ON THE OBSERVANCE OF PUBLISHING ETHICS BY THE EDITORS OF ELECTRONIC EDITION «NANOTECHNOLOGIES IN CONSTRUCTION: A SCIENTIFIC INTERNET-JOURNAL» AND THE STATEMENT OF PREVARICATION ABSENCE.

ON THE USE OF THE CONTENT IN ACCORDANCE WITH CREATIVE COMMONS CC-BY «ATTRIBUTION».

DECLARATION OF THE OPEN ACCESS JOURNAL.

General statements

These are the principle ethical regulations which are observed by the editors of electronic edition «Nanotechnologies in Construction: A Scientific Internet-Journal»:

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3. The editors publish the papers of the authors from all countries and of all nationalities who deal with the problem determined by the editorial policy.

4. The editors don't cooperate with the authors who have ever been caught in plagiarism in his papers submitted to the electronic edition «Nanotechnologies in Construction: A Scientific Internet-Journal» or other editions if this fact will be revealed.

5. The editors use software to reveal plagiarism related to the papers available in Internet.

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7. The editors undertake obligations not to publish papers appealing for terrorism and containing xenophobia and offences of other authors or citizenry.

8. Blind peer review procedure is applied to all manuscripts. At least three outer experts review each paper.

9. Among the requirements to be met by the reviewers there is plagiarism elements disclosure. The reviewers' duties are given in the section «For the reviewers».

10. Unreviewed papers or editorial materials are marked by proper references.

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Every paper must contain the following information: place of work (university (institute), enterprise and other types of organizations, city,

and country), position, academic degree, academic title, full postal address and email that allows scientists and specialists from different countries to contact authors.

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Decision on Paper Publication. The editor-in-chief of electronic edition «Nanotechnologies in Construction: A Scientific Internet-Journal» is responsible for making a decision which of submitted papers are to be published in the journal. This decision always must be based on the examination of paper reliability and its importance for scientists and readers. The editor-in-chief may be guided by methodical recommendation elaborated by the editorial council and the editorial board of the journal. He also may take into account legal requirements, such as exclusion of libel, infringement of copyright and plagiarism. When making decision on the publication, the editor-in-chief may consult with the members of editorial council, editorial board or reviewers.

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Disclosure and Conflict of Interests. The information contained in the submitted paper cannot be used in the paper of the editor-in-chief, members of the editorial council or editorial board without author's written permission. Confidential information or ideas obtained during review must be kept in secret and must not be used for self-profit.

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For the reviewers

Review of the paper assists the editor-in-chief to take decisions on the publication of it, and the reviewers' criticism can help the author to improve his paper. The editors of electronic edition «Nanotechnologies in Construction: A Scientific Internet-Journal» appoint reviewers from the members of the editorial council, editorial board or engage outside experts. Review is aimed at evaluation of scientific importance and novelty of the submitted manuscript. The authors of the submitted manuscripts recognize expediency and necessity of the review. Having agreed to do review, the future reviewer undertakes the following obligations.

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Neutrality. The reviews must be done impartially. No personal accusations for the author are allowed. The reviewer should express his point of view in a clear and reasoned way.

The reference evaluation. The fact that there are no references in the manuscript should be marked and considered by the reviewer. If the manuscript partially of completely coincides with the publications known by the reviewer and the references to these publications are absent, that must be pointed out by the reviewer. The examples of the bibliographic references are given in the section «For the authors».

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The reviewer should not review the paper if there is a conflict of the interests evolving from competition, cooperation or other relations with someone from the authors, companies and organizations which are related to the paper.

For the authors

1. The authors submit to the editors:

- electronic manuscript (by email **info@nanobuild.ru**) performed according to the paper format guidelines for text and graphical materials given in **Appendix 1**. The topics of published materials must correspond to the topics stated by the editors of the electronic edition

«Nanotechnologies in Construction: A Scientific Internet-Journal» in **Appendix 2.** The format of submitted papers must be done according to the structure given in **Appendix 3.**

- accompanying letter (the editors send the sample of the letter to the authors on demand).

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2. The paper should reflect the results of original research and its relation to the previous research performed by the author himself or other scientists. The relation to other research can be presented directly in the body of the paper as well as in the form of the references to the previous sources. If the author uses the material from other publications, the paper must contain the references to these materials. The references follow the body of the paper. The examples of the references are given in **Appendix 4.**

When writing a paper, one should follow the principles of professional ethics, be competent, objective and answerable.

