

# Guidelines for Authors of *Eurasian Soil Science*

## 1. GENERAL REMARKS

*Eurasian Soil Science* is an English-language journal publishes original papers on global and regional theoretical and experimental studies of the genesis, geography, physics, chemistry, biology, fertility, management, conservation, and remediation of soils. Special sections are devoted to current news in the life of the international and Russian soil science societies and to the history of soil science.

The journal also includes translations of the papers simultaneously published in Russian in *Pochvovedenie* journal.

The journal invites authors to submit their papers regardless of country or nationality. The Editorial Board encourages the most important and interesting studies containing new results and innovative concepts or original analysis of published data. For this purpose, manuscripts are peer reviewed as a rule by two independent referees. Authors are invited to recommend appropriate referee candidates by specifying their names, affiliations, and e-mail addresses; however, an Editor maintains the right to use referees of his own choosing.

Peer reviews by referees will serve as the basis for preliminary acceptance of a manuscript for publication in one of the journal series at Editor's discretion. The manuscript is then edited to ensure clarity and logic of presentation and the quality reproduction of graphics. After submission of changes for authors' approval and introducing them into the manuscript, the paper is considered finally accepted for publication and is sent by the Editorial Office to the publishing house Pleiades, which will at a later date e-mail the galley proofs to the authors as a PDF file. After publication of the paper, the publishing house sends a PDF version to the authors free of charge for noncommercial use only.

The Editorial Board has assumed obligations in conformance with the Ethical Guidelines for Publication in Journals and Reviews formulated by the European Association for Chemical and Molecular Sciences. Authors and referees should follow these guidelines, available via the Internet at <http://www.euchems.org/Publications/index.asp>. Instances of ethical violations (fictitious data, plagiarism, self-plagiarism, reference omission, and submission of papers that have been published elsewhere or have been submitted to other journals) may give cause for summary

rejection of both submitted and forthcoming papers from such authors.

## 2. SUBMISSION OF MANUSCRIPTS

Papers written by several authors should be presented by one of the authors (hereinafter, Author), who corresponds with the Editorial Office and the Publishing House.

Manuscripts must be submitted via the journal's by surface or <https://publish.sciencejournals.ru/login>

The Author should fill in and sign the copyright transfer agreement and submit it in the scanned form together with the manuscript. The Author Agreement Forms are available via the Internet at [http://pleiades.online/pub/agreements/copyright\\_eng.zip](http://pleiades.online/pub/agreements/copyright_eng.zip). The paper cannot be finally accepted for publication until the Author submits the above agreement. If the paper is rejected by the Editorial Board, the copyright transfer agreement is not signed by the Publisher.

After revision by the authors, the manuscripts are submitted in a similar way. The deadline of manuscript revision should not exceed 1 month unless the authors send to the Editorial Office reasoned request for an extension. If this date is violated, the revised papers are regarded as newly submitted with a new date of manuscript receipt.

## 3. FORMATTING THE MANUSCRIPT

Papers should be written in legible and understandable English. Poor English may be cause for manuscript rejection. The manuscript must be formatted as follows: first page, abstract, key words, body of the text, and figures. Schemes and chemical formulas should be typed on a computer and placed directly in the text.

All pages should be numbered consecutively with the exception of figures. Figures should be placed individually on separate sheets, and the sequential number of the figure and the surname of the author should be typed at the bottom of a page.

The *abstract* should contain an as concise as possible description of the main results of research and the ways in which they were achieved with emphasis being placed on novelty. The use of abbreviations in the title and abstract is strongly discouraged. Key words (from three to five) that most precisely reflect the search area of interest should be appear in alphabetical order.

