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Recent publications 2012-2022

Monographic chapter in the thematic international proceedings

1. Škorić S., Brkljač D., Milinković A., **Krklješ M.** (2016): Interaction between design of public spaces and pedestrian mobility in city branding effort of Novi Sad (Serbia), in *Urban Planning, Public Space & Mobility*, ECTP-CEU Young Planners Workshop 2016, ECTP-CEU (European Council of Spatial Planners - Conseil européen des urbanistes), Brussels, Belgium, pp.84-100, ISBN 978-2-9601363-5-7
2. Hiel K., **Krklješ M.**, Kubet V. (2012): Public Spaces in Front of Theatre Buildings in the Cities of Vojvodina, In: Dinulović R., Krklješ M., Gračanin O. (Ed.) Thematic proceedings: *Theatre Space After 20th Century*, str. 76-99, Department of Architecture and Urbanism, Faculty of Technical Sciences, University of Novi Sad; ISBN 978-86-7892-435-4

Lexicographic unit in a scientific publication of international importance

1. Perović S., Krklješ **M.** (2017). Transdisciplinary Approach to Design of a Total Healing Environment, In: Qudrat-Ullah, H., Tsasis, P. (Ed.): *Innovative Healthcare Systems for the 21st Century*, Edition: Understanding Complex Systems, Chapter: 3, Springer, pp. 71-86, ISBN: 978-3-319-55773-1
2. Perović S., **Krkljes M.** (2015). Planning, In: Odekon, M. (Ed.): *The SAGE Encyclopedia of World Poverty, 2nd Edition*, SAGE Publications, Thousand Oaks, pp.1228-1231, ISBN: 9781483345703

Paper in a prominent international journal

1. Nedučin, Dejana, **Milena Krklješ**, and Svetlana K. Perović.(2021): "Demolition-Based Urban Regeneration from a Post-Socialist Perspective: Case Study of a Neighborhood in Novi Sad, Serbia" *Sustainability* 13, no. 18: 10430. <https://doi.org/10.3390/su131810430>
2. Nedučin D., **Krklješ M.**, Gajić Z. (2019): Post-socialist context of culture-led urban regeneration – Case study of a street in Novi Sad, Serbia, *Cities - The International Journal of Urban Policy and Planning*, 2019, Vol. 85, pp. 72-82, ISSN 0264-2751
3. Peško I., Mučenski V., Šešlija M., Radović N., Vujkov A., Bibić D., **Krklješ M.** (2017): Estimation of Costs and Durations of Construction of Urban Roads Using ANN and SVM, *Complexity*, Hindawi, vol. 2017, pp. 1 - 13, issn: 1076-2787, doi: <https://doi.org/10.1155/2017/2450370>, 2017.
1. Dulić, Olivera, **Krklješ, Milena**, Aladžić, Viktorija (2019), Teaching Design to Civil and Architectural Engineering Students – a Diagram-Based Approach, *INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION*, TEMPUS PUBLICATIONS, 35, 4, pp. 1141 - 1156, 0949-149X

2. Neducin Dejana, Skoric Marko, **Krkljes Milena (2019)**, Post-socialist Development and Rehabilitation of Large Housing Estates in Central and Eastern Europe: A Review, *Tehnicki Vjesnik-Technical Gazette, UNIV OSIJEK, TECH FAC*, 26, 6, pp. 1853 - 1860, 1330-3651, 10.17559/TV-20181015174733, Nov2019.
3. Shahrhan A., Reba D., **Milena Krklješ (2017)**: Thermal Comfort, Adaptability and Sustainability of Vernacular Single Family Houses in Libya, *Tehnički vjesnik/Technical Gazette* Vol. 24/No. 6, pp. 1959-1968, ISSN 1330-3651, Online: ISSN 1848-6339, <https://doi.org/10.17559/TV-20160412221515>
4. **Krklješ M.**, Jevtić M. (2012): Playgrounds in Novi Sad (Serbia) and their influences on children's health and development, *HealthMED*, Vol. 6, No. 3, DRUNPP, pp. 864-874, ISSN: 1840-2991, IF(2011) = 0.435

Paper in an international journal

1. Nedučin, D., **Krklješ, M.** (2017): POST-SOCIALISM AND URBAN TRANSITION: TRANSFORMING THE SOCIALIST CITY, *Facta Universitatis, series Architecture and civil engineering*, Vol. 15, No 3, ISSN 0354-4605 (Print), ISSN 2406-0860 (Online), University of Niš, pp. 347-357
2. Brkljač D., Milinković A., **Krklješ M.** (2016): Urban Space as an Image of the Socio-Economic Context in Contemporary Cities, *Facta Universitatis - series: Architecture and Civil Engineering*, Vol. 14, No. 2, University of Nis, ISSN: 0354-4605, UDK 725.51(045)=111, pp. 181-189
3. **Krklješ M.**, Nedučin D. (2016): Public Spaces for Children in a Post-Socialist City, *South East European Journal of Architecture and Design*, Vol. 2016, art. ID 10012, pp. 1-5, ISSN 1857-9353

