

## Scientific projects 1954-2019

- 1963**      **NIR 2 - Hygiene and technical standards of industrial buildings (1963-1968)**  
Leader: V. Damnjanović
- NIR 3 - Programming and concepts for building commercial municipal properties**  
Leader: B. Kojić, Đ. Simonović
- NIR 4 - Serbian architecture between the two wars (1963-1967)**  
Leader: U. Martinović
- NIR 5 - Nineteenth century Serbian architecture 1815 to 1915 (1963-1967)**  
Leader: B. Nestorović
- NIR 6 - Criteria and measures in a residential building (1963-1964)**  
Leader: B. Nestorović
- 1964**      **Large residential complexes, industrial and traditional construction methods**  
Leader: B. Nestorović
- NIR 7 - Testing the functional value of free space in residential areas (1964-1968)**  
Leader: B. Maksimović
- 1965**      **NIR 4b - Development of a functional scheme in the residential architecture of Belgrade between the two wars, 1918-1941**  
Author: A. Marić
- NIR 15 - A minimum standard apartment: the determinants for properties and concepts (1965-1967)**  
Leader: B. Aleksić, D. Ilić, M. Lojanica, D. Macura, B. Milenković, M. Ban, Lj. Pjanić, R. Petrović, S. Đorđević, S. Petrović, B. Piha
- 1966**      **NIR 8 - Review, Analysis and Assessment of Urban Activity in Serbia from 1945 to 1965**  
Leader: O. Minić
- NIR 9 - Contemporary restaurants in working organizations**  
Leader: B. Stojkov
- NIR 10 - Old Balkan Cities in Serbia, Macedonia and Montenegro (1965-1968)**  
Leader: B. Kojić
- NIR 11 - Small nineteenth century towns in Serbia 1815 to 1865**  
Leader: B. Kojić
- NIR 12 - The symbology of an archaic city (1966-1967)**  
Leader: B. Bogdanović
- NIR 13 - The development of urbanism in Serbia 1860 to 1914**  
Leader: B. Maksimović
- NIR 14 - The evacuation of waste from apartments, buildings and settlements and its use**  
Leader: P. Zrnić
- Architecture in Serbia between the two wars 1918 to 1941**  
Leader: U. Martinović
- The development of villages in Serbia**  
Leader: B. Kojić, Đ. Simonović
- Comparative analysis of the meaning of particular terms in our (Serbian) urban legislation**  
Leader: Lj. Pekić
- Spatial conception of the clinical block as an integral part of the hospital centre reconstruction at the Faculty of Medicine in Belgrade**  
Leader: M. Macura

- NIR 16 – Small rural towns and centres in Serbia (1966-1967)**  
Leader: B. Kojić, Đ. Simonović
- NIR 17 – Urban concepts of the industrial production of housing (1966-1967)**  
Leader: V. Bjelikov
- NIR 18 – The life and work of Emilijan Josimović (1966-1967)**  
Leader: B. Maksimović
- 1967 NIR 19 – Architectural norms in the building up of industry (1967-1972)**  
Leader: V. Damjanović
- 1968 The relation between multi-storey residential buildings and individual single-family buildings**  
Leader: A. Marić
- The use of large prefabricated panels in a residential building in Yugoslavia (1966-1968)**  
Leader: A. Marić
- Industrial and traditional methods for constructing large residential complexes**  
Leader: A. Marić
- NIR 21 – Spatial aspects of organizing specialist services and dispensaries in health services in SR Serbia**  
Leader: A. Marić
- The basic elements of categorizing, classifying and systematizing spatial units for health protection, based on the content of work from relevant organizational units**  
Leader: M. Macura
- 1969 One approach to residential and spatial planning**  
Leader: A. Marić
- NIR 20 – The industrialization of construction and architectural properties of buildings**  
Leader: M. Petrović
- NIR 22 – Duplicate settlements in Eastern Serbia**  
Leader: Ž. Vlahović
- NIR 23 – Urbanization in the United States of America**  
Leader: A. Ocokoljić
- NIR 24 - Terminology 1, 2, 3, 4, 5, 6, 7.**  
Leader: Lj. Pekić
- NIR 25 – The spatial organization of a hospital from the standpoint of progressive care**  
Leader: M. Đokić
- NIR 26 – Regional supply facilities for settlements and their network**  
Leader: M. Petrović
- NIR 27 – The organization and processing of documentation in the construction of Serbian industry**  
Leader: V. Damjanović
- NIR 28 - Regional planning in the world**  
Leader: B. Piha
- NIR 29 – The promising development of villages in Serbia**  
Leaders: Đ. Simonović, B. Kojić
- NIR 30 - Urban elements and principles for determining the characteristics of cities and regions**  
Leader: B. Novaković
- Examining the functional value of vacant space in residential complexes**  
Leader: B. Maksimović
- NIR 31 – The organization of housing in Serbia**  
Leader: V. Bjelikov

