

Publication Division
India Meteorological Department, New Delhi

Subject: One-Day National Symposium “Seventy-Five Years of Accomplishments of Mausam at IMD, New Delhi – Call for Abstract

The India Meteorological Department proudly announces a significant milestone in the journey of our esteemed journal, Mausam, which marks its 75th anniversary this year. This achievement highlights our unwavering commitment to fostering advancements in the fields of Meteorology, Hydrology, and Geophysics. To commemorate this momentous occasion, a One-Day National Symposium titled “**Seventy-Five Years of Accomplishments of Mausam: Quarterly Journal of Meteorology, Hydrology, and Geophysics**” has been organized. The event will take place on January 13, 2025, in hybrid mode at Mahika Hall, Ministry of Earth Sciences, New Delhi.

Scientific Themes for Mausam Symposium

- Advancement in Weather Forecasting Service
- Advancement in NWP Modelling
- Advancement in Long Range Weather Forecasting
- Tropical Cyclones and Severe Weather Research
- Recent Advances in Air Quality Forecast Research
- Coastal and Marine Weather Research
- Climate Change and its Impact: Global and National Perspectives
- Antarctica and Southern Ocean Weather & Climate Research
- Aviation Weather Forecast and Research
- Heat and Cold Wave: Research Priorities
- Monsoon and Heavy Rainfall: Research Gaps and Opportunities
- Radar Applications for Severe Weather Forecasting: Research Priorities
- Thunderstorm Monitoring and Prediction

Call for Extended Abstracts

Extended Abstracts (not more than 4 A4 size pages) should be submitted to the organizers as soon as possible and not later than **2nd January, 2025**. The abstract should be sent to (mausamps@gmail.com) in WORD. An example of abstract is attached herewith. Abstracts should be sent before the due date related to the theme mentioned above.

- All abstract must be prepared and submitted in English.
- All abstracts should be prepared in MS Word format, Times New Roman as per template. Abstracts should clearly state the purpose, results and conclusions of the work to be described in the presentation and final paper.

Please indicate if you would like to attend the workshop in-person or through online and present the paper.



(Vijay Kumar Soni)

Scientist-F, IS&KRDD

India Meteorological Department, New Delhi

Template for Extended Abstract

TITLE OF YOUR EXTENDED ABSTRACT (Times New Roman (TNR), Bold 14pt centered)

Author, A¹, Author, B², and Author, C³ (TNR 12pt centered)

¹Institution 1(TNR 12pt centered)

²Institution 2 (TNR 12pt centered)

³Institution 3 (TNR 12pt centered)

E-mail (corresponding author)

1. INTRODUCTION (headlines: TNR Bold, 12pt)

Authors are requested to submit an extended abstract for Mausam Symposium not exceeding four (4) pages in English.

The extended abstract must include the title, author(s) introduction, material and methods, results and discussion, conclusion and references. The manuscript should be prepared on an A4-sized paper with 25 mm margins on all sides and typed with single spacing using size 12 Times New Roman font. All illustrations must be prepared inside of the main text. Selected papers will be published in the special issue of the Mausam.

2. MATERIALS AND METHODS (headlines: TNR, Bold, 12pt)

The methodology must be clearly stated and described in sufficient detail or with sufficient references.

3. RESULTS AND DISCUSSION (headlines: TNR Bold, 12pt)

The findings and arguments of the work should be explicitly described and illustrated. Supporting figures, tables and images of the

All the tables, images and figures should be centered. Figures and images should be numbered and figure headers should be placed under the figure or image; as for the tables, they should also be numbered and the table header should be placed at the top. References (if any) of the tables, figures and images should be presented right under the tables, figures and images in the form of author surname and publication date.

4. USING THE TEMPLATE FOR SEVERAL COMPONENTS (headlines: TNR Bold, 12pt)

4.1 Equations

Equations should be centered and numbered consecutively, as in Eq. [1]. An alternative method is given in Eq. [2] for long sets of equations where only one referencing equation number is wanted.

(1 line spacing here)

$$F((A - b_n)^2, c_n^2, D) = \frac{1}{(23\pi)^{1/3}} \int \frac{d^3 b_n}{3\omega_1} \delta^4(A - b_n - D + c_n) \quad [1]$$

(1 line spacing here)

where,

$$A = \begin{bmatrix} E_{11} & E_{12} & *E_{21} & *E_{22} \\ -[E_{12} & E_{13} & *E_{22} & *E_{23}] \end{bmatrix} \quad [2]$$

4.2 List

Lists can be provided using either numbers or bullets:

- i. List item 1 like this;
- ii. List item 2 is an example of a longer list item that wraps to a second line, where the second line is indented.