Paper presented at the international meeting printed in the book of proceedings

1. Dulić O., **Krklješ M.** (2018): A note on the role of drawings in architectural design and education. Proceedings of 6th International conference "Contemporary Achievements in Civil Engineering 2018", Subotica: University of Novi Sad, Faculty of Civil Engineering Subotica, 2018, pp. 595-603. DOI: 10.14415/konferencijaGFS2018.059
2. Abdrahman Shahrhan, Khaled Almayouf, Darko Reba, **Milena Krklješ (2018)**: Islamic Architecture between authenticity and the modernism; Conference Proceedings - 14th International Scientific Conference iNDiS 2018: Planning, Design, Construction and Building Renewal in Civil Engineering, Department of Civil Engineering and Geodesy, Department of Architecture and Urban Planning, Faculty of Technical Sciences, University of Novi Sad, Novi Sad, Serbia, 21th-23rd November, 2018, pp. 741-746, ISBN 978-86-6022-105-8
3. Škorić S., **Krklješ M.**, Milinković A., Brkljač D. (2018): Application of Visibility Graph Analysis in Reassessment of Public Spaces: Case Study of Catholic Port Square in Novi Sad, Conference Proceedings - 14th International Scientific Conference iNDiS 2018: Planning, Design, Construction and Building Renewal in Civil Engineering, Department of Civil Engineering and Geodesy, Department of Architecture and Urban Planning, Faculty of Technical Sciences, University of Novi Sad, Novi Sad, Serbia, 21th-23rd November, 2018, pp. 747-753, ISBN 978-86-6022-105-8
4. Škorić S., **Krklješ M.**, Milinković A., Brkljač D. (2018): In-between Public Spaces of Post-socialist Neighbourhoods: Case Study of Liman 3 in Novi Sad, Conference Proceedings - 6th International

Conference Contemporary Achievements in Civil Engineering 2018, Faculty of Civil Engineering Subotica, University of Novi Sad, Subotica, Serbia, 20th April 2018, pp. 469-477, ISBN 978-86-80297-73-6

5. **Krklješ, M.**, Perović, S. and Nedučin, D. (2018): The Role of Playground Design in Preschool Institutions for Proper Child Development. Proceedings of the 14th International Scientific Conference on Planning, Design, Construction and Renewal in Civil Engineering – iNDiS 2018. Faculty of Technical Sciences, University of Novi Sad, 21-23 November 2018, Novi Sad. Novi Sad: Faculty of Technical Sciences, pp. 693-700, ISBN 978-86-6022-105-8.
6. **Krklješ, M.** and Nedučin, D. (2018): Geometry of Buildings for Preschool Institutions in Vojvodina, Serbia. Proceedings of the 6th International Conference on Geometry and Graphics - MONGEOMETRIJA 2018. Faculty of Technical Sciences, University of Novi Sad, June 6-9, 2018, Novi Sad, pp. 204-211, Novi Sad: Faculty of Technical Sciences. ISBN 978-86-6022-055-6.
7. Milinković A., Škorić S., **Krklješ M.**, Brkljač D. (2017): *Residential Towers as Benchmarks of Liman District in Novi Sad*, Proceedings of 5th International Conference Contemporary Achievements in Civil Engineering, University of Novi Sad and Faculty of Civil Engineering Subotica, 22. April 2017, pp. 775-782, ISBN: 978-86-80297-68-2
8. Škorić S., **Krklješ M.**, Milinković A., Brkljač D. (2017): *Valorisation of the Urban Blocks' Interior Spaces as Sites for Social Activities in the "Old Town" of Novi Sad*, Proceedings of 5th International Conference Contemporary Achievements in Civil Engineering, University of Novi Sad and Faculty of Civil Engineering Subotica, 22. April 2017, pp. 783-791, ISBN: 978-86-80297-68-2
9. Škorić S., **Krklješ M.**, Milinković A., Brkljač D. (2016): *Liberation boulevard's structure and identity impact on pedestrian activities*, 4th međunarodni skup Savremena dostignuća u građevinarstvu Subotica, University of Novi Sad and Faculty of Civil Engineering Subotica, 22. April 2016, pp. 769-778, ISBN: 978-86-80297-63-7
10. Nedučin D., **Krklješ M.** (2016): *Transition and the city: Transformation of urban structure during the post-socialist period*, 3rd International Academic Conference on Places and Technologies, University of Belgrade – Faculty of Architecture, 14-15. April 2016, pp. 389-394, ISBN: 978-86-7924-161-0
11. Škorić S., **Krklješ M.**, Brkljač D., Milinković A. (2016): *The Image, transformations and permanence of Republic Square*, 3rd International Academic Conference on Places and Technologies, University of Belgrade – Faculty of Architecture, 14-15. April 2016, pp. 473-480, ISBN: 978-86-7924-161-0
12. Brkljač D., **Krklješ M.**, Milinković A., Škorić S. (2016): *Illumination of facades of public buildings in Novi Sad and its impact on spatial perception*, 3rd International Academic Conference on Places and Technologies, University of Belgrade – Faculty of Architecture, 14-15. April 2016, pp. 507-514, ISBN: 978-86-7924-161-0
13. **Krklješ M.**, Brkljač D., Škorić S., Milinković A. (2015): *Children's Spatial Perception – Design of Playgrounds*, 13th International Scientific Conference INDiS, University of Novi Sad, Faculty of Technical Sciences, Department of Civil Engineering and Geodesy, 25-27 November 2015, pp. 500-505, ISBN 978-86-7892-750-8

