


RESEARCH AND DESIGN IN URBAN PLANNING GROUP

Contact details

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Areas of expertise

Research in urban design and urban planning
Consulting in urban design and urban planning
Developing planning documentations and projects (: (A) Plans for national territorial improvement , (B) Plans for county territory improvement, for inner-county territory improvement and for border territory improvement, (C) Plans for the improvement of inter-cities and inter-communes territories, the improvement of the metropolitan territory, and plans for improvement of peri-urban territory in the main cities towns; (D) General urban plans and Regional urban plans, together with related local regulations, (E) Urban Detail plans , (F) Protection and development of the built heritage.
Design in architecture and building restoration.
Design in urban design and urban planning.

Team and key skills

Coordinator: Assoc. Prof. Dr. Arh. Mihaela Ioana Agachi is professor at the Faculty of Architecture and Urban Planning in Cluj-Napoca, Head of Urban Planning Department, and Erasmus Coordinator. Her research areas of expertise include studies regarding urban design and urban planning and history of urbanism. Her design work include architectural design, building restoration design, urban design. She is Certified Architect, and Certified Urban Designer for coordinating the elaboration of documentation for improvement of territory and urban planning: (A) Plans for national territorial improvement, (B) Plans for county territory improvement, for inner-county territory improvement and for border territory improvement, (C) Plans for the improvement of inter-cities and inter-communes territories, the improvement of the metropolitan territory, and plans for improvement of peri-urban territory in the main cities towns; (D) General urban plans and Regional urban plans, together with related local regulations, (E) Urban Detail plans , (F) Protection and development of the built heritage. email: mihaela.ioana.agachi@arch.utcluj.ro
PhD student Arh. Octav Silviu Olanescu is a PhD student in Architecture, assistant at the Faculty of Architecture and Urban Planning, Urban Planning Department, with research expertise in urban design and urban planning, sustainable development, green energy. He is Certified Architect. email: octavolanescu@yahoo.com
PhD student Arh. Vlad Sebastian Rusu is PhD student in Architecture, assistant at the Faculty of Architecture and Urban Planning, Architecture Department, with research expertise in urban design and urban planning, and history of urbanism. He is Certified Architect. email: vlad.rusu@arch.utcluj.ro

Infrastructure

3 Dell Notebooks, 1 Hp A3 jet color printer, 1 Hp A4 laser color multifunctional
 CAD Software: AllPlan Nemetchek, Archicad

Development strategy

The group targets are : the development of the design and of the research in urban planning and urban design, the participation at national and international urban planning competitions and architectural competitions , the promotion of young teachers in advanced research activities, the extension of activities in interdisciplinary teams and cooperation in national and European research projects.

Representative projects

International Architectural competition for the spatial planning of the Tamula lakeside area, Voru, Estonia, organized by the Town hall of Voru city and the Estonian Union of Architects, 2008. Our team was awarded with the 2nd Prize (website: <http://www2.arhliit.ee/english/competitions/domestic/4538/>). The project conceived a public urban space in a morphological approach, considering the urban identity as part of the global landscape and of the territory in a spatial harmonious coherence, emphasizing the main characteristics of the site.

International Architectural competition for reconstruction of Rakvere's St Paul's church, Rakvere, Estonia, organized by the City of Rakvere/ Estonia, 2009 (website:

<http://www2.arhliit.ee/english/competitions/domestic/4550/>). The project integrated the former church-nowadays sport venue- as a flexible space for religious events and chamber music in the new proposed Arvo Part's Hall, a philharmonic center in the Vabaduse Square. By the restructuration proposed in the square, it's identity became a strong landmark for the city, a place for music and cultural events, with reversible relation both in urban and in architectural space.

International competition for the Memorial of Aeronautics, Bucharest, 2009

(website:<http://www.oar.org.ro/concurs.php?id=10&st=1>). The project proposed a symbol for aeronautics heroes , different sculptural parts of it -objects offered along a simply walk in the Aviatorilor boulevard.

General Urban Plan with related local regulation (PUG and RLU), for Azuga Town, Prahova County-2009. Starting with fundamental studies of the existing situation, the proposed development of town Azuga is concentrate on the following issue : the touristic function is the main reason for sustainable development of the town.

International competition for the theme of the Cultural Center of Transylvania in Cluj-Napoca, organised by the City of Cluj-Napoca, 2010. Our team was awarded with the 1st Prize-

(website:<http://www.archdaily.com/112383/transylvania-cultural-center-ioana-mihaela-agachi-octav-s-olanescu-anamaria-c-popa-vlad-s-rusu/>). The proposed project was appreciate both from urban and architectural point of views :a new opened street facilitate the auto and pedestrian circulation, the important landmark - the porch that underline the main building – the Philharmonic Hall, and the distribution of spaces in the four main buildings proposed to be erected in four stages.

Historical and urban study for P.U.G. of Cluj-Napoca, 2010. The study of urban structure and urban form underline the specific growth of the city in time and space and offer motives for strategies in making new urban identities.

