

INTERNATIONAL CONFERENCE



RISK REDUCTION FOR RESILIENT CITIES

Conference day 1 / Thursday 3 november 2016

8:30 – 9:30 – Registration

9:30 – 10:30 – Opening plenary

Greetings of Ion Mincu University of Architecture and Urban Planning

PhD, Arch. Marian MOICEANU, Professor and Rector of UAUIM

Greetings of The National Institute for Research and Development in Constructions, Urban Planning and Sustainable Spatial Development – URBAN-INCERC

PhD, Habil. Arch. Urb. Vasile MEIȚĂ, Associate Professor and General Director of URBAN-INCERC

Invited institutions:

R.U.R (REGISTRUL URBANIȘTILOR DIN ROMÂNIA)

O.A.R. (ORDINUL ARHITECȚILOR DIN ROMÂNIA)

U.A.R. (UNIUNEA ARHITECȚILOR DIN ROMÂNIA)

I.G.S.U. (INSPECTORATUL GENERAL PENTRU SITUAȚII DE URGENȚĂ)

M.D.R.A.P. (MINISTERUL DEZVOLTĂRII REGIONALE ȘI ADMINISTRAȚIEI PUBLICE)

10:30 – 11:00 – Coffee break

11:00 – 13:00 – Session 1

11:00 – 11:10 – **Keynote speaker** – PhD, Eng. Radu PETROVICI, Professor - The Contribution of Structural Engineers to the Achievement of Seismic Resilience of Settlements. Romania's Experience and Future Projects

11:10 – 11:20 – **Keynote speaker** – PhD, Eng. Zoran Milutinovic, Professor - Post Disaster Opportunities for Sustainable and Resilient Urban Development

11:20 – 11:40 – **Keynote speaker** – PhD, Arch. Augustin Ioan, Professor - Living along trajectories of migration

11:40 – 13:00 – **Presentations of participants**

Topics:

1 - Multihazard preparation

2 - Environment and Ecological Risk

3 - Urban Risk

- 1** Improved planning tools for safer cities and agglomerations – PhD, Arch. Gabriel PASCARIU, Associate Professor;
- 1** Urban resilience before, during and beyond disasters. Earthquake engineering and preparedness issues for Bucharest, Romania – PhD, Eng. Emil Sever GEORGESCU; PhD, Arch. Iolanda-Gabriela CRAIFALEANU, Associate Professor; PhD, Arch. Cristina Olga GOCIMAN, Professor; PhD, Eng. Mihaela Stela GEORGESCU, Associate Professor; PhD Student, Arch. Urb. Cristian Iosif MOSCU; PhD, Claudiu Sorin DRAGOMIR, Associate Professor, Senior Researcher;
- 2** Workshop summary: “Water as hazard and water as heritage” – PhD, Eng. Maria BOȘTENARU DAN;
- 3** E-PreS: A European project for monitoring and evaluation of natural hazard preparedness at school environment. The Romanian perspective - PhD, Arch. Iolanda-Gabriela CRAIFALEANU, Associate Professor ; PhD, Eng. Emil-Sever GEORGESCU; PhD, Habil. Arch. Urb. Vasile MEIȚĂ, Associate Professor; PhD, Claudiu Sorin DRAGOMIR, Associate Professor, Senior Researcher; PhD, Daniela DOBRE, Lecturer; Eng. Adelin CISMELARU;
- 3** A comparison of urban shrinkage: Romania and Serbia – PhD Student, Arch. Mihai-Ionuț DANCIU; PhD, Arch. Branislav ANTONIĆ, Assistant; PhD, Arch. Smaranda Maria BICA, Professor;
- 3** Challenges regarding the study of urban heat islands. Ruleset for researchers – PhD, Arch. Ana-Maria BRANEA, Lecturer; PhD Student, Arch. Mihai Ionuț DANCIU; PhD, Arch. Marius Stelian GĂMAN, Assistant; PhD Student, Arch. Ștefana BĂDESCU;

