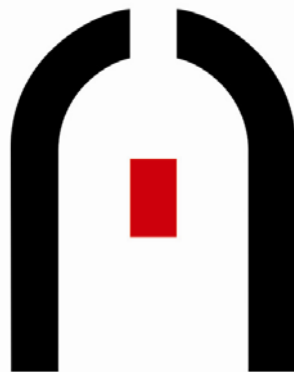


FACULTY OF ARCHITECTURE



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RESEARCH GROUP IN URBAN HISTORY AND BUILT HERITAGE

GENERAL PRESENTATION

The new concept of sustainable urban development offers a new dimension to the urban design. It involves in an integrated way different levels of the society in the planning and rehabilitation. That makes necessary to find methods to answer at the globalization challenges. In order to protect the built heritage and to integrate it in a viable development of the cities, there is a fundamental need to study the urban history and the tendencies of the contemporary evolution.

A series of critical aspects makes also necessary to reconsider the protection possibilities, which can not be resumed to a simple survey in order to stop aggressive changes. They need to find the right methods to maintain the architectural qualities of the historical monuments.

OBJECTIVES

The main objective of the research team is to find the characteristics of the urban development and the particularities of the historic zones, ensembles and buildings and based on the analysis, to propose viable solutions for the urban planning and for the rehabilitation of the built heritage.

Another objective is to study the specific features of the built heritage in rural areas and to offer solutions for their integration in the contemporary tendencies of globalization.

MAIN RESEARCH FIELDS

- History of urbanism and its applications in contemporary design.

Keywords: urban design, urbanism, urban network, settlement, city

- Integrated protection of the built patrimony in Romania.

Keywords: protection, built patrimony, historical monuments, sites and zones, rehabilitation, restoration

- Architecture and urbanism in Banat county.

Keywords: traditional architecture, vernacular, typology, integration

- Historical evaluation of industrial architecture.

Keywords: technology, functionalism, steel structures

Researches in *HISTORY OF URBANISM AND ITS APPLICATIONS IN CONTEMPORARY DESIGN*

FIELD DESCRIPTION

Historical researches of human settlements in order to detect the rules of urban development.

Studies of urban structures, typologic and morphologic elements, particularities of the urban evolution.

Researches in architectural and urban history of cities and villages in Banat.

Inventory of the valuable architecture in Banat in order to propose methods of their integration in the contemporary life.

ACTIVITIES

Archives investigations, research in the territory, analytical studies.

Solutions to increase the quality of urban projects. Collaboration in different categories of urban plans.

RESEARCH TEAM

Prof.dr.arh. Teodor Octavian Gheorghiu

Prof.dr.arh. Smaranda Bica

Assoc. prof.dr.arh. Radu Radoslav

Ass.arh. Bocan Catalina

Ass.arh. Erica Dudas

RESULTS

PUBLISHED PAPERS

1. Gheorghiu, T.O., Bica, S., *Study of Some Early Systems of the Romanian Medieval Towns in Wallachia, Moldavia and Dobrudja*, „Mnemeio & Perivallon” nr. 9, 2005, Tessaloniki, Greece, 2006, ISSN 1106-0298, pp. 65-109
2. Gheorghiu, T.O., *Romanian Extracharpatic Structural and Morfological Elements Between the 15 – 16th Centuries. The Case of Moldavia of Stefan cel Mare*, „Historia Urbana” nr. 1, Bucuresti, 2006, ISSN 1221-650X
3. Gheorghiu, T.O., *TypicalThe Medieval Suceava – Creation and Evolution until the First Part of the 16th Century*, „Historia Urbana” nr. 1, Bucuresti, 2006, ISSN 1221-650X

CONTRACTS

1. Contract nr. 577/19.12.2006, *General Urban Plan of Deva and its Urban Regulation*, Beneficiary: D.S. Architecture Agency SRL, Bucharest
Value: 150,000 RON
2. Contract nr. 498/02.08.2006, *Plan of Territorial Arrangement of the Interurban area Deva-Simeria-Hunedoara*, Beneficiary: District Council of Hunedoara
Value: 115,000 RON

