

## LISTA PUBLICAȚIILOR REZULTATE ÎN URMA CERCETĂRII DOCTORALE, PUBLICATE SAU ACCEPTATE SPRE PUBLICARE, SUB AFILIERE UPT

**Ing. Adriana-Aurelia SCURT (POP) doctorand**

### 1. Lucrări științifice publicate în reviste indexate Web of Science-WoS (ISI)

1. Bob C., Mărginean S., **Scurt A.**, "Theoretical/experimental study of reinforced-concrete frame with masonry infill", Proceedings of the Institution of Civil Engineers - Structures and Buildings ISSN 0965-0911 | E-ISSN 1751-7702, DOI: 10.1680/jstbu.15.00051

### 2. Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate Web of Science-WoS (ISI) Proceedings

1. **Scurt A.-A.**, Ghemiș M.-T., Bob C., "The Sustainability Solution for Strengthening of RC Framed Structures," 15<sup>th</sup> edition National Technical-Scientific Conference: Modern Technologies for the 3<sup>rd</sup> Millennium, November 27-28, 2015-Oradea (Romania), Medimond-Monduzzi Editore International Proceedings Division, Printed in February 2016, ISBN: 978-88-7587-724-8, pp.163-169  
<http://www.arhiconoradea.ro/Conferinta/SY27.pdf>

2. **Scurt A.-A.**, Ghemiș M.-T., Bob C., "The Sustainability Index for Strengthening of Reinforced Concrete Framed Filled with Brick Masonry Structures" , 16<sup>th</sup> International Multidisciplinary Scientific GeoConference SGEM2016, Book 4, Energy and Clean Technologies, Conference Proceedings, Volume 1, ISBN 978-619-7105-63-6, ISSN 1314-2704, DOI: 10.5593/sgem20161341, pp.761-768

### 3. Lucrări științifice publicate în reviste de specialitate indexate BDI (cu specificarea BDI)

1. Mărginean S., Bob C., **Scurt A.**, & Gruin A., "The influence of masonry infill on RC framed structure behavior" , European Conference Of Civil Engineering(ECCIE '12), 2012 , ISBN: 978-1-61804-137-1, pp.191-195  
<http://www.wseas.us/e-library/conferences/2012/Paris/CHEMCIV/CHEMCIV-31.pdf>

2. **Scurt A.**, Bob C., Mărginean S., & Diaconu D., "Strengthening of RC framed structure with masonry infill", European Conference Of Civil Engineering(ECCIE '12), 2012 , ISBN: 978-1-61804-137-1, pp.186-190  
<http://www.wseas.us/e-library/conferences/2012/Paris/CHEMCIV/CHEMCIV-30.pdf>

### 6. Lucrări științifice publicate în volumele unor manifestări științifice

1. **Scurt A.**, Mărginean S., Bob C., "Strengthening of RC frame with and without masonry infill", Zilele Academice Timișene, Timișoara, 24-25 Mai 2013, Simpozion "Sustenabilitatea Construcțiilor: Soluții eficiente pentru proiectarea/execuția și reabilitarea clădirilor", 2013

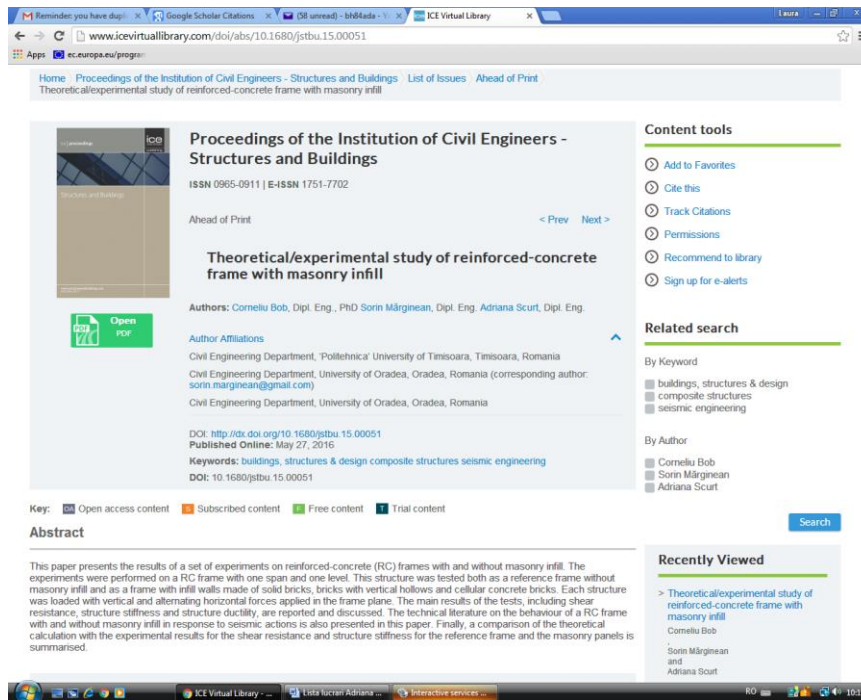
2. Mărginean S., **Scurt A.**, Bob C., "The behaviour of RC frame with masonry infill", Zilele Academice Timișene, Timișoara, 24-25 Mai 2013, Simpozion "Sustenabilitatea Construcțiilor: Soluții eficiente pentru proiectarea/execuția și reabilitarea clădirilor", 2013  
[http://www.ct.upt.ro/articole/zat2013cci/zat2013cci\\_Marginean%20S.pdf](http://www.ct.upt.ro/articole/zat2013cci/zat2013cci_Marginean%20S.pdf)

## ANEXE atașate

### A) Extras listat din Web of Science-WoS (ISI) -Thomson Reuters cu lucrările publicate indexate (în reviste sau Proceedings de conferințe).