13:00 – 14:30 – Lunch break

14:30 – 16:30 – Session 2

Chairman – PhD, Habil. Arch. Hanna DERER, Professor

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 14:30 – 14:50 – **Keynote speaker – PhD, Eng. Alex Horia BARBAT**, Professor – Seismic Vulnerability of Buildings: from Intuition to Evaluation

14:50 – 15:10 – **Keynote speaker – PhD, Eng. Alexandru OZUNU**, Professor – Highlights of Multi-Hazard Impact Analysis on Critical Infrastructure and Urban Areas

15:10 – 16:30 – **Presentations of participants**

Topics:

3 - Urban Risk

4 - Social, political risk. Resilient communities.

- **3** “Learning From #Colectiv And Others ...” – PhD, Arch. Daciana DARABAN, Associate Professor;
- **3** Urban heat island - State of the art review – PhD, Arch. Ana-Maria BRANEA, Lecturer, Mihai Ionuț DANCIU; PhD Student, Arch. Alexandra KELLER, Assistant; PhD Student, Arch. Ștefana BĂDESCU, Assistant; PhD, Arch. Marius Stelian GĂMAN, Lecturer; PhD, Arch. Gabriela PAȘCU, Lecturer
- **3** Vulnerability in Peripheral Urban Areas – PhD Student, Andrada EFTIME, Assistant; PhD Student, Iulia FLOROIU, Assistant;
- **4** Enabling Active Ageing By Built Environment As Social-Cultural Construct - a challenge for the XXIst century – PhD, Arch. Mihaela ZAMFIR (GRIGOR-ESCU), Lecturer; PhD, Mihai ZAMFIR, Assistant Professor Medical Doctor;
- **4** The power of one. About the Social and Economic Resilience of “Heritage Communities” – PhD, Daniela CALCIU, Assistant;
- **4** The Cultural Dimension of Housing - Case study: Călata Zone, Transylvania, PhD Student, Loana VULTUR;

16:30 – 17:00 – Coffee break

17:00 – 19:00 – Session 3

Chairman – PhD. Arch. Iolanda-Gabriela CRAIFALEANU, Associate Professor;

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17:00 – 17:20 – **Keynote speaker – PhD, Hon. Eng. Horea SANDI**, Professor – Obstacles to Earthquake Risk Reduction Encountered in Romania;

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17:20 – 17:40 – **Keynote speaker – PhD, Habil. Arch. Hanna DERER**, Professor – Once Again on Cultural Heritage ...;

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17:40 – 19:00 – **Presentations of participants**
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Topics:

5 - Cultural Risk

6 - Resilience and vulnerability

- **5** Conceptualizing the present – risks and stakes – PhD Student, Delia-Alexandra PRISECARU;
- **5** Similarities through the mirror – Egypt's Temples in danger – PhD, Oana DIACONESCU, Lecturer;
- **5** Resilient Cities: Sustainable Retrofit for Former Socialist Neighborhoods – Arch. Giacomo ANGELETTI;
- **5** Comparative study of the impact of salt resources over the development of the towns of Turda and Ocna Sibiului – PhD Student, Arch. Ferenc KOVACS;
- **5** Interior courtyards in urban landscapes – PhD, Mihaela LAZĂR, Assistant;
- **6** Defining the general parameter of urban comfort in reducing risk factors on built heritage conservation and rehabilitation – PhD, Arch. Dana CHIRVAI, Professor; PhD, Arch. Alina VOICULEȚ, Lecturer; PhD, Arch. Marius SOLON, Assistant;

20:30 – Conference dinner

Conference day 2 / Friday 4 november 2016

8:30 – 9:00 – Registration

9:00 – 11:00 – Session 4

Chairman – PhD, Eng. Emil Sever GEORGESCU

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9:00 – 9:20 – **Keynote speaker – PhD, Eng. Mario Dolce** - Italian Civil Protection Initiatives for Knowledge Improvement and Seismic Risk Mitigation of the Built Environment ;

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9:20 – 9:40 – **Keynote speaker – PhD. Arch. Cristina Olga GOCIMAN**, Professor - Sustainability and Resilience in urban architectural and structural design;

