**Guidelines for the preparation of a scientific article**

|  |  |
| --- | --- |
| **Volume of the article** | 15-24 pages, including illustrations and reference. |
| **Formatting of the text of the article** | 1. Use Microsoft Word, A4 format, and portrait orientation. Set the margins as follows: top – 2.0 cm, bottom – 3.0 cm, left – 2.5 cm, and right – 2.5 cm. The paragraph indent should be 1.25 cm, and the line spacing should be set to 1.5. The main text should be in 14-point Times New Roman, and the abstract should be in 12-point Times New Roman. ***(see Appendix 4)***  2. Abbreviations should be limited to those that are widely accepted (both in the text and in tables). All abbreviations must be defined upon their first use in the text. Tables should have titles and be numbered consecutively throughout the article using Arabic numerals (e.g., Table 1); references to tables in the text should be abbreviated (e.g., Tab. 1). In biological sciences papers, only Latin names of species, genera, and families should be used in table titles and throughout the table text.  3. Equations should be numbered consecutively throughout the manuscript. The equation number should be placed at the end of the line, enclosed in parentheses and written using Arabic numerals. A space of at least 1.5-2 cm should be left between equations displayed on a separate line and the surrounding text, as well as between lines of equations.  4. Illustrative material (graphs, maps, diagrams, photographs) is referred to as a figure and should be numbered consecutively using Arabic numerals, with abbreviated references in the text (e.g., Fig. 1). Color images (graphs, charts) are permitted. Figure dimensions should be no smaller than 40x50 mm and no larger than 120x170 mm. Figure captions should be placed below the figure. |
| **Publication process** | The manuscript should be submitted electronically (figures as separate files in TIFF format with a resolution of at least 300 dpi) via email to vestnik2013@inbox.ru or through the journals official website: <https://vestvfu.elpub.ru/jour/about/submissions#authorGuidelines> ;  Accompanying documents (consent to the processing of personal data, licensing agreement, declaration of conflict of interest, etc.) should be sent to the following address: 5 Petrovskogo St., Room 1, Yakutsk, 677027, Russia, Editorial Office of the “Vestnik NEFU” Scientific Journal.  Following a final decision by the editorial board, based on independent peer review organized by the journal’s editorial office, the manuscript will be accepted for publication and printing. |
| **Abstract** | The abstract should be between 200 and 250 words in length and presented as a single paragraph. The abstract structure should include the following elements: an introduction (comprising a concise statement of the research problem (1-2 sentences)), the purpose, materials and methods, results, and conclusion (highlighting the practical significance and future directions of the research in 1-2 sentences). Abbreviations should be limited to those that are widely accepted or defined upon their first use. Citations to references within the literature are not permitted. |
| **Keywords** | At least 10 words or phrases should be included (the list should not end with a period). |
| **Funding** | This work was carried out as part of a project / state assignment / research project / with financial support from the Russian Science Foundation (RSF) “…” (title, #…). The project title and number, along with the full name of the funding organization, must be specified. |
| **Acknowledgments** | The authors acknowledge [Name of Organization] for financial support, [Name of Reviewer] for their recommendations, and [Names of Colleagues] for their assistance (*if it is necessary*). |
| **For citation** | Surname N. N., Surname N. N., Surname N. N. Title of the article. *Vestnik of NEFU*. Year, Vol. (Issue):pages. DOI: |
| **Introduction** | The general research topic, a literature review (including relevant published works and identification of unresolved problems), the aim, and the theoretical and practical significance of the work. |
| **Materials and methods** | A detailed description of the methods used to obtain the results. |
| **Results and Discussion** | Experimental or theoretical data obtained during the research should be presented in the form of text, tables, and figures. These three modes of presentation should be complementary rather than redundant. All graphs and figures must be described within the text and include captions with English translations. Tables must include titles in both Russian and English.  Interpretation of the research findings, speculation regarding observed facts, and comparison of the results with those of other authors. |
| **Conclusion** | The main idea of the article’s text (to compare the obtained results with the stated aim at the beginning of the work, to demonstrate how the set goal was achieved); it is important to highlight the practical significance of the work; and to outline the main directions for future research in this area. |