Lucrările se vor regăsi în secțiunile 1-2.

1.



Proceedings of the Institution of Civil Engineers - Structures and Buildings

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Ahead of Print

**Theoretical/experimental study of reinforced-concrete frame with masonry infill**

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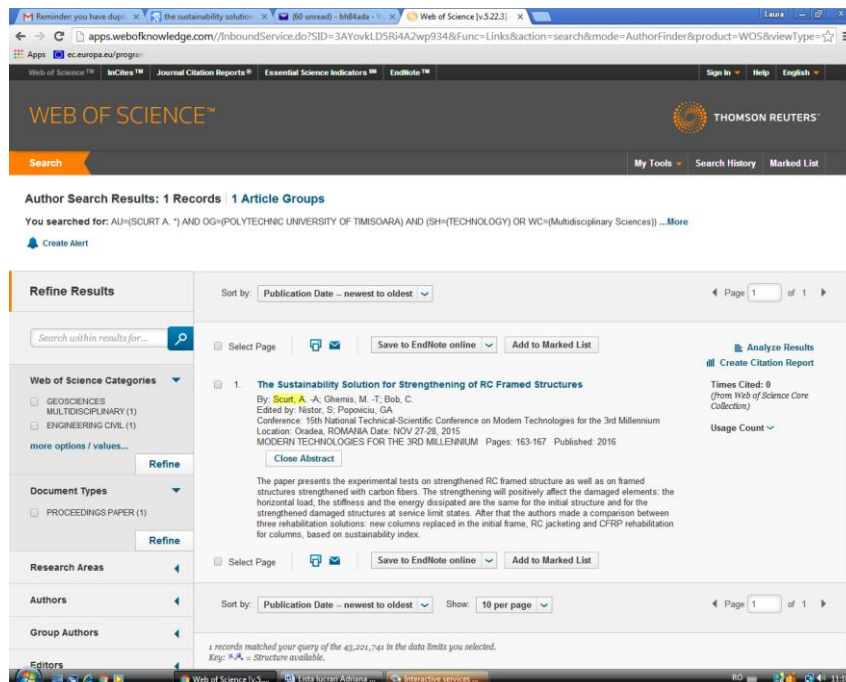
**Abstract**

This paper presents the results of a set of experiments on reinforced-concrete (RC) frames with and without masonry infill. The experiments were performed on a RC frame with one span and one level. This structure was tested both as a reference frame without masonry infill and as a frame with infill walls made of solid bricks, bricks with vertical hollows and cellular concrete bricks. Each structure was loaded with vertical and alternating horizontal forces applied in the frame plane. The main results of the tests, including shear resistance, structure stiffness and structure ductility, are reported and discussed. The technical literature on the behaviour of a RC frame with and without masonry infill in response to seismic actions is also presented in this paper. Finally, a comparison of the theoretical calculation with the experimental results for the shear resistance and structure stiffness for the reference frame and the masonry panels is summarised.

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2.



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1. **The Sustainability Solution for Strengthening of RC Framed Structures**

By Scurt, A.-A., Ghemis, M.-T., Bob, C.  
Edited by: Nistor, S., Popescu, GA  
Conference: 15th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium  
Location: Oradea, ROMANIA Date: NOV 27-29, 2015  
MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM Pages: 163-167 Published: 2016

The paper presents the experimental tests on strengthened RC framed structure as well as on framed structures strengthened with carbon fibers. The strengthening will positively affect the damaged elements: the horizontal load, the stiffness and the energy dissipated are the same for the initial structure and for the strengthened damaged structures at service limit states. After that the authors made a comparison between three rehabilitation solutions: new columns replaced in the initial frame, RC jacketing and CFRP rehabilitation for columns, based on sustainability index.

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Key: \*A\* = Structure available.

3.

<http://www.sgem.org/index.php/sgem-committee/sgem-impact>

### B) Pentru *Lucrări nepublicate, trimise la reviste indexate Web of Science-WoS (ISI) și acceptate final:*

i) **Accept final de publicare trimis de editor,**

ii) **Dovada indexării revistei cu valoare factorului de impact recent.**

Lucrările se vor regăsi la secțiunea 1, cu mențiunea la finalul referinței – (acceptată spre publicare).

C) Pentru Lucrări publicate în proceedings de conferințe care nu apar încă indexate în Web of Science-WoS (ISI), dar cu lucrări indexate la conferința anterioară:

i) **Extras listat din Web of Science-WoS (ISI) care atestă faptul că lucrările conferinței/ conferințelor anterioare au fost indexate** (câte o pagină/ conferință anterioară),

ii) **Copertă și Cuprins Proceedings sau Program conferință cu evidențierea lucrării în speță.**

Lucrările se vor regăsi la secțiunea 2 cu mențiunea la final referinței – (*în curs de indexare WoS; conferințele anterioare* – ex. 2015, 2013, 2011) indexate WoS).

**D) Extrase listate din alte BDI cu alte lucrări publicate indexate**, specifice domeniului de doctorat, cu specificarea BDI la finalul referinței (Ex. BDI: Scopus, IEEE Xplore, ScienceDirect, SpringerLink).

Lucrările se vor regăsi în secțiunile 3-4.

Data  
30.07.2016

Semnătura drd.