INTERNATIONAL PROGRAMMES

International workshop: *Urban Study for the Use of an Industrial Area at The North of the Railway of Timisoara*

Value: 5,000 E

Partner: Universita degli Studi „La Sapienza” di Roma

CONTACT PERSON

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Researches in INTEGRATED PROTECTION OF THE BUILT HERITAGE**FIELD DESCRIPTION**

Study of the buildings and urban zones with a high architectural and historical value.

Detect the best forms and possibilities of protection. Search for historical monuments and sites in the county of Banat.

Colaboration with institutions and organisations involved in the protection of the built heritage.

ACTIVITIES

Archives of information about the buildings and zones of architectural interest – Inventory of historical monuments

Analyse of the damages produced by different causes.

Proposals of rehabilitation and prevention.

RESEARCH TEAM

Prof.dr.arh. Teodor Octavian Gheorghiu
Prof.dr.arh. Smaranda Bica
Assoc.prof.dr.arh. Liliana Roșiu
Ass.arh. Mihai Donici
Ass.arh. Alfred Schwalie
Arh. Doina Antoniu

PUBLISHED PAPERS

1. Roșiu, L., *The Conservation of the Historical Centre of Timisoara and the Reneva Temptation*, International conference

„Conservation in Changing Societies. Heritage and development”, Raymond Lemaire International Centre for Conservation - Katholike Universiteit Leuven, 2006, ISBN 2-930301-27-9, pp.385-392

2. Bica, S., *Conservation Problems for Rural Parish Cemeteries, when Adiascent to Churches Classified as Historical Monuments. The Special Case of the Cemetery of Sapanta*, „Proceedings of the International Conference on Monumental Cemeteries: Knowledge, Conservation, Restyling and Inovation”, Modena, 2006
3. Roșiu, L., *The Ironwork in the Funeral Architecture of Timisoara – a Heritage in Danger*, „Proceedings of the International Conference on Monumental Cemeteries: Knowledge, Conservation, Restyling and Inovation”, Modena, 2006
4. Roșiu, L., *Structural Arguments in the Analysis and Conservation of some Romanesque Churches in Romania*, International Conference, „Structural Analysis of Historical Constructions”, New Delhi, Macmillan, Vol. I, 2006, ISBN-10:1403-93155-0, ISBN-13:978-1403-93155-9, pp. 227-234
5. Roșiu, L., *The National Theatre in Timisoara – the Official Architecture and its Influence*, in „Analele Banatului”, Archaeology – History, XIV, Vol. 2, Timisoara, 2006, ISSN 1221-678X, pp371-380

CONTRACTS

1. International project „Culture 2000”, *Architecture and Society of Holiday Camps, History and Perspectives*
Value: 21,812 E
Partners: DAPT-Universita di Bologna, Provincia di Rimini, University of Ghent, CNRS-France
2. CNCSIS grant nr.2739/2006, *The Rural Traditional Trade as Specific Regional Element and Economic Rehabilitation Factor for the Romanian Vilage in Front of the Globalization*
Value: 57,900 RON
3. Contract nr. 1683/2006, *Value Analysis of the Buildings in the Urban Site „Cetate” in Timisoara*
Value:26,400 RON
Beneficiary: The Direction of Culture, Cults and Cultural Heritage of Timis District
4. Contract nr. BC 565/2006, *Study for The Museum Point „Traian Vuia” in Traian Vuia village*

Value: 10,000 RON

Beneficiary: The District Council of Timis and The Museum of Banat, Timisoara

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RESEARCH GROUP IN MODERN ARCHITECTURE, FORMS AND SYMBOLS

GENERAL PRESENTATION

Architectural form it is a research topic considering the basic fundamentals of today's man made environment in relation with nature. The possibilities to adapt already existing tendencies like bionics, eco-texture, structuralism, semiotics, informational aesthetics etc. to contemporary phenomena related to technology and digital techniques, but also with ecology, are known as sustainable (self sustained) development. In this kind of approach form is both a generating source and final result, dominating architectural design.