- NIR 33 – The basic steps for making regulations in the prefabricated construction method**  
Leader: M. Petrović
- NIR 34 – Review, analysis and evaluation of the industrial production of apartments in Yugoslavia (phase I and II)**  
Leader: P. Cagić
- NIR 36 – Spatial structures**  
Leader: Đ. Zloković
- NIR 37 – The industrialized construction of small school and health facilities with special reference to our (Serbian) circumstances**  
Leaders: M. Petrović, V. Ivković, R. Trbojević, V. Tvrtković, P. Cagić
- NIR 38 – The analysis of metal constructions between floors and their use in Serbia (phase I)**  
Leader: O. Hrabovski
- NIR 39 – The architecture of Dragiša Brašovan**  
Leader: Z. Manević
- NIR – A coordinated system of constructions**  
Leader: Đ. Zloković
- NIR – Group theory and G-vector spaces in oscillations, stability and statics of structures**  
Leader: Đ. Zloković
- The organization and processing of documentation with regard to the construction of Serbian industry (An analysis of construction and industry in Serbia – I and II) (1967-1969)**  
Leader: V. Damjanović
- 1970 NIR 43 – General tasks in the development of the Spatial Plan of Serbia**  
Leader: B. Nestorović, coauthors: B. Kojić, R. Radović, A. Ocokoljić
- NIR 44 – Special tasks in the development of the Spatial plan of Serbia – the valorization and assessment of space in Serbia, the social aspects of natural rarity, historical monuments, tourist centres and areas**  
Leader: M. Macura
- NIR 45a – A complex study of housing construction in SR Serbia (housing systems in SR Serbia) (1970-1972)**  
Leader: B. Nestorović
- NIR 45b – Individual housing construction and the development of family house projects**  
Leader: A. Marić
- NIR 46 – Analysis of the existing theories of flexible roof areas with a negative Gaussian curve – phase I**  
Leader: M. Ristić
- NIR – Systematization of Serbian settlements in Serbia (1970-1972)**  
Leader: Đ. Simonović
- NIR 54 – Villages within their wider areas – the territory of Serbia (1970-1971)**  
Leader: Đ. Simonović
- NIR – Urban aspects of the industrial production of apartments**  
Leader: V. Bjelikov
- 1972 NIR 21 – Comparative overview and analysis of health centres in SR Serbia with a special emphasis on the Belgrade area (1972-1975)**  
Leader: A. Marić
- NIR 57 – Examining the technical and economic advantages of constructing apartments based on the NS-71 prefabricated system**  
Leader: B. Petrović  
Subproject leaders: B. Petrović, M. Lojanica, R. Trbojević, Đ. Zloković, S. Ostojić, P. Cagić, Ž. Janković

- NIR – A study of precast elements within prefabricated construction**  
Leader: V. Ivković
- NIR 67 – Adapting the construction of family housing to the morphology of the soil**  
Leader: N. Borovnica
- NIR – Group theory and planned spaces**  
Leader: Đ. Zloković
- NIR – Functional aspects and properties of health-care units, their systematization, classification and categorization**  
Leader: M. Macura
- A review of group spaces in a household as a spatial problem for raising the optimal characteristics of a contemporary apartment**  
Leader: V. Lazić
- 1973 NIR 52 – Macroproject: Spatially planning Yugoslavia**  
Leaders: C. Kostić, B. Kojić
- NIR 63 – The valorization of category I and II health care facilities and aspects of spatial organization in relation to the development of modern medical science and practice - phase I and II (1973-1976)**  
Leader: A. Marić
- The spatial organization of educational facilities**  
Leader: M. Bajlon
- NIR 62 – Processing and analysis of school building documentation (rad 1973-1974)**  
Leader: M. Bajlon
- 1976 NIR – A methodological model for planning small towns (1976-1978)**  
Leader: N. Spasić
- 1977 NIR 73 – Mobile housing – modified and remodelled housing to provide opportunities for physically disabled users (1977-1981, project phase IV 1980)**  
Leader: A. Marić
- 1979 Hospital unit – a basic hospital unit with beds (1979-1981)**  
Leader: A. Marić
- NIR 82 – Organizing a human-environment system**  
Leader: N. Manojlović
- 1981 Proposal for the formation and method of organization of an information centre for the purpose of architecture, urbanism and spatial planning**  
Leader: A. Marić
- 1981-1983 Complex research for planning the long-term development, arrangement and revitalization of space in the zone of influence of a large mining, energy and industrial system using the case study of REIK Kolubara (12 subprojects, 1981-1983)**  
Leaders: D. Perišić, N. Spasić  
OZN Belgrade, RB Kolubara Ltd (a continuation of research in the T-167 project)
- NIR 93 – A preliminary study of spatial functional elements for the Bežanijska Kosa residential area in Belgrade**  
Leader: N. Borovnica  
Leaders of sub-topics: P. Jakovljević, Z. Jovanović
- The spatial organization and landscaping of the Kopaonik area (17 subprojects)**  
Leaders: D. Perišić, D. Dabić