The *main text* should begin on a new page of the manuscript and should be logically composed. If necessary (in reviews), it should be preceded by a list of contents. The main text should contain the following sections: Introduction, Experimental

# Soils of Cryogenic Landforms in the South of the Vitim Plateau: Distribution and Role in the Allocation of Soil Carbon Pools

G. D. Chimitdorzhiev<sup>a, \*</sup>, E. O. Chimitdorzhiev<sup>a</sup>, E. Yu. Milkheev<sup>a</sup>, Yu. B. Tsybenov<sup>a</sup>,  
A. V. Dmitriev<sup>a</sup>, T. N. Chimitdorzhiev<sup>a</sup>, R. A. Egorova<sup>a</sup>, Z. A. Soldatova<sup>a</sup>, D. B. Andreeva<sup>a</sup>,  
Ts. D.-Ts. Korsunova<sup>a</sup>, and T. V. Davydova<sup>a</sup>

<sup>a</sup>Institute of General and Experimental Biology, Siberian Branch, Russian Academy of Sciences, Ulan-Ude, 670047 Russia

<sup>b</sup>Institute of Physical Materials Science, Siberian Branch, Russian Academy of Sciences, Ulan-Ude, 670047 Russia

\*e-mail: galdorj@gmail.com

Received October 24, 2017; revised April 15, 2019; accepted April 24, 2019

**Abstract**—The results of the study of cryogenic landforms (heave mounds and thermokarst depressions) and soils developed on them under conditions of the ultracontinental climate of Buryatia and relatively shallow permafrost are discussed. According to the analysis of data of a Tandem X radar and terrain geomorphic surveys, the spatial distribution of local heave mounds and depressions in the Eravna Basin in the south of the Vitim Plateau has been mapped. Heave mounds are mainly allocated to watersheds and foothill fans; soils formed on them are represented by gleyic cryoturbated chernozems (Haplic Chernozems (Stagnic, Turbic) and gleyic dark-humus soils (Stagnic Phaeozems). Thermokarst depressions are allocated to the bottom of the basin and to the wide leveled loamy watersheds. The soil cover here is formed by quasigley chernozems (Gleyic Chernozems) and calcareous quasigley humus soils on stratified lacustrine sediments (Calcaric Gleyic Phaeozems). The soils of heave mounds and thermokarst depressions are characterized by considerable variation in the thickness of horizons and their inversion because of frost heave and cryoturbation processes. They pronouncedly differ in morphology and physical and chemical properties. The distribution of carbon pools in the profiles of these soils differs considerably from that in the background quasi-gley chernozems (Gleyic Chernozems).

**Keywords:** thermokarst depressions, heave mounds, quasigley chernozem, gleyic cryoturbated chernozem, gleyic dark-humus soil, satellite radar interferometry

(Model and Method in theoretical and modeling studies), Results and Discussion, Conclusions, Appendices, Tables, Figure Captions, and References.

The introduction should be written in understandable language to attract the attention of a wide range of readers to the scientific issue touched upon in the paper. Previous results should be mentioned, and the main goal of the work should be legibly formulated.

The use of SI units and notations for physical quantities is acknowledged. Instead of describing well-known methods and properties, reference should be made to published data. Reference numbers should be placed in square brackets in sequence one after another. Abbreviations and other notations should be written in full upon first usage with the abbreviation or notation in parentheses, and then the abbreviation or notation should be used uniformly throughout the manuscript. Physical quantities should be italicized, while units and special mathematical symbols (e.g., max, sin, ln, ∇) should be typed in Roman. Use decimals, rather than fractions, with units of time or measure, for example,  $L = 7.3 \times 10_3$  mand  $E_a = 14$  kJ/mol. The use of the same notations for different units is impermissible. Mathematical formulas placed on separate lines should be enumerated consecutively with Arabic numerals in parenthesis, and chemical formulas should be denoted with Roman numerals. The text should contain references to all tables and figures. Do not cite experimental data and calculation results that are not discussed in the text, and do not use both graphs and tables to illustrate the same results.

Conclusions should not duplicate the abstract. In this section, the importance of the results discussed in the paper for development of the

related research area should be substantiated and the prospects for studying the given issue should be considered. If necessary, acknowledgments for help in the work should be presented. Appendices should contain subsections that do not affect the understanding of the body of the text but are of importance for experts in this area of science.

All tables should be numbered, have a heading, and be aligned vertically. Graphs should have subheadings and should be separated by vertical lines. Avoid using abbreviations in the tables. Figure captions should be typed on a separate sheet.

