

Author guidelines for Journal of Oceanological Research

A.A.Smirnov¹, B.B.Petrov¹, V.V.Ivanov²

¹ P.P.Shirshov Institute of Oceanology of the RAS, Moscow, 117997, Russia
E-mail: smirnov@ocean.ru

² Space research Institute of the RAS, Moscow, 117997, Russia
E-mail: Ivanov@iki.rssi.ru

The work is devoted to the preparation of articles for submission to the journal. It describes how to set upload files, their structure and design. The rules of representation of the graphical information and tables is given. The preparation of vector and halftone drawings is considered, particular attention is paid to work with color images. Each article should include a brief English part, which is made by analogy with Russian. The rules for formatting references and bibliography are considered in detail. The list of references should be provided in two types – traditional and in Latin, the algorithm of "latinization" is proposed. Please note that the presence of keywords is necessary. The number of keywords should not be more than 15.

Keywords: publication, article, study, rules of design, remote sounding, algorithms, instruments, methods, satellites.

Introduction

The editorial board requests the authors to follow these rules when submitting articles to the editor. The manuscripts for consideration are accepted with the total volume (text, figures, references, etc.) of no more than 10 pages for articles of the thematic sections, for section of the review articles – no more than 20 pages, for the short messages - no more than 4 pages. The rules of preparation and submission of the materials are the same for all manuscripts.

For the submission of articles to the journal, you should prepare the following files:

1. An MS Word file of the text of the article.
2. The image files in **.jpg** (**.tif** and etc.) format (if available, each in a separate graphic file). If the drawings are complex, composed of subfigures (eg. 1A, 1B), you can send their parts separately, in this case in the **.pdf** file (see Chapter 4) it is needed to show these drawings in assembled form.
3. An MS Word file with the signature (if any).
4. File in **.pdf**, including the text, figures and signatures inserted in the appropriate places of the text. When you create a file you can use lower resolution of the pictures so that the file size does not exceed 5 MB. Before the transformation of text from MS Word to **.pdf** you need to create consecutively numbered lines of text, which significantly facilitates the work of reviewers. To do this in Microsoft Word, click "page Layout", then "line Numbers" and select the option "Continuously". Line numbers will appear automatically. It is possible to remove the line numbering by selecting the option "No".

All files must be named according to the surname of the first author in the Russian language. If the author has several articles where he is the first author, the files should be called by the surname of the first author and the first word of the title.

Example:

Ivanov - climatology -text.doc
Ivanov - climatology -figure-1.tif
Ivanov - climatology –signatures-to-the-figures.doc
Ivanov - climatology.pdf

File of article

The text of the article should be prepared in a format fully compatible with Microsoft Word, it **should be checked using a Spell Checker**.

Use the following page setup. Paper size – A4. Orientation – portrait. Margins: top and bottom – 2 sm, left margin – 3 sm, right margin – 1,5 sm.

The file structure of article is the following:

- (1) thematic category (code) must be indicated according to the current nomenclature of scientific specialties) – UDC code and/or GRNTI;
- (2) title of the article;
- (3) author(s);
- (4) institution, address, E-mail;
- (5) abstract;
- (6) keywords;
- (7) text;
- (8) references;
- (9) title in English;
- (10) author(s) in English;
- (12) institution, address, E-mail in English;
- (13) abstract in English;
- (14) keywords in English;
- (15) references in Latin.

Title of the article

The title of the article is printed in small letters, font Arial 14 bold, single spaced, centered. The point in the end is not put. It is advisable not to use abbreviations (except common ones, such as the names of the name of international organisations, institutions, research programmes, satellites or sensors, such as the UN, UNESCO, IO RAS, MODIS, NOAA, etc.).

The authors

First initials are written, then last name. Font Times New Roman 12, bold, single spacing, centered. If all authors work or study in the same institution, it is not necessary to specify separately the place of work of each author. If authors have different affiliations, after the last names it is necessary to put 1, 2, 3 in superscript.