- 1982 NIR 95 - A sloping or flat roof for residential buildings constructed in an industrial manner**  
Leaders: V. Ivković (Faculty of Architecture, Belgrade), M. Đoković (GP Napred Belgrade), D. Marušić (Faculty of Architecture, Belgrade), coordinator: M. Lukić
- 1984 NIR 99 – Recommendation for the JUS standard of programs “The functional requirements and spatial needs of the disabled in buildings and their surrounding area”**  
Leader: A. Marić
- 1985-1990 NIR 86N101U – The environmental basis for planning (1985-1990)**  
Leaders: N. Milašin, S. Prodanović  
**NIR 105 – Spatial and physical parameters for planning and designing housing in urban settlements**  
Leader: N. Borovnica
- 1986-1989 NIR 86NO33 – The hospital room as the basic hospital bed cell (1986-1989)**  
Leader: M. Lukić  
**NIR 102/1 “Spatial and urban planning and programming”**  
Eur. project no: Macroproject RZNS, T-165 RZN  
Implementation period: 1986-1990  
Leader: M. Kojović  
Subproject leaders: N. Milašin, N. Spasić, Đ. Simonović, M. Bursać, D. Dabić  
NIO research implemented by: Faculty of Architecture, IAUS, Bor Copper Institute, JUGINUS
- 1986-1990 “Complex research for the purpose of planning the long-term development, networking and revitalization of space in the impact zones of large mining and industrial systems in the area of FR Serbia” (14 subprojects)**  
Eur. project no: T-167, RZN  
Implementation period: 1986-1990  
Leaders: D. Perišić, N. Spasić  
Subproject leaders: M. Simonović, N. Đajić, M. Jovanović, M. Janić, J. Simić, V. Vujošević, M. Grigorov, K. Petovar, M. Manojlović, N. Spasić, Lj. Kuzović, D. Radošević, L. Jovanović, R. Redžić, M. Janković, N. Pejović, N. Manojlović, J. Nešković, S. Prodanović, T. Pletilić, D.V. Serap, D. Perišić  
NIO research implemented by: IAUS, JUGINUS, Faculty of natural sciences and mathematics, the Faculty of Mining and Geology, Jaroslav Černi Institute for the Development of Water Resources, the Institute for Roads, The Republic Institute for the conservation of nature in FR Serbia  
Users of the results: Republic of Serbia, Elektroprivreda Serbia PLC, PD RB Kolubara, REIS Kostolac  
**Industrial residential construction in conditions of economic stabilization**  
Eur. project no: T-161 RZN  
Implementation period: 1986-1990  
Leader: B. Petrović  
NIO research implemented by: IAUS, Faculty of Architecture and the Faculty of Civil Engineering, the University of Belgrade, the Institute for testing materials (IMS), SANU  
Users of the results: Republic of Serbia  
**The Improvement of housing and residential facilities**  
Eur. project no: T-162, RZN  
Implementation period: 1986-1990  
Leader: D. Milenković  
NIO research implemented by: IAUS, Faculty of Architecture at the University of Belgrade, JUGINUS  
Users of the results: Republic of Serbia
- 1987 NIR 87NO51/OA – The conditions and technical norms for the design and construction of residential buildings with elements of individual housing**  
Leader: M. Lukić