Significant results

Articles:

1. "Grid" – *Acta Technica Napocensis, Civil Engineering & Architecture*, vol. 52 (2009), ISSN 121-5848, pp.111-128.
2. "Choice"- Participation at the international architectural competition for the urban development project of Vabaduse Square/ town Rakvere/ Estonia în *Acta Technica Napocensis, Civil Engineering & Architecture*, vol. 54, No. 3 (2011), ISSN 121-5848, pp.318-332.
3. "Continuity and discontinuity in public space. The Transylvania Cultural Center in Cluj-Napoca"- *Acta Technica Napocensis, Civil Engineering*, 2012, ISSN 121-5848, under press.

International competitions awards:

1. 2nd Prize at the International Architectural competition for the spatial planning of the Tamula lakeside area, Voru, Estonia, 2008
2. 1st Prize at the International competition for the theme of the Cultural Center of Transylvania, Cluj-Napoca, 2010

International exhibitions:

1. Voru, Estonia, Regional Museum of Voru-2008, International Architectural competition for the spatial planning of the Tamula lakeside area, Voru, Estonia, 2008 (web: <http://www2.arhliit.ee/english/competitions/domestic/4538/>)
2. Talinn, Estonia, Architecture and Design Gallery- 2008 International Architectural competition for the spatial planning of the Tamula lakeside area, Voru, Estonia, 2008 (web: <http://www2.arhliit.ee/english/competitions/domestic/4538/>)
3. Rakvere, Estonia- "Virumaa Museums Gallery"- 2009 International Architectural competition for reconstruction of Rakvere's St Paul's church, Rakvere, Estonia, 2009 (web: <http://w3.rakvere.ee/hange/vaata.aspx?mid=44>)
4. Talinn, Estonia- "Estonian Museum of Architecture"- 2009 International Architectural competition for reconstruction of Rakvere's St Paul's church, Rakvere, Estonia, 2009 (web: <http://w3.rakvere.ee/hange/vaata.aspx?mid=44>)
5. Arch daily architecture webside- International competition for the theme of the Cultural Center of Transylvania, Cluj-Napoca, 2011- (web: <http://www.archdaily.com/112383/transylvania-cultural-center-ioana-mihaela-agachi-octav-s-olanescu-anamaria-c-popa-vlad-s-rusu/>)

National exhibitions:

1. Bucharest, Aeronautics Museum, 2009, International competition for the Memorial of Aeronautics in Bucharest (web: <http://www.oar-bucuresti.ro/anunturi/2009/05/22/a/>)

2. Cluj-Napoca, Unirii Sqare 2012, "Architecture competition for public space" Exhibition organised by Chamber of Architects- participation with International Architectural competition for the spatial planning of the Tamula lakeside area, Voru, Estonia (web: <http://casp.xc.ro/>)
3. Timisoara, Opera Square 2013, "Architecture competition for public space" Exhibition organised by Chamber of Architects- participation with International Architectural competition for the spatial planning of the Tamula lakeside area, Voru, Estonia (web: <http://casp.xc.ro/>)

The offer addressed to the economic environment

Our group is open to cooperate in interdisciplinary teams for research in urban design and urban planning, at national and international level, with researchers, teachers from universities and with professional associations. The group is able to approach general urban plans, regional urban plans, urban detail plans, plans for territory improvement at different levels and also architectural projects.



Fig. 1. Images with our team in the research lab



Fig. 2. "Architecture competition for public space" Exhibition organised by Chamber of Architects in Timisoara, Opera Square 2013 (left) and Cluj-Napoca, Unirii Sqare 2012 (right)- participation with International Architectural competition for the spatial planning of the Tamula lakeside area, Voru, Estonia



Fig. 3. Second Prize at the International Architectural competition for the spatial planning of the Tamula lakeside area, Voru, Estonia, organized by the Town hall of Voru city and the Estonian Union of Architects, 2008.



Fig. 4. First Prize at the International competition for the theme of the Cultural Center of Transylvania in Cluj-Napoca, organized by the City of Cluj-Napoca, 2010

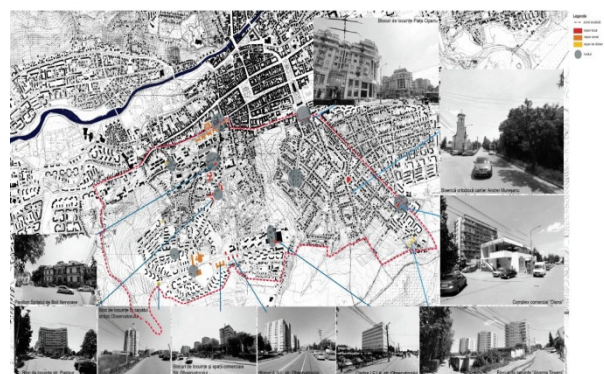


Fig. 5 Historical and urban study for P.U.G. of Cluj-Napoca, 2010. The study of urban structure and urban form underline the specific growth of the city in time and space and offer motives for strategies in making new urban identities.