The example for bulleted items like this:

- List item 1;
- List item 2.

4.3 Tables and figures

Tables and figures should appear in one column of a page and be numbered consecutively. Figures and texts may appear on the same page, and a centered caption should appear directly beneath the figure. It is preferable that figures be mounted in portrait style and figure captions are no longer than two lines. On figures showing graphs, both axes must be clearly labeled (including units if applicable).

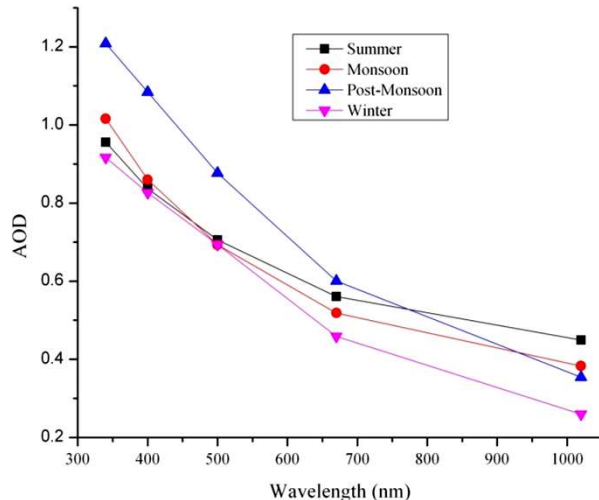
Tables should be designed to have a uniform style throughout the paper, following the style shown in Table 1. Table captions should be in 10pt “Time News Roman” bold, centered, and the texts in Table should be set in 9pt “Time News Roman” font.

Table 1. Caption heading for a table should be placed at the top of the table and within table width.
(Use “time news roman” font, size 10pt, No spacing after table title)

	A	B	C	D
A	Aa	Ab	Ac	Ad
B	Ba	Bb	Bc	Bd
C	Ca	Cb	Cc	Cd
D	Da	Db	Dc	Dd
E	Ea	Eb	Ec	Ed

Authors are advised to prepare their figures in either black and white or color. Please prepare the figures in high resolution (300 dpi) for half-tone illustrations or images. Pictures must be sharp enough otherwise they will be rejected. Figures must be originals, computer-generated or drafted, and placed

within the text area where they are discussed. Figure 1 shows one example. Figure captions should be in 10pt “Time News Roman” font, bold, centered. When applicable, the texts in graphs, illustrations or images should be set in 8pt “Time News Roman” font.



**Figure 1. The caption heading for a figure should be placed below the figure and within figure/illustration width.
(Use “Time News Roman” font, size 10pt, no spacing between title and figure)**

4.4 Footnotes

Footnotes are denoted by a character superscript in the text ^b.

4.5 Units

Use either SI (MKS) as primary units. English or CGS units may be used as secondary units (in parentheses). Avoid combining SI and CGS units. This often leads to confusion because equations do not balance dimensionally. If you must use mixed units, clearly state the units for each quantity that you use in an equation. Do not mix complete spellings and abbreviations of units. Spell out units when they appear in text.

5. CONCLUSION (headlines: TNR Bold, 12pt)

Conclusions should include (1) the principles and generalisations inferred from the results, (2) any exceptions to, or problems with these principles and generalisations, (3) theoretical and/or practical implications of the work, and (5) conclusions drawn and recommendations.

6. ACKNOWLEDGMENT (headlines: TNR Bold, 12pt)

The authors would like to express acknowledgement.

7. REFERENCES (headlines: TNR Bold, 12pt)

References should be listed arranged in alphabetical order beginning with the author’s names and initials, followed by the year of publication, title of periodical, volume and page. Example:

^b Just like this one.

Parlange, J.Y., R. Haverkamp and J. Touma. 1985. Infiltration under ponded condition: 1. Optimal analytical solution and comparison with experimental observation. *Soil Sci.*, 139: 305-311.

In the text, references should be cited with the name of the author(s) with the year of publication in parenthesis, e.g., Philip (1957), Taylor and Baker (1986), Smith et al. (1987).