- 1989 The Improvement of housing and residential facilities**  
 Leader: N. Borovnica  
 Eur. project no: Macroproject T-162, 13 subthemes  
 NIO research implemented by: IAUS, the Faculty of Architecture at the University of Belgrade, JUGINUS, IMS Belgrade  
**The unique organization and arrangement of villages and village districts in Serbia: the example of Lešnice (near Loznica)** Leader: D. Tošković
- 1994-1997 Spatial planning for more balanced regional development, environmental protection and the development of tourism**  
 Eur. project no: S.5.01.57.161, MNT  
 Implementation period: 1994-1997  
 Leader: D. Joksić  
 NIO research implemented by: Faculty of Civil Engineering, IAUS, Faculty of Geography, Faculty of Architecture, Užice Scientific Research Centre
- 1995-2000 Fundamental and applied research significant for the development of new and renewed energy sources. Low-temperature thermal energy**  
 Implementation period: 1995-2000  
 Leader: M. Pucar  
**Research into the rationalization and substitution of energy with new renewable energy sources**  
 Implementation period: 1995-2000  
 Leader: M. Pucar
- 1996-2000 The rational use of resources and potential space – starting points for Serbia's sustainable development strategy**  
 Eur. project no: 09T10PT2, MNT RS  
 Implementation period: 1996-2000  
 Leader: N. Spasić  
 Subproject leaders: N. Spasić, K. Petovar, N. Borovnica, S. Zeković, D. Joksić  
 Client: The Ministry for Science and Technological Development  
 NIO project coordinator: IAUS  
 NIO research implemented by: IAUS, Faculty of Architecture at the University of Belgrade, Faculty of Civil Engineering at the University of Belgrade, IAUS, the Institute for agricultural economics  
 User of the results: Republic of Serbia  
**The reconstruction and renewal of Serbian cities**  
 Eur. project no: 09T11, MNT  
 Implementation period: 1996-2000  
 Leader: B. Stojkov  
 Client: The Ministry for Science and Technological Development  
 NIO research implemented by: Faculty of Technical Sciences, Faculty of Civil Engineering, IAUS  
 Users of the results: Ministry of Capital Investment RS, Valjevo Directorate for Urbanism PLC, Construction Land, Roads and Construction, Kragujevac Directorate for Urbanism and construction PLC, Bor Directorate for construction PLC, Ministry of Trade, Tourism and Services RS, Brus Directorate for construction land, planning and construction PLC  
**The improvement and development of housing in Serbia**  
 Eur. project no: 09T09, MNT  
 Implementation period: 1996-2000  
 Leader: N. Kurtović-Folić

Subproject leaders: M. Čanak, N. Borovnica, K. Petovar, V. Macura

NIO research implemented by: Faculty of Architecture Belgrade, Faculty of Civil Engineering Niš, IAUS, IMS, Faculty of Forestry Belgrade

User of the results: Republic of Serbia

**NIR 96 – Research and development concepts of the theoretical positions for methods and experimental reconstruction projects from 1950 to 1980, with improvements in their environmental status and architectural and urban quality to the level of international standards**

Coordinators: Faculty of Architecture at the University of Belgrade - A. Krstić, IAUS - N. Spasić and M. Čanak, Serbian Union of Architects - S. Dragović, Russian Academy of Architecture and Construction Sciences in Moscow - V.N. Belousov (protocol on international scientific and technical cooperation)

**1998- 1999 Increasing energy efficiency and greenhouse insolation in agriculture and horticulture**

An innovation project funded by the Ministry of Science and Technology

Agreement no. I.2.1972, for the period 1998/1999

Leader: M. Pucar

**1998-2000 Managing spatial development in Serbia**

Eur. project no: S.5.31.63.0114

Implementation period: 1998-2000

Leader: M. Bajić Brković

Subproject leaders: M. Bajić Brković, N. Spasić, B. Stojanović, B. Đorđević, D. Perišić, D. Joksić, M. Bursać

Client: Ministry of Science and Technology

NIO research implemented by: the Faculty of Architecture, Faculty of Civil Engineering Belgrade, J. Cvijić Geographical Institute, IAUS

User of the research: Republic of Serbia

**2000-2004 The development, spatial arrangement and use of the main infrastructure corridors in Serbia**

Eur. project no: SGR.4.12.0225.A. MNT

Implementation period: 2000-2004

Leader: N. Spasić

Subproject leaders: N. Spasić, R. Malobabić, O. Dželebdžić

Client: Ministry of Science and Environmental Protection

NIO project coordinator: IAUS

NIO research implemented by: IAUS, Faculty of Architecture at the University of Belgrade, Faculty of Civil Engineering at the University of Belgrade

Users of the results: JUGINUS, Kragujevac Directorate for Urbanism and Construction PLC, Republic Directorate for Roads

**2001-2003 Increasing the use of solar energy in photovoltaic panels and solar collectors**

Development and testing of a new type of solar collector using the reflection of solar radiation on plastic or glass greenhouses with controlled conditions for growing plants

Eur. project no: ETP.6.05.0294.B

Implementation period: 2001-2003

Leaders: A. Despić, M. Pucar

NIO research implemented by: SANU Institute of Technical Sciences, Department of Electrochemistry and energy, IAUS

