

The journal publishes original scientific articles (its structure is presented below), as well as summary and discussion papers (no special requirements for its structure)

REQUIREMENTS FOR MANUSCRIPTS

The article is in Russian.

By special agreement with the Editor you can submit an article in English. In the latter case it is published in both languages and translation from English into Russian is provided by the publisher.

1. STRUCTURE (example)

UDC code

ANTHROPOGENIC EMISSIONS OF SULPHUR OXIDES AND THEIR INFLUENCE ON PLANT GROWTH

A.B. Ivanov^{1),2)}, *V.G. Petrov*^{2)*}

¹⁾ Institute of Global Climate and Ecology of Roshydromet and RAS,
20B, Glebovskaya str., 107258, Moscow, Russia

²⁾ Institute of Geography RAS,
29, Staromonetnyi, 109017, Moscow, Russia; **petrov@glasnet.ru*

Abstract. The main results should be summarized. Any references are not allowed.

Volume of no more than 350 words.

Key words. Up to 10 words or phrases.

Introduction

This section should contain:

- origins of the subject of the paper;
- objective of the work;
- special tasks addressed by the authors.

Methods and materials

This section should contain descriptions of:

- research methodology used, including experimental and/or theoretical methods;
- results of any studies, data network observations or other materials used in the work, or information taken from published scientific sources. Please provide a reference to all materials that are not original.

Results

This section provides a description of the obtained results and includes corresponding tables and/or figures.

Discussion

In this section the results obtained by the authors are compared with published results of other studies (or the earlier results of the same author). Any similarities and differences should be analyzed, any unexpected results are discussed. The overview of the potential future research can be indicated.

Acknowledgements

This section is optional. It expresses the acknowledgements to any individuals and/or organizations for their support and assistance provided to the authors to conduct the research and/or prepare the article.

References

2. TECHNICAL REQUIREMENTS.

MAXIMAL VOLUME is 40 thousand characters including spaces. A manuscript should be submitted as a MSWord file. The font type is black Times New Roman 12, line spacing is 1.5 and pages are numbered. All titles and subtitles, tables, figures, formulas, footnotes and references should be in the text of the manuscript.

ANNEXES are not allowed.

REFERENCES. The list is not numbered, started with new page. References arranged in alphabetical order according to the last names of authors. In case of its complete match – by the year of publication, and in case of identical years – an additional index should be introduced (1997a, 1997b, etc.). The place of publication and title of the journal are given in full, with the exception of common, eg., Moscow – M., Saint-Petersburg – SPb., Academy of Sciences – AS, etc.

Examples:

From non-periodical sources

Arzhanova V.S., Elpatyevsky P.V., Kravtsov, V.M. 1987. Geochemical dendrochronology background and impact of ecological-geochemical conditions. – In: Monitoring of background pollution of natural environments, vol. 4. – SPb., Hydrometeodot, p. 327-341.

From periodical sources

Arzhanova V.S., Elpatyevsky P.V. 1988. The metal content in the leaves of Mongolian oak in terms of aerial technogenic impact. *Silviculture*, No. 5, p. 45-52.

Volodin E.M., Dianskii N.E. 2003. The response of the coupled model of General circulation of the atmosphere and ocean to increase carbon dioxide. *Physics of atmosphere and ocean*, vol. 39, p. 193-210.

Kuznetsov E.S. 1941. Radiative heat transfer in a moving liquid medium. *Izvestiya AS USSR, series of Geophysics*, vol. 5, No. 1, p. 3-28.

Callendar G.S. 1938. The artificial production of carbon dioxide and its influence on temperature. *Quarterly Journal of the Royal Meteorological Society*, vol. 64(275), p. 223-240.

Hulme M. 2009. On the origin of ‘the greenhouse effect’: the 1859 Tyndall's interrogation of nature. *Weather*, vol. 64, No. 5, p. 121-123.

Monograph

Larcher V. 1976. *Plant ecology*. – M., Mir, 384 p.

Friedman, A.A. 1966. Selected works /under. ed. by L.S. Polak/. – M., Science, 462 p.

From reports, reviews, etc. without the authors

Canada's Greenhouse Gas Emission: Estimates for 1990. 1992. – Rep. Environment Protection Series 5/AP/4. – Ottawa, 78 pp.

IPCC 2014. Climate Change 2014: Synthesis Report. Contribution of Working Groups I, II and III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change [Core Writing Team, R. K. Pachauri and L. A. Meyer (eds.)]. IPCC, Geneva, Switzerland, 151 pp.

Sources from the Internet

The Convention on biological diversity. The ninth meeting. Montreal, 10-14 November 2003. Climate change. Note by the Executive secretary. – Electron. Data – Available at: <http://rud.exdat.com/docs/index-782345.html>. – Rus.

IPCC 2007: Fourth assessment report, Climate Change. Working group II report: Impact, adaptation and vulnerability, chapter 4: Ecosystems, their properties, goods and services. – Electron. Data – Available at: www.ipcc.ch. – Eng.

CITATION IN THE TEXT: one author – (Smith, 1995), two authors – (Ivanov and Petrov, 1998), more than two authors (Thompson et al., 1997), (Ivanov et al., 2001).

Without authors: (Canada's Greenhouse Gas Emission..., 1992), (IPCC, 2014) – e.g. the initial part of the source and year of publication should be indicated. Such reference should be the same throughout the text.

TABLES:

- all tables should be numbered and have a title;
- font type is Times New Roman 10;
- tables should be placed in the text immediately after the first reference to or as close as possible to that place;
- font type for table footnotes is Times New Roman Font 10;
- it is desirable that the table was made in MS Excel, each one on a separate sheet and was attached as a separate file (files) to the submitted manuscript;
- size of tables: 245 mm width, 124 mm height;
- reference in the text as following: table 1.

Example:

Table 1. Sunrise time in Moscow (h)¹⁾

SEASON	YEAR	WINTER	SPRING	SUMMER	AUTUMN
YEAR	-0.88	-0.67	-0.65	-0.25	-0.77
WINTER	-0.68	-0.79	-0.45	0.03	-0.49
SPRING	-0.83	-0.59	-0.90	-0.34	-0.62
SUMMER	-0.65	-0.37	-0.50	-0.67	-0.61
AUTUMN	-0.82	-0.55	-0.54	-0.22	-0.86

¹⁾ Greenwich time

FIGURES:

- can be colored or black and white, with captions;
- must also be provided as separate files in the TIFF format with resolution not less than 300dpi (dots per inch);
- actual size of at least 7 cm;
- figure file should be the last name of the first author and the figure number (e.g., ivanov_1.tiff);
- reference in the text as following: fig. 1.

Example:



Figure 1. Volcanic eruption

BIOLOGICAL SPECIES IN LATIN are given in italics, but the author (and the year of description and/or systematical affiliation, if used) – in ordinary font type. Example: *Potentilla erecta* (L.) Raesuch.

VARIABLES: the font type is italics.

The decimal separator is a dot "."

FORMULAS: to be drawn with MS Word MathType 6.0.

DIMENSION FORMAT: please, consider using “tons ha⁻¹” instead of “tons/ha”

Postal address: PEMEM, Editorial Board, Yu. A. Izrael Institute of Global Climate and Ecology. 20B Glebovskaya str., 107258 Moscow, Russian Federation
E-mail: pemem@list.ru