Aims and Scope: *Acta Technica Napocensis:Civil Engineering & Architecture* provides a forum for scientific and technical papers to reflect the evolving needs of the civil and structural engineering communities. The scope of *Acta Technica Napocensis: Civil Engineering & Architecture* encompasses, but is not restricted to, the following areas: infrastructure engineering; earthquake engineering; structure-fluid-soil interaction; wind engineering; fire engineering; blast engineering; construction materials; structural mechanics; water resources; hydraulics and coastal engineering; structural reliability/stability; life assessment/integrity; structural health monitoring; multi-hazard engineering; structural dynamics; optimization; expert systems and neural networks; experimental modeling; performance-based design; engineering economics, constructional management; architecture; planning and built environment studies. *Acta Technica Napocensis: Civil Engineering & Architecture* also publishes review articles, short communications and discussions, book reviews, and a diary on national and international events related to any aspect of civil engineering and architecture. All articles will be indexed by the major indexing media, therefore providing maximum exposure to the published articles.

Editorial Board of Acta Technica Napocensis

Editing Instructions for Authors

1. Submission of the paper

Authors are asked to submit manuscripts in Word and PDF format electronically through the Manuscript Upload System (**http://constructii.utcluj.ro/ActaCivilEng**). The system is also conveniently used to check the status of submitted papers. Alternatively, you may also submit your full manuscript by e-mail to the editor at [**cosmin.chiorean@mecon.utcluj.ro**]. Special issue papers may be directly submitted to the Guest Editors. The corresponding author will be required to submit a Covering Letter along with the manuscript, on behalf of all the co-authors. The author(s) will confirm that the manuscript (or any part of it) has not been published previously or is not under consideration for publication elsewhere. Furthermore, any illustration, structure or table that has been published elsewhere must be reported, and copyright permission for reproduction must be obtained.

2. Preparation of the manuscripts

General : The manuscripts should be in English in a clear, direct and active style, and typed with single line spacing of A4 paper–European format (210 x 297 mm). Manuscripts should be typed with Times New Roman size 12 characters in single space. Printed area is 170 x 255 mm with the following margins: top margin: 20 mm; bottom margin: 20 mm; right and left margin: 20 mm. Submitted papers will be published in four categories: *Regular Technical Paper*, *Short Technical Note*, *Review papers* and *Discussions*. The first page of an article should contain: (1) a title which reflects the contents of the paper, (2) all the name(s) and affiliations(s) of authors(s), (3) name and e-mail address of the corresponding author, (4) an abstract of 100~250 words, (5) 5-10 Keywords, and (6) Footnote. The paper should be concluded by proper conclusions which reflect the findings in the paper. There is no restriction on the number of pages, figures, tables or additional files (e.g. video clips, animation and datasets), that can be included with each article online. Authors should include all relevant supporting data with each article. A list of key words should be provided at the end of the abstract. Authors are advised to read the details in the **Appendix 1** for the format of the first page of the paper and the companion Editing Instruction files (**http://constructii.utcluj.ro/ActaCivilEng**).

Tables and figures: Tables and figures should be consecutively numbered and headed with short titles. They should be referred to in the text as Fig. 1, Table 2, etc. Leave 1 line gap at 12 pt. font setting between the previous section and figure as well as between figure and next section text. All Figures and Tables must be referred into the text.

Units and mathematical expressions: It is desirable that units of measurements and abbreviations should follow the International System (SI). The numbers identifying the displayed mathematical expression should be placed in the parentheses and referred to in the text as Eq. (1), Eq. (2).

References : The text should include a list of references which reflect the current state of

technology. Indicate references by number(s) in square brackets in line with the text. The actual authors can be referred to, but the reference number(s) must always be given. Number the references (numbers in square brackets) in the list in the order in which they appear in the text. Please ensure that every reference cited in the text is also present in the reference list (and vice versa). References should be listed as they appear in the text.

Sample list of references

Journal:
[1] Van der Geer J, Hanraads JAJ, Lupton RA. The art of writing a scientific article. *Journal of Scientific Communications* , **Vol. 163**, pp. 51-9, 2000.

Books:
[2] Strunk Jr W, White EB. *The elements of style*. 3rd ed. New York: Macmillan; 1979.

Proceedings:
[3] Mettam GR, Adams LB. How to prepare an electronic version of your article. In: Jones BS, Smith RZ, editors. *Introduction to the electronic age*. New York: E-Publishing Inc; pp. 281-304, 1999.

3. Review

All the submitted papers will undergo a peer-review process, and those papers positively recommended by at least two expert reviewers will be finally accepted for publication in the "**Acta Technica Napocensis: Civil Engineering & Architecture".** Please submit, with the manuscript, the names, addresses and e-mail addresses of 2 potential referees. Note that the editor retains the sole right to decide whether or not the suggested reviewers are used.

4. Proofs

Proofs will be sent to the corresponding author to correct any typesetting errors. Alterations to the original manuscript at this stage will not be accepted. Proofs should be returned within 48 hours of receipt.

5. Copyright

Submission of an article to"**Acta Technica Napocensis: Civil Engineering & Architecture"** implies that it presents the original and unpublished work, and not under consideration for publication elsewhere.

Appendix: The first page of paper
1. Title

The title of the paper should be typed in capital letters Times New Roman 16 pt. bold typeface and centered. The title should be brief and NOT longer than two title lines. Leave 2 blank lines at 12 pt. font setting between title and author names.

2. Names of Authors

The name(s) of authors should be typed in the order of first, middle and last name with 12 point plane typeface. An asterisk(*) should be put in front of the corresponding author's name and the affiliation(s) of author(s) should be indicated by 1, 2, 3,...The list of author(s) should be centered. Do not use titles(i.e., Prof., Ph.D., Mr., etc.) but the title(s) of author(s) may be given as a

footnote at the bottom of the first page indicated by 1, 2, 3, ... The corresponding author's e-mail address is required. Other authors' titles and e-mail addresses are optional.

3. Dates Received/Accepted
Provided from editors' records and publisher's.

4. Abstracts
First paragraph abstract should be provided of 100 to 250 words length (8 to 15 lines). Use Times New Roman font 14 pt. size bold typeface and centered for Abstract title. First abstract text should be exclusively written in English language. Use Times New Roman font 12 pt. size italics. Leave 1 blank line at 12 pt. font setting between first and second abstract sections. Second abstract text should be exclusively written in Romanian language. If the authors cannot provide a Romanian abstract, the editorial board will provide the translation of the English abstract. Please assure the necessary space in this case. Leave 1 blank line blank at 12 pt. font setting between abstract and the first section heading.

5. Keywords
The keywords should follow the Abstract. A list of 5 to 10 keywords should be provided. Leave 3 blank lines at 12 pt. between abstract and the first section heading.