User of the results: Nisal Niš

- 2002-2004 The sustainable development of Serbian mountain areas**  
 Eur. project no: SGR4.13.0220.A.  
 Implementation period: 2002-2004  
 Leader: R. Malobabić  
 Subproject leaders: M. Pucar, S. Milijić, D. Dabić, R. Malobabić  
 Client: Ministry for Science and Environmental Protection  
 NIO coordinator and implementer: IAUS  
 User/participant: Republic of Serbia
- 2002-2005 Planning and managing sustainable development during the transition to a market economy – institutional adjustment to EU practices and standards**  
 Eur. project no: 1383, MNTR  
 Implementation period: 2002-2004  
 Leader: M. Vujošević; Client: Ministry for Science and Environmental Protection  
 NIO research implemented by: Institute of Economics, Faculty of Economics at the University of Belgrade, IAUS
- 2003- 2006 ESTIA - SPOSE**  
**European Space-Territorial Indicators and Actions for a Spatial Planning Observatory Platform in South-Eastern Europe**  
 Eur. project no: 3B036, 10/2003- 03/2006, as part of INTERREG III B CADSES  
 National coordinator for Serbia and Montenegro: M. Vujošević  
**PLANET CENSE - Planners**  
**NET works for CENTral and South - Eastern Europe**  
 Eur. project no: 3B077, 11/2003-10/2006 as part of INTERREG III B CADSES, Neighbourhood Programme 2000-2006  
 Coordinator at IAUS: M. Vujošević
- 2004-2005 The development and testing of flat solar energy receivers for heat conversion as part of the National Energy Efficiency Programme**  
 Eur. project no: EE707-1017B (II 2004 - I 2005)  
 Leaders: A. Despić, M. Pucar  
 NIO research implemented by: IAUS, SANU Institute for Technical Sciences  
 First stage: The development and testing of a new type of solar convertor using reflected solar radiation  
 Second stage: Low-temperature thermal energy; increasing greenhouse energy efficiency; greenhouse with controlled growing conditions for growing plants  
 User of the results: Nisal Niš  
 15 patents filed with the Federal Intellectual Property Office, developed and protected during work on this project and the project **Increasing the use of solar energy in photovoltaic panels and solar collectors** ETP.6.05.0294.B, 2001-2003  
 Patent authors: M. Pucar, A. Despić and Lj. Pucar
- 2005-2007 Sustainable spatial development for Serbian towns**  
 Eur. project no: TR 6500A  
 Implementation period: 2005-2007  
 Leader: N. Spasić  
 Subproject leaders: M. Vujošević, N. Spasić, M. Nikolić, D. Dabić, I. Marić, M. Maksin-Mičić, S. Milijić, M. Pucar, M. Bajić Brković, D. Bazik, S. Zeković, O. Dželebdžić  
 Client: Ministry for Science and Environmental Protection  
 NIO research implemented by: IAUS, Faculty of Architecture at the University of Belgrade and the Faculty of Civil Engineering at the University of Belgrade

Users of the results: Municipality of Valjevo (Valjevo Directorate for urbanism, construction land, roads and construction PLC), Municipality of Bor (Bor Directorate for construction PLC), Municipality of Brus (Brus Directorate for construction land, planning and construction)

#### **Strategic environmental assessment methods in the spatial development planning of lignite basins**

Eur. project no: TP-6501A, MHP

Implementation period: 2005-2007

Leader: B. Stojanović

NIO research implemented by: Faculty of Architecture at the University of Belgrade, IAUS

User of the results: Elektroprivreda Serbia PLC

#### **2005-2010 Theoretical and methodological basis for a new generation of sustainable development documents in Serbia and Montenegro: alignment with new European and regional documents**

Eur. project no: 149024D

Implementation time: 2005-2010

Leader of the first cycle: M. Vujošević

Leader of the second cycle: M. Filipović

NIO coordinator: Faculty of Economics at the University of Belgrade

NIO research implemented by: Faculty of Economics at the University of Belgrade, IAUS, Faculty of Economics in Niš, Faculty of Agriculture in Novi Sad, Belgrade Banking Academy – Faculty of Banking, Insurance and Finance, Union University in Belgrade

User of the results: Republic of Serbia

#### **2008- 2010 Approach and concept for developing the spatial development strategy for Serbia**

Eur. project no: TR 16013

Implementation period: 2008-2010

Leader: M. Vujošević

Client: Ministry of Science and Technological Development

NIO coordinator: IAUS

NIO research implemented by: IAUS, Faculty of Architecture at the University of Belgrade, Faculty of Civil Engineering at the University of Belgrade, Faculty of Economics at the University of Belgrade, Faculty of Agriculture at the University of Novi Sad, Faculty of Tourism and Hospitality Management at Singidunum University, Belgrade

Users of the results: Ministry of the Economy and Regional Development, Provincial Secretariat for Architecture, Urban Planning and Construction, Republic Institute for Development, Republic Spatial Planning Agency

#### **Sustainable development in spas and other tourist settlements in Serbia**

Eur. project no: TR 16007

Implementation period: 2008-2010

Leader: M. Pucar

Subproject leaders: M. Pucar, I. Marić, S. Milijić, B. Bajat

Client: Ministry of Science and Technological Development

NIO coordinator: IAUS

NIO research implemented by: IAUS, Faculty of Architecture at the University of Belgrade, Faculty of Civil Engineering at the University of Belgrade, Faculty of Transport and Traffic Engineering – the Institute of Transportation at the University of Belgrade

