

revista de ingeniería #31

DOSSIER “City and risk”

The journal *Revista de Ingeniería* is published twice a year by the Engineering Faculty of the Universidad de los Andes. It aims to make the results of the most important work carried out by the university's researchers and teaching staff available to the public, as well as to provide information about new technical approaches, and documented discussions of current developments in different fields of engineering.

Each edition of the journal consists of two main sections: the *Technical Section*, which includes articles on different engineering topics, and the *Dossier*, containing articles on a theme suggested by the editorial and scientific committees. A third section, the *Forum*, includes articles written in response to previously published pieces, providing discussion and analysis, or examining topics in more depth.

OUR NEXT EDITION

The dossier of No. 31 of our *Revista de Ingeniería* will focus on the issue of “Cities and Risk”. This dossier is meant to make an interdisciplinary contribution to the complex problem of generation of risk, its management and the policies that can tackle it within the urban environment. Cities have different technical, financial and institutional capacities and can mobilize a wide range of different resources to deploy strategic action in the face of urban security. Contemporary cities face multiple threats and risks that can be conceptualized as urban challenges that require overcoming disciplinary boundaries in order to be successfully tackled. They are systemic; insofar they affect the functioning of the city as a whole and in relationship with its surrounding environment. They are polycentric; because they affect different dimensions and essential sub-systems related to cities’ resilience and security (i.e. transportation, food security, water provision). But they are also developmental as threats and risks impinge on people’s opportunities and capabilities to achieve better quality of life and material welfare. The complexity of nowadays cities is not only given by their magnitude, population growth and increasing interrelation with a planetary economy but also from global risks. Climate change, financial instability, international and national migration, health threats and criminal activities place issues of urban risk, resilience and vulnerability at the crossroad of a needed interdisciplinary reflection across disciplines and sciences.

Professor Andrea Lampis (PhD.) from Centro Interdisciplinario de Estudios sobre Desarrollo - CIDER, Universidad de los Andes, will act as invited editor for this dossier (alampis@uniandes.edu.co).

EVALUATION PROCESS

The evaluation process – which lasts between three and six months – consists of the pre-selection of articles by the editorial committee, followed by a double-blind assessment by peer reviewers who are specialists in the field. The following classifications are used: Approved, Approved subject to Minor Corrections, Approved subject to Major Corrections and Not Approved. Once the editorial committee receives the classifications it writes to the authors to inform them of the results, including a document containing the comments and the changes (of substance and form) suggested by the evaluators. Authors are given two months from the distribution of the evaluation to make the changes and re-submit the article.

Once the second version has been received, the editorial committee sends it again to the peer evaluators for their final verdict before taking the final decision on whether to publish. If publication is approved, the author is notified by e-mail and required to sign a form to authorize publication, assign intellectual rights and give permission for its distribution in printed and electronic form as well as on the internet. The authorization covers the posting of titles, author details, abstracts and the complete article in data bases or national and international web pages. Each collaborator receives two examples of the edition in which the article has been published in recognition of the rights of the author.

INSTRUCTIONS FOR AUTHORS

We invite academics and professional practitioners to submit unpublished articles, both for the *Technical Section* and the *Dossier*, which detail outstanding research or work. We also request our readers to produce and submit articles responding to, analyzing, or providing in-depth examination, of materials that have been published in past editions. These contributions are included in the *Forum* section. The editorial committee has assigned a cut-off date of **30 April 2010** for receipt of these contributions.

Articles should be sent in printed and electronic form to:

Revista de Ingeniería
Facultad de Ingeniería
Universidad de los Andes
Cr. 1 Este # 19 A-40
Edificio Mario Laserna, oficina ML313
Bogotá D.C., Colombia. Sudamérica
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Unpublished articles in Spanish or English will be considered; they should be written in Word or LaTeX, and have a maximum length of 8 pages (letter size), including images and

tables, with symmetrical margins set at 2.5 cm, without columns, in 12 point Times New Roman, single spacing.

Images should be in black and white, high resolution (300 dpi actual size), and should be sent, inserted in the text, and in a separate .jpg or .tiff attachment. Tables and graphics should be sent in modifiable form.

The articles should be presented according to the following format:

- 1) Title in Spanish or English (using the least possible number of words necessary to adequately describe the contents of the article).
- 2) Date.
- 3) Name of the author(s), Academic qualifications, Current institutional affiliation, City, Country, E-mail.
- 4) 100 word abstract in Spanish.
- 5) 100 word abstract in English.
- 6) Key words in Spanish and English, using the LEMB system (Spanish Subject Headings for Libraries - <http://www.lembdigital.com/english/index.html>).
- 7) Introduction
- 8) Point-by-point Development of the argument.
- 9) Conclusion
- 10) Bibliographical references*
- 11) The International System of Units (SI) should be used for units, dimensions and symbols.
- 12) Short summary of curriculum vitae for all authors of the article, including e-mail addresses.
- 13) Address, e-mail and contact telephone numbers.
- 14) Details and e-mail addresses of two potential evaluators, independent of the contributor(s), expert in the area covered by the article.
- 15) Classification of the article by subject.

Articles failing to fulfill all these requirements cannot be included in the assessment process.

*"**Bibliographical references**" refers to the texts cited or referenced in the article and should appear as endnotes. References should be signaled in the text by a number in brackets, in ascending order, that directs the reader to the corresponding endnote.

Book:

[#] I.I. Surname. *Title of book*. Tr. I.I Surname of translator. Place of publication: Publisher, year, pp. (pages consulted).

Book or report chapter:

[#] I.I. Surname, I.I. Surname. “Title of Chapter”, in *Title of book*. I.I. Surname of editor or compiler of book (ed.) or (comp.). Tr. I.I Surname of translator. Place of publication: Publisher, year, pp (pages of chapter).

Journal article:

[#] I.I. Surname, I.I. Surname. “Title of Article”. *Title of journal*. Short name of journal, Vol., No. Month, Year, pp. (pages of article).

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Article presented in conference:

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