Organization, address, e-mail

Name organization (affiliation) must be typed in Times New Roman 12 italic, single spacing, centered and separated from the previous section and the subsequent text by one blank line. The organization name should be written completely optional in brackets you can provide an established reduction. Due to the fact that the new names of organizations are very long, you can replace "Federal state budgetary institution of science P.P. Shirshov Institute of Oceanology of the

Russian Academy of Sciences" by "P.P. Shirshov Institute of Oceanology of the RAS". In particular, the order of specification of the address and affiliation for employees of the Institute of Oceanology is defined in the Order No. 61 of 06.06.2017. It is respectively in English Shirshov Institute of Oceanology, Russian Academy of Sciences.

If the authors work in different organizations, then it should be put the corresponding number in superscript before the name of each organization.

As the address it is sufficient to specify a city, postcode and country.

The author's e-mail is indicated on a separate line after the address of the organization. It is recommended to specify corporate e-mail account provided by the organization at the place of work of the first author.

Abstract

The abstract should be printed in Times New Roman 10 normal, single spacing, aligned across the width of the page. The word "abstract" is not written. Before the abstract it should be missed an empty string.

The abstract should be informative (not contain common words), should reflect the main article content and research results; follow the logic of results description in the article. It should be compact but not short, in the range of 150 to 300 words.

Section title

The section name should be printed in Times New Roman 12, bold, single spacing, centered and separated from the previous section by two blank lines and from subsequent text by one blank line. The point in the end is not put.

Subsection title

The section name should be printed in Times New Roman 12 italic, single spacing, centered and separated from the previous section by two blank lines and from subsequent text by one blank line. The numbering of sections and subsections is at the request of the author. The point in the end is not put.

The main text

The main text is typed in Times New Roman 12 normal, one-and-a-half interval, aligned across the width. Each paragraph begins with a red line. Indent 1.25 cm.

Table design

The table name should be printed in Times New Roman 12, normal, single spacing, centered and separated from the previous text by a blank line.

Table 1. Formatting rules of the tables

<i>Text appearance</i>	<i>Font</i>	<i>Size</i>	<i>Line spacing</i>	<i>Alignment</i>	<i>Note</i>
Table name	Times New Roman	12 (or less depending on content)	Single	<p>The alignment of the table in the center</p> <p>The alignment of text in columns is left-aligned</p> <p>Alignment of columns with numbers in the center or right-aligned depending on the values</p>	Is separated from the previous text by a blank line.

Drawings

Drawings should be made with good resolution (at least 300 dpi), the preferred format is TIF. Vector figures should be submitted in the format of the program in which they are made. If the program is not widespread, it is desirable to additionally store the image files in EPS format.

The drawings can be both color and black and white. If the picture you plan to print in black and white, it must be immediately prepared and sent in black and white variant. The drawings must be executed in color only when really necessary. For the design lines on the charts don't use color but various symbols, such as barcode, dotted lines, dash-dotted, etc.

The pictures are not included in the file of the article text but are made out in separate graphic (!) files (separate file for each figure). The image files should be named in such a way that it is clear to which manuscript they belong to and in what order (eg., Kuznetsov-figure-1.tif). In a separate file it is sent a list of figure captions (e.g., Kuznetsov-figure-captions.doc).

The caption typed in Times New Roman 12 italic, single spacing. The point at the end of the figure caption is not assigned.

Fig. 3. Seasonal variation of daily average rate of evaporation of moisture from the surface, thermal inertia, heat flux, and vegetation index during 2005 at the Novosibirsk test site

Mathematical formulas

The known and borrowed formulas should be brought into a final form, and, if necessary, with reference to the literature. You should numbered only those formulas, which in the future are

referenced in the text. The brief and simple formulas are written in a string in the text. To denote the operation of division use a slash. Numbers of formulas should be right-aligned string in parentheses.

External mathematical formulas (drawn up in a separate line) must be typed in the MathType frame entirely. A set of formulas of the constituent elements (the part of the formula, a table, a part – text, part – embedded frame) is not allowed. For the formulas printed in the MathType general installation of fonts should be used, the size of the symbols and their placement. Forced manual changing of individual symbols and formula elements is not allowable! It is recommended to convert the article to *.pdf* and check whether all the formulas are correctly displayed.

Links design

The references to literature in the text are given in parentheses, indicating the author's surname and year of publication. If it is more than three authors, then you should indicate the first author and write "и др." for Russian-language publications and "et al." for English. For example, (Симонова и др., 2010), (Simonova et al., 2010) or (Симонова, Петров, 2005), (Simonova, Petrov, 2005).