OBJECTIVES

The main objective of the research team is to find the characteristics of the contemporary architecture and its development tendencies in order to propose suitable solutions for the design of the built environment.

There is also important to find how the contemporary architecture may be inserted in the existing natural and built sites and how could it to transform them in the benefit of their quality.

MAIN RESEARCH FIELDS

- Forms, symbols and representation methods.
Keywords: symbol, architectural form, geometry, art, alternative form
- Characteristics of the Architecture in the second half of the 20th century
Keywords: modernism, geometric shape, international style, rationalism.
- Historical and critical evaluation of modern architecture.
Keywords: space, functionalism, modular, environment, typology

Researches in FORMS, SYMBOLS AND REPRESENTATION METHODS

FIELD DESCRIPTION

Study of the relationship between the architectural form and its structural and functional determination. Search to detect the expressive qualities of the architectural form.

ACTIVITIES

Theoretical contributions in the design of urban environment. Appliance in architecture, urban and interior design.

RESEARCH TEAM

Prof.dr.arh. Cristian Dumitrescu
Prof. dr. Arh. Smaranda Bica
Assist. Vlad Ardeleanu
Assist.arh. Gheorghe Breazu
Assist.arh. Claudiu Silvăşan
Assist.arh. Erica Dudaş
Assist.arh. Codruţa Negrulescu

PUBLICATIONS

PUBLISHED PAPERS

1. Dumitrescu, C., *The Forms of the Nature as Alternative Forms for the Architecture*, Conference „The Research in Architecture and Urbanism”, „Ion Mincu” University of Architecture, Bukarest, 2006
2. Ardeleanu, V., *WEB Design – Flash Sites*, Taschen, 2006, ISBN 3-8228-4047-5, pp.50
3. Ardeleanu, V., *WEB Design – Music Sites*, Taschen, 2006, ISBN 3-8228-4958-8, pp.177

INTERNATIONAL PROGRAMMES

1. Leonardo da Vinci - ESUA project: *The European School of Urbanism and Architecture*
Director: Folkeuniversitetet Norway
Partners: Technische Universitat Berlin, Stadt Gladbeck, KTH Royal Institute of Technology, INTBAU Venice

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**Researches in HISTORICAL AND CRITICAL
EVALUATION OF MODERN ARCHITECTURE**

FIELD DESCRIPTION

Study of the sources of modern architecture in relationship with a critical overview of the contemporary tendencies.

ACTIVITIES

Projects and theoretical contributions to the contemporary architectural development.

RESEARCH TEAM

Assoc. prof. dr. arch. Vlad Gaivoronschi
 Assoc. prof. dr. arch. Ioan Andreescu
 Assist. Arch. Marius Miclăuș
 Assist. Arch. Marius Harta
 Assist. Arch. Razvan Oprita
 Assist. Arch. Romeo Szorad

PUBLISHED PAPERS

1. Gaivoronschi, V., *The Savoy Hotel*, „Arhitectura” review nr. 50, december, 2006, pp 60-61

2. Gaivoronschi, V., *The Savoy Hotel*, in “Arhitext” review, nr. 6 (160), may, 2006, pp. 52-65
3. Gaivoronschi, V., *About the Art of the Place*, „Arhitext” review, nr.2,(156), february, 2006, pp.47-53

INTERNATIONAL PROGRAMMES

1. Exhibition *New Trends in the Architecture of the Third Millenium*, Florence – Auditorio del Duomo, organised by Fondazione Romualdo del Bianco, december, 2006
2. Presentation of *Savoy Hotel* at The **Bienala** of Architecture, Bukarest, 2006 - **Nominalised**

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