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9:40 – 11:00 – Presentations of participants
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Topics:

6 - Resilience and vulnerability

7 - Risk assessments

- **6** A conceptual assessment of territorial sustainability integrating diversity, stability and resilience – PhD, Habil. Alexandru PETRIȘOR, Senior Researcher and Associate Professor;
- **6** The 1977 earthquake as abusive pretext for demolishing the city centre of Bu-

- **6** charest – PhD, Octaviana JIANU, PhD, Adrian NICULESCU, Associate Professor;
- **6** Urban fire - Arch. Florin Enache
- **6** Architectural Interfaces as Eco-systemic Tools of the Built Environment, RRRRC 2016 paper abstract – PhD candidate, Ionuț Adrian IBRIC;
- **7** Urban vulnerability in the context of Floods Directive implementation in Romania – Phd, Eng. Daniela RĂDULESCU; Phd. Viorel CHENDEȘ; Eng. Elena GHIȚĂ; Eng. Bogdan ION; Eng. Sorin RÎNDAȘU;
- **7** Recent researches on the quantification of seismic vulnerability and risk for Bucharest – PhD Candidate, Dragos TOMA-DANILĂ; PhD, Iuliana ARMAȘ, Professor; PhD, Carmen Ortanza CIOFLAN; PhD Student, Radu IONESCU; PhD Student, Alexandru GAVRIȘ;

11:00 – 11:30 – Coffee break

11:30 – 13:30 – Session 5

Chairman – PhD, Habil. Alexandru PETRIȘOR, Senior Researcher and Associate Professor;

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11:30 – 11:50 – Keynote speaker – PhD, Tiberiu FLORESCU Prof. Arch. - An Innovative Tool For A Sustainable Future: The Dynamic Master Plan And The Resilient City;

11:50 – 13:10 – Presentations of participants

Topics:

7 - Risk assessments

8 - Education Research

- **7** Risk management opportunities and lessons in UK conservation planning for cultural heritage – practice studies and models from the IHBC's 'Context' – PhD, Sean O'REILLY, MURP, FInstLM, IHBC, FSA Scot;
- **7** Urban resilience of historical centers: an application to a building sector in the municipality of Marigliano (Naples, Italy) – PhD, Eng. Marius MOȘOARCA, Professor; PhD, Eng. Antonio FORMISANO, Professor; PhD Student, Eng. Nicola CHIEFFO; PhD, Eng. Francesco FABBROCINO, Professor;
- **7** Aspects related to geotechnical risk management induced by strong ground motions according to sustainable development goals: state approach for soil liquefaction – PhD, Eng. Elena-Andreea CĂLĂRAȘU; PhD, Eng. Cornelia-Florentina DOBRESCU;
- **8** Knowledge, awareness and responsibility on risk – Urb. Paola RIZZI, Associate Professor; Arch. Denti BARBARA; Arch. Marcia ALESSIA; PhD, Arch. Urb. Promsaka Na Sakonnakron SARUNWIT;
- **8** Lifelong learning in seismic design: the SEISMOCODE platform – PhD, Eng. Ion Radu PASCU, Professor; PhD, Arch. Iolanda-Gabriela CRAIFALEANU, Associate Professor; Eng. Ovidiu ANICALI; PhD, Eng. Livia ȘTEFAN; PhD, Eng. Viorel POPA, Associate Professor; PhD, Eng. Vasile Virgil OPRISOREANU; PhD, Eng. Ionuț DAMIAN; PhD, Eng. Cristian RUSANU; PhD, Andrei PAPURCU;
- **8** Learning from Kyoto. Training Course Experience in Disaster Risk Management – PhD, Mihaela HĂRMĂNESCU, Lecturer;

13:10 – 15:00 – Lunch break

15:00 – 16:30 – Closing Plenary /Conclusion/Diploma

Conference day 3 / Saturday 5 november 2016

9:30 – 12:30 – Tour of Bucharest or

9:30 – 20:00 – București – Târgoviște – Câmpulung - Curtea de Argeș – București