply acknowledged. Our team spirit, comprising of the cooperation from the authors, reviewers and the editorial team, will take us to a higher level of publishing by IMS.

**SKDash
President, IMS**

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