| **References** | All sources should be listed in both Russian and English in two separate sections (Литература / References). The Vancouver citation style is used in this journal (references in the text are indicated by square brackets, and the complete bibliographic description of each source is provided in the reference list in order of appearance in the text). Only sources used in preparing the article should be included in the reference list.  All literature citations should be formatted in the order of their appearance in the text! References to works published within the last 5 years are preferred.  Limiting self-citations is important. Self-citations should not exceed 20% of the total number of sources.  A reference list of 15-25 sources is recommended, with DOIs provided where available (in the format: DOI: ...).  The reference list should primarily include peer-reviewed sources (articles from scientific journals) used in the text. |
| **Examples of reference formatting** | |
| If the article is written in English, the list of references should be titled “References”. If the article is written in Russian, the list of references should be titled “Список литературы”. | |
| **References to articles in academic journals** | Surname N, Surname N. Title of Article [translated]. *Official English Translation of Journal Title (as per the journal’s requirements) or generally accepted transliteration of the journal title*. Year;Volume(Number):00-00. DOI: …  Order of elements: Year;Volume(Issue).  If the journal does not have volume numbering, the issue number should be indicated in parentheses, e.g., 2019;(4):12-14.  In cases where the original article is in Russian, the reference should include a translation of the article title and the official English translation (or generally accepted transliteration) of the journal title.  The tag (in Russian) should be added at the end of the element Volume(Issue):00-00, example: Year;Volume(Number):00-00 (in Russian). DOI: ….  If there are more than four authors, list the first three authors followed by “et al.”.  ***Example 1:***  Senchenko AYu, Ivanov II, Nikolaev NN, et al. Technological evaluation of ore processibility gravitational methods. *News of the Tula state university. Sciences of Earth.* 2020;(4):262-280 (in Russian). DOI: …  Сенченко А.Ю., Иванов И.И., Николаев Н.Н. и др. Технологическая оценка обогатимости руды гравитационными методами. *Известия Тульского государственного университета. Науки о земле*. 2020;(4):262-280. DOI: …  ***Example 2:***  Bakaev VA, Savchenko NV. Novosibirsk region small lakes’ zonal features of hydrochemical condition. Mir Nauki, Kul’tury, Obrazovaniya. 2013;42(5):430-435 (in Russian).  Бакаев В.А., Савченко Н.В. Зональные особенности гидрохимического состояния малых озер Новосибирской области. *Мир науки, культуры, образования*. 2013;42(5):430-435.  ***Example 3:***  Note that journals may recommend using a dual title format for citations, including both a transliteration and an English translation separated by an equals sign (=).  Pelikh VV, Salov VM. Application specifics of Knelson centrifugal separators with periodic discharge. Vestnik Irkutskogo gosudarstvennogo tehnicheskogo universiteta = Proceedings of Irkutsk State Technical University. 2015;107(12):229-235 (in Russian).  Пелих В.В., Салов В.М. Специфика применения центробежных сепараторов Knelson с периодической разгрузкой. *Вестник Иркутского государственного технического университета*. 2015;107(12):229-235. |
| **Monographs** | Surname NP. *Translation of the title*. City: Publishing house;year:pages (in Russian).  *Example*:  Senko EV. *Crosscultural neology*. Vladikavkaz: Publishing House “Mavr”; 2023:158 (in Russian).  Сенько Е.В. Кросскультурная неология. Владикавказ: Мавр; 2023:158. |
| **Books (dictionaries, encyclopedias) with the author(-s)** | Title with italics  Pekarsky EK. Dictionary of the Yakut language. Moscow: Publishing House of the USSR Academy of Sciences; 1958:1279 (in Russian).  Пекарский Э. К. *Словарь якутского языка*: в 3 т. Т. I. Москва: Акад. наук СССР; 1958:1279. |
| **Books (dictionaries, encyclopedias) without author(-s)** | Title without italics  Russian associative dictionary. Moscow: Astrel: Publishing House “AST”; 2002:532 (in Russian).  Русский ассоциативный словарь. Москва: Астрель: АСТ; 2002:784.  Color and the color name in the Russian language. Moscow: Publishing House “KomKniga”; 2005:216 (in Russian).  Цвет и названия цвета в русском языке. Москва: КомКнига; 2005:216. |
| **Dissertation and Dissertation summaries** | Title without italics  ***Example (Dissertation):***  Pavlova ОМ. Brioflora Chukotki. Candidate’s dissertation (Biology). St. Petersburg: 2000:385 (in Russian).  Павлова О.М. Бриофлора Чукотки: Дис. … докт. биол. наук. СПб: 2000:385.  ***Example (Dissertation Summary):***  Borisova LS. Geochemistry of asphaltenes and resins of dispersed organic matter of rocks and oils of the Jurassic and Lower Cretaceous of the West Siberian basin: Summary of Candidate’s dissertation (Geology). Novosibirsk: 2020:36 (in Russian).  Борисова Л.С. Геохимия асфальтенов и смол рассеянного органического вещества пород и нефтей юры и нижнего мела Западно-Сибирского бассейна: Автореф. дис. ... докт. геол. наук. Новосибирск: 2020:36. |