Users of the results/participants: Valjevo Directorate for urbanism, construction land and construction PLC, Republic of Serbia Merkur Special hospital for treatment and rehabilitation, Vrnjačka banja, Banja Kanjiža Institute for Specialized Rehabilitation, Energy Efficiency Agency of the Republic of Serbia, Ministry of the

Economy and Regional Development, Republic Spatial Planning Agency, Institute for Urban Planning of Vojvodina PLC, Novi Sad

**Spatial, social and environmental aspects of development in large mining basins**

Eur. project no: TR 16008

Implementation period: 2008-2010

Leader: N. Spasić

Subproject leaders: N. Spasić, K. Petovar, B. Stojanović

Client: Ministry of Science and Technological Development

NIO coordinator: IAUS

NIO research implemented by: IAUS, Faculty of Architecture at the University of Belgrade, the Jaroslav Černi Institute for the Development of Water Resources in Belgrade

Users: EPS PLC, RB Kolubara Ltd

**2011-2019 Spatial, ecological, energy and social aspects of settlement development and climate change – mutual influences**

Eur. project no: TR 36035

Implementation period: 2011-2019

Leader: M. Pucar

Subproject leaders: M. Bajić Brković, I. Marić, K. Lalović, M. Pucar, B. Josimović, M. Devetaković, D. Protić

Client: Ministry of Education, Science and Technological Development

NIO coordinator: IAUS

NIO research implemented by: Faculty of Architecture at the University of Belgrade, Faculty of Civil Engineering at the University of Belgrade, Faculty of Electrical Engineering at the University of Belgrade, IAUS, Faculty of Science and Mathematics at the University of Niš, SANU Institute of Technical Sciences

**Sustainable spatial development of the Danube region in Serbia**

Eur. project no: TR 36036

Implementation period: 2011-2019

Leader: S. Milijić

Subproject leaders: M. Maksin, S. Milijić, I. Marić, B. Manić, N. Krunic, M. Nenković-Riznić

Client: Ministry of Education, Science and Technological Development

NIO coordinator: IAUS

NIO research implemented by: IAUS, Faculty of Architecture at the University of Belgrade, Military Academy, Faculty of Civil Engineering at the University of Belgrade, Singidunum University in Belgrade

**The role and implementation of the national spatial plan and regional development documents in the renewal of strategic research, opinion and management in Serbia**

Eur. project no: III 47014

Implementation period: 2011-2019

Leader: J. Petrić

Subproject leaders: M. Vujošević, M. Hadžić, S. Zeković, J. Petrić, B. Bajat

Client: Ministry of Education, Science and Technological Development

NIO coordinator: IAUS

NIO research implemented by: IAUS, Faculty of Architecture at the University of Belgrade, Faculty of Geography at the University of Belgrade, Faculty of Civil Engineering at the University of Belgrade, Singidunum University in Belgrade

**2011-2016 TURaS - Transitioning towards Urban Resilience and Sustainability**

Eur. project no: 282834 as part of FP7-ENV-2011.2.1.5-1 on the theme of Sustainable and Resilient Green Cities

Implementation time: 01/10/2011-30/09/2016

Leading project partner: University College Dublin, National University of Ireland, Dublin, Ireland

Project leader: M. Collier

Project leader at the institute: M. Vujošević

Project participants at the institute: M. Vujošević, J. Petrić, S. Zeković, N. Krunic, T. Maričić, T. Bajić

Client: European Commission

Project participants: University College Dublin, National University of Ireland, Dublin, Ireland (Coordinator); University of East London, London, United Kingdom; Vereniging voor christelijk hoger onderwijs wetenschappelijk onderzoek en patientenzorg, Amsterdam, Netherlands; IAUS, Beograd, Serbia; Aalborg Universitet, Aalborg, Denmark; Universitaet Stuttgart, Stuttgart, Germany; Varna Free University, Varna, Bulgaria; Univerza v Ljubljani, Ljubljana, Slovenia; Universita degli Studi di Roma La Sapienza, Roma, Italy; Institut Bruxellois pour la Gestion de l'Environnement, Bruxelles, Belgium; Dublin City Council, Wood Quay Civic Offices, Ireland; London Borough of Barking and Dagenham, Dagenham, United Kingdom; Barking Riverside Ltd, Newcastle Upon Tyne, United Kingdom; Roma Capitale 10° Dipartimento Tutela Ambientale e del Verde - Protezione Civile, Roma, Italy; NDE Consultants Ltd, Nottingham, United Kingdom; Sevilla Global S.a, Sevilla, Spain; Gemeente Rotterdam, Rotterdam, Netherlands; Verband Region Stuttgart, Stuttgart, Germany; Regional Development Agency - Ljubljanske urbane regije Zavod, Ljubljana, Slovenia; Municipality of Sofia, Sofia, Bulgaria; Dermot Foley Landscape Architects Ltd, Dublin, Ireland; BioAzul, Campanillas, Spain; Institute for Sustainability, London, United Kingdom; BIC Lazio S.p.a, Roma, Italy; European Business and Innovation Centre Network, Brussels, Belgium; Climate Alliance - Klima-Buendnis - Alianza del Clima e.V, Frankfurt am Main, Germany; Pracsis SPRL, Bruxelles, Belgium; Helix Pflanzen GMBH, Kornwestheim, Germany