3. The editors, the editorial council or the editorial board may ask the authors to present all firstprimary sources and materials relating to the submitted paper. Materials must be kept for 1 year after the paper has been published.

4. Every paper published in the journal is peer-reviewed to confirm its originality and correspondence to paper format guidelines. The use

of other scientists' results and thoughts must be done in a proper form. No plagiarism is allowed. The authors must confirm the fact that the paper is published for the first time or they ask to publish it for the second time.

5. The information obtained in informal way, for example, in private discussion or correspondence, cannot be presented in the paper without written permission of the source of information. The information which source is a private activity, in particularly, reviewing of manuscripts or grant applications, cannot be used in the paper without written permission of the authors.

6. Republication of the paper on the editorial council's (or editorial council's) own initiative is made in agreement with the authors, editors and holder of the intellectual property right on the paper. In the case of the paper republication the publisher is to make a statement on that.

To submit a paper with co-authors is possible if all persons indicated as co-authors made their contribution to development of the concept, design, performance or interpretation of the described research.

If the contribution of a person who cooperated on the research described in the paper is not enough significant to regard him as a co-author, he should be acknowledged in the paper.

The paper publication for post-graduates is free of charge.

7. The contact author must provide reading and approval of the final version of the paper by all co-authors, as well as their approval to the publication.

8. In the case of conflict of interests including potential one the author or co-authors must inform the editors as soon as possible. When a principle mistake or inaccuracies have been revealed in the issued paper by the author himself, he must urgently inform the executive editor and render editor-in-chief efficient assistance to publish disproof or correction. If the editor-in-chief gets the information on the serious mistake contained in the paper from the third person, the author must present urgent disproof of that at the same time producing proofs of his rightfulness to the executive editor (or to the editor-in-chief) and provide necessary changes.

9. The authors should be aware of the fact that the editors, the editorial council and the editorial board of the electronic edition «Nanotechnologies in Construction: A Scientific Internet-Journal» take the responsibility for the assistance to scientific community to observe all aspects of publishing ethics, particularly in the cases of paper duplication or plagiarism.

10. The authors of the published materials are responsible for the reliability of the given information and the use of the data which are not to be issued in public. The editors have the right to make corrections. The editors' opinion can be different from the authors' opinion; the materials are published to discuss the problems of current importance. The editors are not responsible for any information contained in advertisement.

11. Having reviewed the submitted materials, the editors notify the authors of their decision by email. If the paper has been rejected, the editors send reasoned refusal to the author.

12. Any full of partial reprinting of the materials is allowed only by the written permission of the editors.

Dear authors,
we kindly ask you to adhere strictly
to format guidelines when formatting your paper.

Appendix 1

The paper format guidelines

The papers are submitted by email (info@nanobuild.ru) and formatted in the following way.

1. The body of the paper

- The number of pages in the paper – more than 3 but less than 10 pages in A4 format.
- Margins: left and right – 2 cm, bottom and upper – 2,5 cm.
- The body of the paper is performed in Word.
- The font of the body – Times New Roman.
- The font size of the text is 14 pt, the factor of line-to-line spacing – 1,15.
- To keep the style uniform, don't use font effects (italics, underlined etc).
- Indention – 1 cm.
- Complex formulas are performed by the means of MS Equation 3.0. contained in WinWord.
- Formulas are placed in the center of the column (page) without indention, their numbers are given in round brackets and are placed in the column (page) with right justification. If there is only one formula in the paper, it is not numbered. Above and at the bottom of the text formulas are not separated by additional space.
- To make the reference to the formula in the text use round brackets (1), to make reference to the bibliographical source use square brackets [1].
- The size of the references is 12 pt.

2. Graphical design of the paper

- Illustrations are stored in vector format in Corel Draw 11.0 or in any other design applications of MS Office 97, 98 or 2000.
- After the first mentioning of the diagrams, pictures and photos in the text, they are inserted in the form which is suitable for the authors.
- The legends (12 pt, normal) are placed under the figures in the center after reduced word Fig. and number (12 pt, bold) of the figure. If there is only one figure, it is not numbered.
- Between the legend and the following text – one line-to-line spacing.
- All pictures and photos must be contrast and the resolution of the pictures and photos must be no less than 300 dpi. Illustartions are desirable to be coloured.
- The lines of the diagrams must not be thin (the line width – no less than 0,2 mm).
- Copies and figures scanned from the books and journals of a low quality and resolution are not accepted.
- The word Table and the number of the table are placed with right justification. The heading of table is on the next line (center adjustment without indention). Between table and the text - one line-to-line spacing. If there is only one table, it is not numbered.

