

From the Guest Editor

The impact of solar activity on weather conditions in the cosmic space, as well as on the planet, is a challenge that has long been arousing the curiosity of scientists. Despite the position that we are in a time of global warming of our planet, there are also studies suggesting that one could rather talk about regional climate changes and not global warming. Certainly, a man by his actions, *i. e.* release of harmful gases into the atmosphere affect the local, and in some cases regional climate (weather) conditions. However, there are also papers suggesting that we could soon (basically since 2020) enter the stage of the global temperature downturn, similar to those conditions that existed during the Little Ice Age.

In the first part of the Special Edition there are two papers dealing with global issues. One of them deals with scientific uncertainties about climate changes, and the energy balance of the Earth has been analyzed in another one, on the basis of which it is determined that a new little ice age follows.

Temperature regimes and climate changes in certain geographic areas, as well as factors that are analyzed in this respect have been described in 8 papers.

The relationship between climatic factors and the possibility of using solar energy has been analyzed in 4 papers, while two papers are dealing with the influence of solar activity on the processes in the atmosphere.

A hiatus in global warming in the period since 1998 has been analyzed in two papers.

One paper, respectively, refers to urban impacts on temperature processes, impact of forest ecosystems on temperature processes, the temperature influence on the economic and tourism indicators, and the relationship between air temperature and earthquakes.

Guest editor

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IMPORTANT INFORMATION FOR AUTHORS

Due to the sharp increase of the number of papers submitted for publication in the journal *Thermal Science*, already accepted papers have to wait longer and longer time to be published. Our Online first list became too long.

To cope with this problem, and to make paper processing time shorter, Editorial Board of the journal *Thermal Science* accepted stronger rules for preparing manuscripts. The most important change is that maximum number of pages for scientific papers is now 12 pages (for review papers 20 pages) prepared according Instructions for preparing manuscripts.

New rules for preparing manuscripts are summarized in the following documents:

Thermal Science – Guidelines for authors – 2013

Thermal Science – Instructions for preparing manuscripts – 2013, and

Thermal Science – Reference list specification – 2013

Also, each author or corresponding author of the manuscript is obliged to fulfill and sign:

Thermal Science – Authors' check list – 2013.

Thermal Science – Authors' check list should be sent with the manuscript.

Those documents can be downloaded from our website:

<http://thermalscience.vinca.rs>