Bibliography

The list of references is placed in the "Literature" section, which is located after the text of the article. The list is made in accordance with GOST R 7.0.5-2008 "Bibliographic reference". In the reference to all the authors should be listed, the expression "etc." is not allowed. References are given in alphabetical order. First, a list of literature is given in Russian, then in English. The references should be numbered. The authors are *italicized*.

The examples of formatting of the references and bibliographies:

1. Book, monograph

Kuznetsov O.A., Neiman, V.G. To the history of expeditionary studies at P.P. Shirshov Institute of Oceanology: Moscow: Scientific world, 2005. 519 p.

2. Chapter, article from a book

Shiryaeva A.S. Human ecology and health ecology // Ecological and demographic problems of health. M.: Nauka, 1984. Part 2, Pp. 27-31.

3. Journal

Ivanov Y.A., Anisimov M.V., Subbotina M.M. Seasonal variability of water circulation in the southern ocean and heat salt and mass exchange with the surrounding Antarctic ocean // Oceanology. 2006. V. 46. No. 4. Pp. 488-499.

Perlin, A., J.N.Moum, J.M.Klymak, M.D.Levine, T.Boyd, and P.M.Kosro. A modified law-of-the-wall to describe velocity profiles in the bottom boundary layer // J. Atmos. Oceanic Technol., 2012. Vol. 29, 110, C10S10, doi:10.1029/2004JC002310.

4. Newspaper

Khaliullin, Y. The unity of the world, born in Trieste // NG - science. 2016. 28 Sept. P.14.

5. Copyright certificate

Lejeune A.S., Stemkovskyy A.I., Sviridov S.A. Method of determining the elevations and gradients of the sea surface and device for its implementation: A. S. 1242714 USSR // B. I. 1986. No. 25. P. 42.

6. The patent issued as author's certificate.

7. Preprint

Spiridonova V.I. The Concept of freedom, in M.Crozier and his criticism: Preprint No. 154. M.: the ISISS, 1984. 7 p.

8. Deposit

Sviridov S.A., Stemkovskyy A.I. The Green function of the light pulses reflected from the sea surface at vertical sounding by a divergent beam. M., 1982. 5 p. – DEP. in VINITI 27.09.82. No. 2995-82.

9. Dissertation abstract

Melnik L.I. The main trends in the development of organ and piano art in Lithuania (the experience system analysis): Dis. Ph.D. in History of Arts: 17.00.02. L., 1983. 221 p.

10. Conference proceedings

Krasitsky V.P., Pereslegin S. V, Sviridov S. A. , and Shlemov M. Y. Ocean waves studies by means of remote sensing // Proc. PIERS'91 Symposium. — Cambridge, MA, 1991. — 131-132.

Sviridov S.A., and Zhmur V.V., Metalnikov A.A., Filipchuk Y.B. Storage structure and format of research data on oceanology // Proceedings of the international conference MSOI-2003. — Vol. 1, P.P. Shirshov Institute of oceanology RAS, Moscow, 2003. — P. 273-293.

11. Online documents:

Official periodicals: electronic guide / Rus.nat.library, Center of the legal information. [SPb], 2005-2007. URL: <http://www.nlr.ru/lawcenter/izd/index.html> (accessed: 18.01.2007).

The proceedings of the Institute are issued as journals.

The work in this publication should be referenced:

Udintsev G.N. On the bottom relief of the Western part of the Pacific ocean // Journal of Oceanological Research, IO RAS, 1960. No. 2. P. 5-32.

Literature

1. *Burtsev M.A., Efremov V.Y., Balashov I.V., Mazurov A.A., Proshin A.A., Lupyan E.A., Milekhin O.E.* The data access system to European, Siberian and Far-Eastern centres of Roshydromet. // Modern problems of remote sensing of the Earth from space. 2011. Vol. 8. No. 3. P. 113-119.