3. The format of the modules

- Modules must be contrast and the resolution of the modules must be no less than 300 dpi (format .jpg).
- The size of the modules, mm:

  1/1 – 170 (width) x 230 (height);

  1/2 – 170 (width) x 115 (height).

Appendix 2

The Topics of Published Materials

- Nanostructured systems strength and penetrability formation theory development.
- Mathematical quantum and other types of models for nanomaterials characteristic research.
- The problems of nanomaterials and nanotechnologies implementation in construction and building materials.
- Technological principles of nanostructures creation (liquid melts, sol and gel synthesis).
- Creation of new functional materials in construction.
- Development of transition principles «disorder-order» when creating composites with the use of synergetic and other approaches.
- Study of different technological principles when creating nanosystems in industrial production.
- Diagnostics of building systems nanostructures and nanomaterials.
- The problems of obtaining of high-density and high-durability building materials (concretes, ceramics etc.).
- Technologies of mineral particles grinding to nanodimensional levels.
- Technology of blending mixtures with nanodispersed particles and methods to activate them.
- Hydrodynamic methods and other methods of aqueous suspensions and solutions activation.
- Modification of aqueous solution of different nanodimensional additives used in construction.
- Research in the area of powder nanomaterials toxicity.
- Metal reinforcement modified by nanodimensional materials in production process.
- Carbonic, basalt and aramid fibers and other types of fibers of small diameters with nanodimensional structural characteristics.
- Cement and other binders with mineral and organic additives.
- Concretes and solutions modified by nanodimensional additives.

- Mineral particles suspensions used for laques, paints as well as for modifiers for concretes and solutions; properties, fabrication method and durability.
- Organic materials dispersions used in laques and paints production as well as to manufacture additives for concretes and solutions; activation methods and durability of these dispersions.
- Use of nanopowder of different nature to modify building materials properties.
- New characteristics of building materials based on nanosystems.
- Modification of building materials with nanofibers.
- Disperse composite materials with nanocoating.
- Formation of nanostructure coatings by means of laser sputtering.
- Development of the methods aimed at studying materials nanostructure on the basis of disperse systems, including studying of vacuum nanoobjects in porous systems.
- Technologies aimed at studying nanomaterial properties.
- The systems of teaching the fundamentals of nanotechnologies.

The topics can be different, directly or indirectly related to the areas mentioned above.

Appendix 3

The structure of the paper

UDC

Author(s):

Place of employment for each author (university (institute), enterprise or other companies, city, country), position, academic degree, academic status (In Russian) postal address and email of each author (In Russian)

Author(s):

Place of employment for each author (university (institute), enterprise or other companies, city, country), position, academic degree, academic status (In English) postal address and email of each author (In English)

Title (In Russian)

Title (In English)

Extended Abstract – the source of information, which is independent on the paper and which allows Russian and foreign specialists to make conclusion about the quality of the content of the paper (extended abstracts must be informative, original, contain main results of research, structured, compact – 200–250 words) (In Russian)

Extended Abstract – the source of information, which is independent on the paper and which allows Russian and foreign specialists to make conclusion about the quality of the content of the paper (extended abstracts must be informative, original, contain main results of research, structured, compact – 200–250 words) (In English)

Key words (In Russian)

Key words (In English)

DOI

Machine-readable information on CC-licenses (HTML-code) in metadata of the paper

Text of the paper (In Russian)

Text of the paper (In English) – for foreign authors

References
according to GOST R 7.0.5–2008 and GOST R 7.0.7–2009
(In Russian)

References
according to Template of VINITI RAN
(the combination of English and translated parts of the Russian links)

Appendix 4

Reference Formats (according to guidelines of VINITI RAN)

References are given after the text of the paper. The references in the list must be numbered.

Description of a Paper from Electronic Journal:

Falikman V.R., Vainer A.Y. Photocatalytic Cementitious Composites Containing Mesoporous Titanium Dioxide Nanoparticles. Nanotehnologii v stroitel'stve = Nanotechnologies in Construction. 2014, Vol. 6, no. 1, pp. 14–26. Available at: http://nanobuild.ru/en_EN/ (Accessed __ _____ ____). (In Russian).

Note: Volume 1 – 2009; Volume 2 – 2010; Volume 3 – 2011; Volume 4 – 2012; Volume 5 – 2013; Volume 6 – 2014; Volume 7 – 2015; Volume 8 – 2016 etc.