References in the text are numbers in square brackets [1] corresponding to the numbering in the list of references. The list of references has to be written in alphabetical order. In the text the reference number have to correspond to new numbers in the list.

If you prepare references automatically, please use the AIP style format.

References should be listed in the following style:

Journal articles are formatted as follows:  
V. V. Terleev, W. Mirschel, V. L. Badenko, and I. Yu. Guseva "An Improved Mualem–Van Genuchten Method and Its Verification Using Data on Beit Netofa Clay," *Eurasian Soil Science*, 50 (4), 445–455 (2017).

<https://doi.org/10.1134/S1064229317040135>

References to books are formatted as follows:  
M. Pagliai and G. Stoops, "Physical and biological surface crust. Crusts and seals," in *Interpretation of Micromorphological Features of Soils and Regoliths*, Ed. by G. Stoops et al. (Elsevier, Amsterdam, 2010), pp. 419–440. doi: 10.1016/B978-0-444-53156-8.00019-2

Figures should be prepared on a computer. In general, color figures are not accepted: In rare cases, color printing of individual artwork is

possible on condition that the author assumes the extra costs. It is recommended that the size of the figure in the manuscript be reproducible in the final printed version without scaling. Keep words and figures within the artwork to a minimum. Curves should be numbered, and the numbers must be explained in the figure captions. Enlarged figure parts could be shown as separate figures rather than insets. For scanned photographs, indicate orientation (top–bottom) and scale.

The paper may contain Electronic Supplementary Material (ESM) comprising the details of experiments, schemes, tables, and figures (including color ones) that overburden the main text. ESM of a published paper is available on the Internet for free.

#### 4. PREPARATION OF THE ELECTRONIC VERSION

The electronic version of the manuscript should consist of the main text file and separate figure files (one figure per file). For convenience of peer review, the author could additionally submit a DOC, RTF or PDF file in which figures are directly inserted into the text. Electronic Supplementary Material, if any, should be submitted as one zip-archive.

When the revised manuscript is submitted, the figures should be refreshed regardless of which files have been changed.

The text file should be prepared with the latest available version of Microsoft Word for Windows. The authors are encouraged to use a template dot-file that can be downloaded from <http://pleiades.online/en/authors/guidlines/prepare-electronic-version/style/>. The text should be typed with a line spacing of 1.5 in 12-point Times New Roman font. The Enter key should be used only to start a new paragraph, which should begin with an indented line (1 cm indentation). Margins of 2.5 cm should be left at the bottom and both sides of each page, and a margin of 2 cm should be

left at the top. The standard Word function is used for typing tables, and complex mathematic formulas should be typed with the MS Word Equation Editor. The use of Math Type is discouraged. It is desirable to draw chemical structures with special programs (e.g., Chem Draw).

TIFF is the best format for figures (scanned graphics) and photographs, and EPS is preferable for vector graphics. Submission of figures in JPG, GIF, and DOC formats is admissible as well. Hand-drawn and then scanned figures are not accepted. High-resolution files (no less than 600 dpi for black and white line art and 300 dpi for 256 grayscale art) are desirable. Lines in the figures should be no thinner than 0.5pt, and lettering should be no smaller than 5 pt. If the author submits artwork that needs to be reduced, he should use larger lettering and thicker lines so that, when reduced, the artwork meets the above mentioned parameters. The best fonts for figure captions are Arial and Helvetica.

The authors are encouraged to check files of the electronic version for computer viruses before submission. If the Editorial Office detects viruses, the submitted files will be deleted immediately. Manuscripts that do not conform to these instructions will be rejected without consideration of content.

**The Editorial Board of the journal wishes the authors success in their scientific activity and will provide them any support in the publication of new, interesting results.**

#### Contact Information:

Editorial office of Eurasian Soil Science (Pochvovedenie)

Soil Science Faculty, Moscow State University, Leninskie Gory 1-12, Moscow 119991, Russia

Phone: +7 (495) 953 54 88

E-mail: [esoils@yandex.ru](mailto:esoils@yandex.ru)