| **Conference proceedings** | Rasskazov IYu, Potapchuk MI, Anikin PA, et al. Study of fracture zone formation in rock mass of eastern Russian deposits. In: Kurilko AS. (ed.) Geomechanical and geotechnological problems of effective development of solid mineral deposits in the northern and northeastern regions of Russia: Proceedings of the Second All-Russian Scientific and Practical Conference dedicated to the memory of Corresponding Member of the Russian Academy of Sciences M.D. Novopashina, Yakutsk, September 17-19, 2013. Yakutsk: Melnikov Permafrost Institute, Siberian Branch of the Russian Academy of Sciences; 2014:23-29 (in Russian).  Рассказов И.Ю., Потапчук М.И., Аникин П.А. и др. Исследование формирования очагов разрушения в удароопасных массивах горных пород месторождений востока России. В кн.: Курилко А.С. (ред.) *Геомеханические и геотехнологические проблемы эффективного освоения месторождений твердых полезных ископаемых северных и северо-восточных регионов России*: Труды Второй Всероссийской научно-практической конференции, посвященной памяти члена-корреспондента РАН М.Д. Новопашина, г. Якутск, 17–19 сентября 2013 г. Якутск: Изд-во Института мерзлотоведения им. П.И. Мельникова СО РАН; 2014:23-29. |
| **If sources cited within the article are in languages other than English and Russian (e.g., Kazakh, Korean, etc.), the original title should be included in the “References”, and the language of the source should be identified parenthetically.**  Example:   1. 최용기. *한국어 정책의 이해*. 서울: 한국문화사; 2010:566 (на кор. яз).   Choi YK. *Understanding Korean Politics*. Seoul: History of Korean Culture; 2010:566 (in Korean).   1. Галиуллин Т.Н. *Без белгән һәм әле беләсе Гомәр Бәширов*. Сайланма әсәрләр: 5 томда. Т. 5. Казан: Татар. кит. нәшр.; 2005:3-8 (на татар. яз).   Galiullin TN. *Gumer Bashirov. Whom we know and whom we have to learn*. Selected works: in 5 volumes. Kazan: Tatar Book Publishing House; 2005:3-8 (in Tatar). | |
| **Online resources** | Surname NN. Article title. Journal title. Year;Volume(Issue):pages. Available at: https://... [Accessed: …] (in Russian). |
| **References to GOST (Russian National Standard) and patents are made in English translation, not transliterated.** | |
| **Tables** | Tables should be numbered consecutively. The table number should be right-aligned on the page (Table 1). The title should be placed on the next line, centered, and in bold typeface. Both the table and its title must be translated into English. Tables should preferably not be split across multiple pages. All tables must be referenced in the text. ***(see Appendix 3)*** |
| **Figures** | Each figure should be accompanied by a numbered caption **(Fig. 1).** The figure number should be in bold, centered. References to figures in the text are mandatory. The figure number and caption must be translated into English. |
| **About the author(-s)** | **LAST NAME, First name and Patronymic name (in full)**, Academic degree (Abbreviation), Post, ORCID: …, ResearcherID: …, Scopus Author ID: …, SPIN: …, e-mail: …  *Example*: Tuyara N. Permyakova – Cand. Sci. (Philology), Associate Professor, M.K. Ammosov North-Eastern Federal University, ORCID: 0000-0002-3596-2272, ResearcherID: rid98915, Scopus Author ID: V-9373-…, SPIN: 9980-3150, e-mail: …  ФАМИЛИЯ, Имя, Отчество, ученая степень (без сокращений), ученое звание, должность, место работы (официальное наименование), ORCID: …, ResearcherID: …, Scopus Author ID: …, SPIN: …, e-mail: …  Например: Пермякова Туйара Николаевна, кандидат филологических наук, доцент, ФГАОУ ВО «Северо-Восточный федеральный университет имени М.К. Аммосова», ORCID: 0000-0002-3596-2272, ResearcherID: rid98915, Scopus Author ID: V-9373-…, SPIN: 9980-3150, e-mail: … |
| **Authors’ contribution** | *This requirement (effective in the journal from 2025) Do not include in the published version*  **If the article has two or more authors**, a statement detailing the specific contributions of each co-author to the work must be included at the end of the manuscript. This statement should be provided in both Russian and English. ***(see Appendix 1)***  *Example:**Tuyara N. Permyakova – conceptualization, validation, resources*  *Ivan I. Ivanov – methodology, software, data curation*  *Пермякова Т.Н.*– разработка концепции, верификация данных, ресурсное обеспечение исследования  *Иванов И.И.* – методология, программное обеспечение, администрирование данных |
| **Information about the conflict of interests** | The article should disclose any actual or potential conflicts of interest related to the research. All authors must declare/report any financial or other significant conflicts of interest that could be construed as having influenced the results or their interpretation ***(see Appendix 2)***. A conflict of interest arises when an author, reviewer, or member of the editorial board has financial, scientific, or personal relationships that could affect their actions. If no conflict of interest exists, the statement “The author (-s) declares no relevant conflict of interests” should be included. |
| **Conflict of interests** | ***Example 1.*** The author(s) declare no relevant conflict of interests.  ***Example 2.*** One of the authors – … Dr. Sci. (Biology), Chief Researcher is a member of editorial board of *Vestnik of North-Eastern Federal University*. The authors are not aware of any other potential conflict of interest relating to this article. |
| **Instructions for submitting and accepting articles for publication** | If the article was received in Russian:  Поступила в редакцию / Submitted  Принята к публикации / Accepted  If the article was received in English:  Submitted / Поступила в редакцию  Accepted / Принята к публикации |