**2015-2018 Support for the Process of Urban Development in Serbia – SPUDS**

Eur. project no: 160503 as part of SCOPES “Scientific co-operation between Eastern Europe and Switzerland” (SNSF - SDC) 2013-2016 Institutional Partnership programme

Implementation period: 2015-2018

Partners: The Cooperation & Development Centre (CODEV) of the École polytechnique fédérale de Lausanne (EPFL), in cooperation with IAUS

Project leader: J-C. Bolay

Project leader at the institute: T. Maričić

Project participants at the institute: T. Maričić, S. Zeković, M. Vujošević, T. Bajić, J. Živanović Miljković, B. Manić

**2016-2018 Learning economies. Modelling community-led local development for the sustainable economic trajectories of the Negotin and Zlatibor regions**

Executive Programme for Scientific and Technological Cooperation Between the Italian Republic and the Republic of Serbia 2016-2018

Implementation period: 2016-2018

Leading project partner: Di Vittorio Foundation, Italy

Project leader: E. Battaglini

Project leader in Serbia: J. Živković

Project participants from the institute: M. Nenković-Riznić, N. Krunic

Project participants: Fondazione Di Vittorio, Italy; University of Belgrade - Faculty of Architecture, Serbia; University of Rome La Sapienza - Faculty of Architecture, Italy; University of Sassari - Alghero School of Architecture, Italy; University of Belgrade – Faculty of Philosophy, Serbia; Institute of Architecture and Urban & Spatial Planning of Serbia (IAUS), Serbia

**2016-2020 NoAW: No Agricultural-Waste: Innovative approaches to turning agricultural waste into ecological and economic assets**

Financed by the European Union Horizon 2020 programme for research and innovation as part of agreement no. 688338

Implementation period: 01/10/2016-30/09/2020 (48 months)

Leading project partner: Institut national de la recherche agronomique (INRA), Montpellier, France

Project leader: N. Gontard

Project leader at the institute: B. Josimović

Project participants at the institute: B. Josimović, M. Nenković-Riznić, N. Krunić, S. Milijić, J. Petrić, A. Gajić

Client: European Commission

Project participants: Institut national de la recherche agronomique (INRA), France; Innoven SRL (INNOVEN), Italy; SP Sveriges Tekniska Forskningsinstitut AB, Sweden; Universita degli Studi di Roma La Sapienza (UNIROMA), Italy; Schiessl Peter (SCHIESSL), Germany; Alma Mater Studiorum - Universita di Bologna (UNIBO), Italy; Danmarks Tekniske Universitet (DTU), Denmark; IAUS, Serbia; Campden BRI Magyarorszag Nonprofit Korlatolt Felelossegu Tarsasag (CBHU) KFT, Hungary; Instituto de Biologia Experimental e Tecnologica (IBET), Portugal; Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V. (FRAUNHOFER), Germany; Institut Francais de la Vigne et du Vin (IFV), France; National Technical University of Athens (NTUA), Greece; Universite de Montpellier (UM), France; Grap'Sud societe Cooperative Agricole (GRAPSUD), France; IBBK Fachgruppe Biogas GmbH (IBBK ), Germany; Aalborg Universitet (AAU), Denmark; Sofies SA (SOFIES), Switzerland; Stichting Dienst Landbouwkundig Onderzoek (DLO-FBR), The Netherlands; Confederazione Generale dell'Agricoltura Italiana (GCIA), Italy; ECOZEPT GbR (ECOZ), Germany; Agriport A7 B.V, The Netherlands; Industrial Technology Research Institute Incorporated (ITRI), Taiwan; City University of Hong Kong (SEE), Hong Kong; Sun Yat-sen University (SYSU), NR China; Institute of Agro-Products Processing Science and Technology, Chinese Academy of Agricultural Sciences (IAPPST), NR China; Inra Transfert S.A. (IT), France; Vinarija Aleksandrovic doo, Vinca (VA), Serbia; Vermicon Aktiengesellschaft (VERMI), Germany; BioVantage.dk ApS (BV), Denmark; Ningbo Tianan Biologic Material Co. Ltd. (TIA), NR China; Association Pour l'Environnement et la Securite en Aquitaine (APESA), France