2. *Ivanov I.P., Petrov M.A., Sidorov A.V.* Remote sensing studies of soils in the coastal tundra. Moscow: Nauka, 2003. 143 p.
3. *Mees J.* Astronomical formulae for calculators: Transl. from English. M.: Mir, 1988. 168 p.
4. *Umnov V.B.* Characteristics of the variability of eddies in the Mediterranean sea // *Oceanology*. 2000. T. 40. No. 3. P. 648-654.
5. *Alpers W., Brummer B.* Imaging of atmospheric boundary layer rolls by the synthetic aperture radar aboard the European ERS-1 satellite // *Proceedings of IGARSS'93*. Tokyo. 1993. P. 540-542.
6. *Diaz S., Symstad A. J., Chapin F. S., Wardle D. A., Huenneke L. F.* Functional diversity revealed by removal Experiments // *Trends Ecol. Evol.* 2003. Vol. 18. P. 140-146.

Title in English

Authors

Shirshov Institute of Oceanology, Russian Academy of Sciences, Moscow, 117997, Russia

E-mail: petrov.iv@ocean.ru

The abstract must be informative, original, structured and written in good English. It should be concise, but not too short, containing 150 to 300 words. The title "Abstract" is not required. Text and paragraph formats are the same as in Russian version.

Keywords: keyword 1, keyword 2, keyword 3, ... , keyword n.

References

In this section you can find the list of references in Latin. The presence of a romanized bibliography (LSL) is a necessary condition for the inclusion of the journal in foreign scientific indexing. LSL is obtained by converting the original list of references ("Literature") according to certain rules. The goal of the transformation is to make links to "clear" for indexing systems. Transformations exposed both Russian and English links. Their order and numbering shall not be changed.

In LSL titles of publications are given in transliteration with translation into English, use italics for sources of publications do not apply the special delimiters used in GOST. Romanization rules depend on the type of publication.

Please read the detailed rules of the LSL compilation (romanized bibliography).

Example LSL.

1. *Burtsev M.A., Efremov V.Yu., Balashov I.V., Mazurov A.A., Proshin A.A., Lupyan E.A., Milekhin O.E.*, Sistema dostupa k dannym Evropeiskogo, Sibirskogo i Dal'nevostochnogo tsentrov priema Rosgidrometa (Access system to the data of the European, Siberian and Far-Eastern receiving centers of Roshydromet), *Sovremennye problemy distantsionnogo zondirovaniya Zemli iz kosmosa*, 2011, Vol. 8, No. 3, pp. 113–119.
2. *Ivanov I.P., Petrov M.A., Sidorov A.V.*, *Distantsionnye issledovaniya pochv v pribrezhnoi tundre* (Remote sensing of soils of coastal tundra), Moscow: Nauka, 2003, 143 p.

3. *Meeus J.*, *Astronomicheskie formuly dlya kal'kulyatorov* (Astronomical Formulae for Calculators), Moscow: Mir, 1988, 168 p.
4. *Umnov V.B.*, *Kharakteristiki izmenchivosti vikhrei v Sredizemnom more* (Characteristics of eddy variability in the Mediterranean Sea), *Okeanologiya*, 2000, Vol. 40, No. 3, pp. 648-654.
5. *Alpers W.*, *Brummer B.*, Imaging of atmospheric boundary layer rolls by the synthetic aperture radar aboard the European ERS-1 satellite, *Proceedings of IGARSS'93*, Tokyo, 1993. pp. 540-542.
6. *Diaz S.*, *Symstad A.J.*, *Chapin F.S.*, *Wardle D.A.*, *Huenneke L.F.*, Functional diversity revealed by removal Experiments, *Trends Ecol. Evol.* 2003, Vol. 18, pp. 140–146.

We ask authors to follow these Rules and prepare articles carefully!

Not correctly drawn documents will not be considered and will not be reviewed, the editorial Board informs the authors.

A complete set of documents and files for submission:

1. The text of the article in MS Word.
2. A set of drawings in separate files, which, if necessary, you can zip.
3. Figure captions in MS Word.
4. The text of the article with drawings in a PDF with numbered rows.
5. Signed License agreement.
6. Signed Consent to publish the article.
7. Feedback or recommendation of the institution.

Note: the Article can be published after receipt of the originals: the License agreement, Consent to the publication of the article and feedback or recommendation of the institution (the authors make scanned copies of these documents through your personal cabinet on the website of the journal, and the original documents are sent by mail to the address of the editorial office).

We ask authors to follow these Rules and prepare articles carefully!

Not correctly drawn documents will not be considered and will not be reviewed.

See also: Formatting bibliographies (romanization).