***Appendix 1***

**Вклад авторов / Authors’ contribution**

|  |  |  |  |
| --- | --- | --- | --- |
| **Роль\*** | **Описание** | **Role** | **Description** |
| 1. **разработка концепции** | формулирование идеи, формулирование целей и задач | **conceptualization** | ideas; formulation or evolution of overarching research goals and aims |
| 1. **методология** | разработка методологии исследования; создание модели исследования | **methodology** | development or design of methodology; creation of models |
| 1. **программное обеспечение** | разработка программного обеспечения‑реализация компьютерного кода  и вспомогательных алгоритмов‑тестирование существующих компонентов кода | **software** | programming, software development; designing computer programs; implementation of the computer code and supporting algorithms; testing of existing code components |
| 1. **верификация данных** | отслеживание воспроизводимости результатов экспериментов и других результатов  исследований | **validation** | verification, whether as a part of the activity or separate, of the overall replication/ reproducibility of results/experiments and other research outputs |
| 1. **проведение статистического анализа** | применение статистических, математических или других формальных методов для  анализа или синтеза данных исследования | **formal analysis** | application of statistical, mathematical, computational, or other formal techniques to analyze or synthesize study data |
| 1. **проведение исследования** | проведение исследовательского процесса, в частности, проведение экспериментов  или сбор данных / доказательств | **investigation** | conducting a research and investigation process, specifically performing the experiments, or data/evidence collection |
| 1. **ресурсное обеспечение исследования** | предоставление материалов, реагентов, пациентов, лабораторных образцов, животных, приборов, вычислительных ресурсов или других  инструментов анализа | **resources** | provision of study materials, reagents, materials, patients, laboratory samples, animals, instrumentation, computing resources, or other analysis tools |
| 1. **администрирование данных** | деятельность по аннотированию (созданию метаданных), аккумулированию  исследовательских данных как для первоначального использования, так и для  последующего повторного использования | **data curation** | management activities to annotate (produce metadata), scrub data and maintain research data (including software code, where it is necessary for interpreting the data itself) for initial use and later reuse |
| 1. **создание черновика рукописи** | подготовка и создание черновика рукописи, в частности написание первоначального текста рукописи | **writing - original draft** | preparation, creation and/or presentation of the published work, specifically writing the initial draft |
| 1. **редактирование рукописи** | комментирование или пересмотр рукописи, включая этапы до или после публикации рукописи. | **writing - review & editing** | preparation, creation and/or presentation of the published work – including pre-or postpublication stages |
| 1. **визуализация** | визуализация/представление данных | **visualization** | preparation, creation and/or presentation of the data presentation |
| 1. **руководство исследованием** | надзор и руководство за планированием и выполнением исследовательской деятельности, включая наставничество | **supervision** | oversight and leadership responsibility for the research activity planning and execution, including mentorship external to the core team |
| 1. **администрирование проекта** | ответственность за управление и координацию планирования и осуществления научно-исследовательской деятельности | **project administration** | management and coordination responsibility for the research activity planning and execution |
| 1. **получение финансирования** | получение финансовой поддержки проекта, приведшего к написанию рукописи публикации | **funding acquisition** | acquisition of the financial support for the project leading to this publication |