**2017-2019 Attractive Danube: Improving capacities for enhancing the territorial attractiveness of the Danube Region**

Financed by the Interreg Danube Transnational Programme

Eur. project no: DTP1-1-270-4.1

Implementation period: 01/01/2017- 30/06/2019

Leading project partner: Geodetic Institute of Slovenia, Ljubljana, Slovenia

Project leader: B. Barborič

Project leader at the institute: N. Krunić

Project participants at the institute: N. Krunić, M. Maksin, M. Nenković-Riznić, O. Dželebdžić, N. Stefanović, J. Petrić, A. Gajić, D. Srnić, B. Brankov, B. Manić, S. Milijić, M. Nenić, S. Simonović Alfirević, T. Bajić, A. Niković, O. Bakić, T. Crnčević, M. Vujošević

Financed by: EU Fund (EFRR, IPA)

Project participants:

Geodetic Institute of Slovenia, Slovenia; URBASOFIA, Town and regional planning company, Romania; Bulgaria Economic Forum, Bulgaria; Institute for Spatial Planning of the Koprivnica-Križevci County, Croatia; CENIA, Czech Environmental Information Agency, Czech Republic; Lechner Non-profit Ltd., Hungary; First Hungarian Responsible Innovation Association, Hungary; Technical University of Kosice, Slovakia; aiforia GmbH, Germany; Federal Ministry of Physical Planning, Bosnia and Herzegovina; Institute for Strategic Studies and Prognoses, Montenegro; Institute of Architecture and Urban & Spatial Planning of Serbia, Serbia; The City of Đurđevac, Croatia (associated partner); Eret - Emilia-Romagna economic valorization of territory, Italy (associated partner); Statistical Office of the Republic of Slovenia, Slovenia (associated partner); Ministry of Infrastructure, Croatia (associated partner); Ministry of the Environment and Spatial Planning, Slovenia (associated partner); Košice Self-governing Region (associated partner); EU Strategy for the Danube Region Priority Area 10 Institutional Capacity and Cooperation (associated partner)

**2018-2019 CLEVER – Co-designing smart Local solutions for Exploiting Values and Enhancing Resilience**

Financed by Seed Money Facility Interreg Danube Transnational Programme

Eur. project no: DTP-SMF1-187

Implementation period: 03/09/2018-31/08/2019

Leading project partner: Municipiul Baia Mare Romania, Baja Mare, Romania

Project leader: C. Chereches

Project leader at the institute: B. Manić

Project participants at the institute: B. Manić, N. Čolić, A. Niković, N. Krunić, B. Brankov

Financed by: European Union Fund (IPA II)

Project participants:

Baia Mare Municipality, Romania; Institute of Architecture and Urban & Spatial Planning of Serbia, Serbia; Development Agency North, Croatia; Trilogis SRL, Italy (associated partner)

**2018-2021 ConnectGreen: Restoring and managing ecological corridors in mountains as the green infrastructure in the Danube**

The project is financed by the Interreg Danube Transnational Programme

Eur. project no: DTP 072-2.3

Implementation period: 01/06/2018-31/05/2021

Leading partner in the project: WWF Danube-Carpathian Programme Romania (WWF RO), Romania

Project leader: C.R.Papp

Project leader at the institute: M. Nenković-Riznić

Project participants from the institute: M. Nenković-Riznić, M. Maksin, N. Krunić, S. Simonović Alfirević, N. Danilović Hristić, A. Gajić, B. Brankov, M. Nenić

Project participants:

WWF DCP Romania, Romania; WWF International Danube-Carpathian Programme, Austria; Nature Conservation Agency of the Czech Republic, Czech Republic; Silva Tarouca Research Institute for Landscape and Ornamental Gardening, Czech Republic; Szent Istvan University, Hungary; National Institute for Research and Development in Construction, Urban Planning and Sustainable Spatial Development, Romania; Piatra Craiului National Park Administration, Romania; Slovak Environment Agency, Slovakia; The State Nature Conservancy of the Slovak Republic, Slovakia; Slovak University of Technology in Bratislava - SPECTRA Centre of Excellence of EU, Slovakia; CEEweb for biodiversity, Hungary; Institute of Architecture and Urban & Spatial Planning of Serbia, Serbia; National Park Djerdap, Serbia; Ministry of the Environment of the Czech Republic, Czech Republic (associated partner); Ministry of Regional Development of the Czech Republic, Czech Republic (associated partner); Bükk National Park Directorate, Hungary (Associated partner); Ministry of the Environment of Romania, Romania (associated partner); Ministry of Agriculture and Environmental Protection of the Republic of Serbia, Serbia (associated partner); Ministry of Transport and Construction of the Slovak Republic, Slovakia (associated partner); Ministry of Ecology and Natural Resource of Ukraine, Ukraine (Associated partner); Danubeparks – Danube River Network of Protected Areas, Austria (associated partner); Alpine Network of Protected Areas - ALPARC, France (associated partner); Parks Dinarides - Network of protected areas of the Dinarides, Montenegro (associated partner)