Description of a Paper from Journal:

Zagurenko A.G., Korotovskikh V.A., Kolesnikov A.A., Timonov A.V., Kardymon D.V. Technical and economic optimization of hydrofracturing design. Neftyanoe khozyaistvo – Oil Industry, 2008, no. 11, pp. 54–57. (In Russian).

Description of a Paper from Ongoing Edition (Proceedings):

Astakhov M.V., Tagantsev T.V. Eksperimental'noe issledovanie prochnosti soedinenii «stal'-kompozit» [Experimental study of the strength of joints «steel-composite»]. Trudy MGTU «Matematicheskoe modelirovanie slozhnykh tekhnicheskikh sistem» [Proc. of the Bauman MSTU «Mathematical Modeling of Complex Technical Systems»], 2006, no. 593, pp. 125–130.

Description of a Paper with DOI:

Korolev E.V., Smirnov V.A., Evstigneev A.V. Nanostructure of matrices for sulfur constructional composites: methodolody, methods and research tools. Nanotehnologii v stroitel'stve = Nanotechnologies in Construction. 2014, Vol. 6, no. 6, pp. 106–148. DOI: dx.doi.org/10.15828/2075-8545-2014-6-6-106-148.

Description of Conference Proceedings:

Usmanov T.S., Gusmanov A.A., Mullagalin I.Z., Muhametshina R.Ju., Chervyakova A.N., Sveshnikov A.V. Features of the design of field development with the use of hydraulic fracturing. Trudy 6 Mezhdunarodnogo Simpoziuma «Novye resursosberegayushchie tekhnologii nedropol'zovaniya i povysheniya neftegazootdachi» [Proc. 6th Int. Symp. «New energy saving subsoil technologies and the increasing of the oil and gas impact»]. Moscow, 2007, pp. 267–272. (In Russian).

Description of Book (Monograph, Collection):

Lindorf L.S., Mamikoniants L.G., eds. Ekspluatatsiia turbogeneratorov s neposredstvennym okhlazhdeniem [Operation of turbine generators with direct cooling]. Moscow, Energiia Publ., 1972, 352 p. (In Russian).

Kanevskaya R.D. Matematicheskoe modelirovanie gidrodinamicheskikh protsessov razrabotki mestorozhdenii uglevodorodov [Mathematical modeling of hydrodynamic processes of hydrocarbon deposit development]. Izhevsk, 2002. 140 p.

Description of Translated Book:

Timoshenko S.P., Young D.H., Weaver W. Vibration problems in engineering. 4th ed. New York, Wiley, 1974. 521 p. (Russ. ed.: *Timoshenko S.P., Iang D.Kh., Uiver U.* Kolebaniia v inzhenernom dele. Moscow, Mashinostroenie Publ., 1985. 472 p.).

Brooking A., Jones P., Cox F. Expert systems. Principles and case studies. Chapman and Hall, 1984. 231 p. (Russ. ed.: *Bruking A., Dzhons P., Koks F.* Ekspertnye sistemy. Printsipyraboty i primery. Moscow, Radio i sviaz' Publ., 1987. 224 p.).

Description of Internet Source:

APA Style (2011). Available at: http://www.apastyle.org/apa-style-help.aspx (accessed 5 February 2013).
Pravila Tsitirovaniya Istochnikov (Rules for the Citing of Sources) Available at:
http://www.scribd.com/doc/1034528/ (accessed 7 February 2013).

Description of Thesis or Abstract of Thesis:

Semenov V.I. Matematicheskoe modelirovanie plazmy v sisteme kompaktnyi tor. Dokt, Diss. [Mathematical modeling of the plasma in the compact torus. Doct. Diss.]. Moscow, 2003. 272 p.

Description of State Standard (GOST):

State Standard 8.586.5–2005. Method of measurement. Measurement of flow rate and volume of liquids and gases by means of orifice devices. Moscow, Standartinform Publ., 2007. 10 p. (In Russian).

Description of Patent:

Palkin M.V. Sposob orientirovaniia po krenu letatel'nogo apparata s opticheskoi golovkoi samonavedeniia [The way to orient on the roll of aircraft with optical homing head]. Patent RF, no. 2280590, 2006.

Description of Unpublished Document:

Pressure generator GD-2M. Technical description and user manual. Zagorsk, Res. Inst. of Appl. Chem. Publ., 1975. 15 p. (In Russian, unpublished).