

The Nuclear Safety Institute of the Russian Academy of Sciences in cooperation with the State Corporation "Rosatom" decided to issue a scientific and technical peer reviewed journal "Radioactive waste". Certificate of Roskomnadzor on registration of this journal PI No. F S77-70452 was received on 17 July 2017.

The goal of the journal is to intensify and extend the exchange of experience related to the radioactive waste management between Russian and international specialists. Results of all major activities in the field of radioactive waste management implemented by operators, including the projects within the framework of the Federal Targeted Program "Nuclear and radiation safety for 2016–2020 and for the period up to 2030" shall be discussed in the journal.

The main goal of the journal is to increase the RW management efficiency by establishment of a national scientific and informational platform.

Major specialists of the nuclear industry and the Russian academy of sciences form the editorial review board of the journal headed by academician of RAS B. F. Myasoyedov and the editorial board headed by academician of RAS L. A. Bolshov. The journal is planned to be issued in Russian and English at least 4 times a year. The editorial board plans to include the journal into the relevant international scientific databases and the list of Higher Certification Commission.

The presentation of the first issue of the journal is planned to be held at the international forum ATO-MECO-2017, which will take place in Moscow from 21.11.2017 to 22.11.2017. The English version will be presented at the Sixth Review meeting of the Contracting Parties of the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management (Vienna, May, 2018).

The "Radioactive Waste" journal accepts publications on the following topics in the field of RW management:

- disposal of radioactive waste: siting, design, construction, safety case for disposal facilities, organization of radiation monitoring, public communication issues;
- safety of non-retrievable radioactive waste storage facilities; characterization of radioactive waste storage

and conservation facilities, projects on conservation, radiation monitoring, technologies and equipment for conservation of non-retrievable RW storage facilities.

- management of radioactive waste generated as the result of nuclear facility decommissioning;
- technology of radioactive waste management: minimization of generation, collection, processing and conditioning of radioactive waste; new installations for radioactive waste management, operational experience, methods and equipment for radioactive waste characterization;
- technology of radioactive waste transportation: containers and packages for conditioning and disposal of radioactive waste; transport and transport-packaging containers and systems, radioactive waste transportation solutions and experience;
- system for state accounting and control of radioactive waste;
- issues of regulatory support of radioactive waste management.

The journal is distributed among scientific organizations and universities, federal and regional executive and legislative bodies, interested enterprises and organizations, and is also sent to the authors of publications. To subscribe to the journal please e-mail the editorial board to info@radwaste-journal.ru and specify your organization, postal address, telephone and e-mail. The subscription will be free for the first year. Subscription with the Russian Post catalogue will be available later. The journal is not distributed via retail sale.

More detailed information about the journal is available at www.radwaste-journal.ru, www.ibrae.ac.ru. The articles for publication shall be sent to info@radwaste-journal.ru.

The full text version of the journal is available in the Internet at www.radwaste-journal.ru.

The contents of the journal, abstracts of papers, information about authors in Russian and English are published in the Internet at the web-sites of the journal and the scientific electronic library eLibrary.ru.

RULES FOR SCIENTIFIC PAPERS

The rules for preparation of submitting manuscripts take into account the recommendations and standards of the Committee on Publication Ethics and valuable experience of international journals and publishers on preparation of periodicals for inclusion into international citation databases Scopus and Web of Science Core Collection.

General parameters

Papers to be submitted to the journal shall contain original, previously unpublished material and shall comply with the following criteria: conformance to the subject of the journal, scientific novelty and practical applicability.

The submissions shall be in electronic files in MS Word format (Word 1997–2010) on electronic media or by e-mail. Permission for an open publication of the manuscript shall be attached to the submission.

The volume of the manuscript (including text, figures, tables, references and English language part) shall not exceed 40 000 typographical units.

Illustrations (in JPG, TIFF, PDF format) shall be submitted in separate files with indication of figure number in the file name, whilst the original submission shall contain illustrations in due places with relevant captions. If the original diagrams and files with input data are available, it is recommended to attach these to the submission to allow making all illustrations in a single format.

The preferred file formats are as follows: for graphical plots and diagrams — Microsoft Excel (*.xls), Windows Metafile (*.wmf) or Encapsulated Postscript (*.eps), for photos and figures — JPEG (*.jpg), TIFF (*.tif), Encapsulated Postscript (*.eps), the actual photos (figures) shall have a resolution of at least 300 dpi in RGB or Grayscale colour models.

SI units shall be used for physical values. Commas shall be used in decimals. Formulae shall be typed using MathType software of 6.x versions. Footnotes numbering shall be continuous.

Figures, tables, diagrams, photos shall be submitted with indication of their origin (or shall be original).

Paper structure

The paper shall be divided into a number of sections.

I. Information about the paper in Russian:

- paper name (in lower case);
- UDC;
- information about the author(s) in Russian: full name, scientific degree (if any), position, address of the author (s) [organization(s) that the author(s) represent(s), full address of the organization(s), e-mail of all or one of the authors];
- information on the funding source for research;
- summary (up to 600 symbols);
- keywords (up to 10).

II. Paper text

Acknowledgments shall be given in the end of the text, first in Russian, then in English.

III. References

References shall be numbered continuously in the order they appear in the text of the paper. References in the text, tables and figure captions shall be numbered in arabic numerals [in square brackets], specific pages shall be indicated if applicable. Only general footnotes (comments, additions) shall have continuous numbering. References relevant only to tables or figure captions shall be numbered in accordance with the order of their appearance in the text of a specific table or figure. References used are given in original language in accordance with GOST 7.0.5—2008.

For a correct reference to the paper its bibliographic description in Russian shall be provided.

IV. Information about the paper in English:

- name (lower case letters in translation into English);
- information about the author(s) in English: full name, scientific degree (if any), position, address of the author (s) [organization(s) that the author(s) represent(s), full address of the organization(s), e-mail of all or one of the authors];
- information on the funding source for research;
- executive summary (in English) (about 300 words);
- keywords (in English) (up to 10 words);
- references used are given in Latin letters (English, French, German and other language references in original wording, Russian — in English translation);
- bibliographic description of the paper in English.

The responsibility for correctness of bibliographic sources and their English translation remains with the author.

Requirements to summaries

1. Summary shall be informative (no general statements), reflect the contents of the article, describe the main goals and methods of research, summarize the most important results and their scientific value, and shall be structured in the same manner as the paper.

2. Russian summary may be compact (one paragraph, up to 600 symbols).

3. In the light of new standards, English language summary is of specific importance. It shall be fairly detailed (average volume — 250—300 words), written in good English using specific English terms relevant to the subject. General, non-substantive words expanding the text shall be avoided. English-language summary shall be original, word-by-word translation of the Russian summary is unacceptable.

Requirements to text structure

The majority of international scientific journals present the following requirements to the structure of the paper describing the research, including the following sections: introduction (materials and methods), results and discussion, conclusions.

The editorial board of the journal supports these requirements, but is also ready to accept texts structured in accordance with specific paper features given that it has limited scope and the sections have clear names.

RADIOACTIVE WASTE

Scientific and technical journal

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L. A. Bolshov

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