***Appendix 2***

The Editorial Board of “Vestnik of M.K. Ammosov North-Eastern Federal University” requests all authors to declare any conflicts of interest that may have arisen during the course of their work on the submitted manuscript.

Conflict of Interest Declaration

☐ The authors declare that they have no competing financial interests or personal relationships that could have influenced the research reported in this paper.

☐ One of the authors is a member of the Editorial Board/Editor-in-Chief/Deputy Editor of “Vestnik of M.K. Ammosov North-Eastern Federal University” and did not participate in the editorial review of this manuscript.

☐ The authors declare the following financial interests/personal relationships which could be considered potential competing interests:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Authors: full name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature\_\_\_\_\_\_\_\_\_\_\_\_

Full name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature\_\_\_\_\_\_\_\_\_\_\_\_

Date

***Appendix 3***

Table 1

**Results of analyzing the Virginia Tobacco Leaves standard**

Таблица 1

**Результаты анализа стандарта Virginia Tobacco Leaves**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Элемент** | **Концентрация** | **SD** | **Паспортные данные** | **Элемент** | **Концентрация** | **SD** | **Паспортные данные** |
| Al | 213,6 | 1,634 | 252 | Ni | 1,227 | 0,0167 | 1,49 |
| Ba | 41,66 | 0,2112 | 41,6 | P | 2898 | 21,46 | 2420 |
| Cd | 2,41 | 0,0169 | 2,23 | Pb | 0,7433 | 0,0366 | 0,972 |
| Co | 0,1502 | 0,0147 | 0,154 | S | 3886 | 87,79 | 3780 |
| Cr | 0,5721 | 0,0072 | 0,911 | Sr | 132 | 1,244 | 133 |
| Cu | 5,234 | 0,0464 | 5,12 | V | 0,3383 | 0,0115 | 0,405 |
| Fe | 267,9 | 5,904 | 258 | Zn | 47,47 | 0,4012 | 43,6 |
| Mn | 144,4 | 1,755 | 136 |  |  |  |  |

***Appendix 4***

УДК (Без детализации, указать только раздел-подраздел)

https://doi.org/...

***Тип статьи****:* *оригинальная научная статья*

**Заголовок**

(информативный, лаконичный; не более 16 слов; отражает тематику и результаты исследования; без сокращений)

***И. О. Фамилия1\*, И. О. Фамилия2, И. О. Фамилия3***

Место работы авторов (в названии организации **не используются** **приставки, обозначающие статус организации** – ФИЦ и т.д.),

Город, Страна

(**Например**: Северо-Восточный федеральный университет им. М.К. Аммосова,

г. Якутск, Российская Федерация)

1Место работы, Город, Страна

2Место работы, Город, Страна

3Место работы, Город, Страна

\*Адрес эл. почты автора, ответственного за переписку

**Type of the article**: *Original article*

**Title**

(Should be informative and concise, with a maximum limit of 16 words, and should accurately reflect the topic and results of the study. Abbreviations should be avoided.)

**First name and Initial for Patronymic name and Last Name (In Full)1\*, …, …**

***For example:* *Nadezhda P. Kondrasheva***

Workplace, City, Country

(**For example:** Diamond and Precious Metal Geology Institute,

Siberian Branch of the Russian Academy of Sciences,

Yakutsk, Russian Federation)

2Workplace, City, Country

3Workplace, City, Country

\*The corresponding author’s e-mail address