

Newsletter No.1 / April 2008

Dear Ladies and Gentlemen,

due to the rapid communication process, it is difficult to keep pace with recent developments and publications in atmospheric sciences. The amount of journals and publications is steadily increasing, while important results may be missed and may not be considered in ongoing publications and references.

Therefore, we decided to inaugurate the Newsletter of the journal Meteorologische Zeitschrift (MetZet, see www.schweizerbart.de/j/meteorologische-zeitschrift/, to be cited as Meteorol. Z.). On a regular basis, MetZet publishes special issues and regular issues. The major purpose of this Newsletter is to keep you informed about the content of recent MetZet issues and about highlights concerning the editorial process.

Newsletter No.1, 2008:

1) Why publish in MetZet?

The MetZet is a journal of the Meteorological Societies of Austria, Germany, and Switzerland. It has **a long tradition** in the publication of results since the middle of the **19th century**. Many ground-breaking results were published first in MetZet. Though the title "Meteorologische Zeitschrift" may imply German as language, unfortunately a widely-distributed misunderstanding, it is an **English language journal**, which is available in most important libraries all over the world.

The contents of MetZet are fairly wide ranging, including all aspects of weather and climate research including Earth system science.

The **impact and immediacy factors** have been steadily increasing and has recently exceeded the value of 1.0 and 0.82, which corresponds to rank **33** and **5** of 48 journals in meteorology, respectively.

Turnover times of articles is short due to a flexible, competent, and efficient editorial team.

Open access of your articles is easily possible. Further details can be found on the MetZet website.

Accordingly, it is worthwhile to consider MetZet as the journal of choice for your publications.

2) Why read MetZet articles?

MetZet addresses key topics in atmospheric sciences. An overview of the contents of MetZet articles can be found at www.ingentaconnect.com/content/schweiz/mz.

A prominent example is the recent Special Issue on **"Adjoint Applications in Dynamic Meteorology"**

(www.ingentaconnect.com/content/schweiz/mz/2007/00000016/00000006), which has been organized by the Editors Martin Ehrendorfer, Department of Meteorology, University of Reading, and Ronald M. Errico, Global Modeling and Data Assimilation Office, NASA, GSFC. If you click on the links corresponding to each article you can read and/or download the abstracts.

The Editorial can be freely downloaded and gives you a concise overview about the table of contents of this special issue. **We are convinced that this special issue represents the state-of-the-art in the use of adjoints in dynamic meteorology and it is must to read it for experts on this area.**

The **first regular issue of MetZet** in 2008 (see www.ingentaconnect.com/content/schweiz/mz/2008/00000017/00000001) has also a very exciting content. It is ranging from papers dealing with expected statistics of extreme events under global climate change (e.g., www.ingentaconnect.com/content/schweiz/mz/2008/00000017/00000001/art00009), climatological analyses in data sparse regions such as eastern Europe, to the analysis of turbulent processes. Another highlight of the MetZet is the refreshment of the **memory on historical articles**.

It is often forgotten that original articles of MetZet contained basis ideas on meteorological research, which are not anymore considered as reference today. We think it is important to remind the atmospheric sciences community that original and creative ideas may have a long history and that knowledge and correct citation of basis articles in atmospheric sciences is a key part of scientific work.

In this connection, the first issue of MetZet contains the **Historical Notes Section** with articles on "The first mathematical models of dynamic meteorology" (www.ingentaconnect.com/content/schweiz/mz/2008/00000017/00000001/art00010) and "Defant's work on North Atlantic climate variability revisited" (www.ingentaconnect.com/content/schweiz/mz/2008/00000017/00000001/art00011).

In the future, these articles will be extended to the **MetZet Classic Paper Series** with a detailed analysis of historical results set in context to the present knowledge in atmospheric sciences.

We would be happy to continue to keep you informed about the contents of MetZet with our next Newsletters. You can unsubscribe from this Newsletter by clicking on the link [unsubscribe Newsletter](#). On the other hand, we would appreciate very much if you sent us the email of scientists, who are interested to join the email list of the MetZet Newsletter.

Best regards,

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