14. Škorić S., **Krklješ M.** (2015): *Reclaim of the City's Bustling Public Life in Catholic Port Square*, 13th International Scientific Conference INDIS, University of Novi Sad, Faculty of Technical Sciences, Department of Civil Engineering and Geodesy, 25-27 November 2015, pp. 556-563, ISBN 978-86-7892-750-8
15. **Krklješ M.**, Nedučin D. (2015): *Scenic Spaces of Post-socialist Cities*, International Interdisciplinary Scientific Conference Radical Space in Between Disciplines, Department of Architecture and Urbanism, Faculty of Technical Sciences, Novi Sad, 21-23. September 2015, pp. 81-88, ISBN: 978-86-7892-755-3
16. Brkljač D., **Krklješ M.**, Milinković A., Škorić S. (2015): *City Interspaces - The Scenic Spaces of Passages in Novi Sad*, International Interdisciplinary Scientific Conference Radical Space in Between Disciplines, Department of Architecture and Urbanism, Faculty of Technical Sciences, Novi Sad, 21-23. September 2015, pp. 123-130, ISBN: 978-86-7892-755-3
17. Milinković A., **Krklješ M.**, Brkljač D., Škorić S. (2015): *Image of the City as a Reflection of Advertising in a Consumer Society – A Case Study of Novi Sad*, 1st International Scientific Conference: Revisions of Modern Aesthetics, University Belgrade – Faculty of Architecture and Society for Aesthetics of Architecture and Visual Arts, 26-28. June 2015, pp. 615-627, ISBN 978-86-7924-144-3
18. Brkljač D., **Krklješ M.**, Milinković A. (2015): *Changes of Lifestyles and Meaning of Spaces in New Digital Age*, Going Digital: Innovations in the Contemporary Life, STRAND – Sustainable Urban Society Association, pp. 167-173, ISBN 978-86-89111-08-08
19. Milinković A., **Krklješ M.**, Brkljač D. (2015): *Multifamily Residential Buildings as Urban Landmarks in Novi Sad*, Treći međunarodni skup Savremena dostignuća u građevinarstvu Subotica, University of Novi Sad and Faculty of Civil Engineering Subotica, 24. April 2015, pp. 675-682, ISBN 978-86-80297-62-0
20. Škorić S., **Krklješ M.** (2015): *Revitalization Potential of Public Spaces in the Central Pedestrian Zone of Novi Sad*, Treći međunarodni skup Savremena dostignuća u građevinarstvu Subotica, University of Novi Sad and Faculty of Civil Engineering Subotica, 24. April 2015, pp. 697-703, ISBN 978-86-80297-62-0
21. Olivera Dulić, **Milena Krklješ** (2014): *The Importance of Brownfield Regeneration for Social Community Improvement in Vojvodina (Serbia)*, International academic conference – BROWNINFO, 6th-7th November 2014., Banja Luka-Bosnia and Herzegovina, University of Banja Luka, Faculty of Architecture, Civil Engineering and Geodesy, Banja Luka, 2014., pp. 147-154, ISBN 978-99955-752-4-3
22. Bajšanski I., **Krklješ M.**, Nedučin D., Stojaković V. (2014): *The importance of computer programs implementation during the first year of academic studies in architecture and urbanism*; ICERI2014 Proceedings; 7th International Conference of Education, Research and Innovation; 17-19 November 2014; Seville, Spain; pp. 1596-1601, ISBN: 978-84-617-2484-0; ISSN: 2340-1095
23. **Krkjes M.**, Kubet V., Apostolovic D. (2014): *Rethinking Housing Heritage from the 20th Century in the Context of Contemporary Housing Models of the "Creative Class" in Serbia*, International Symposium: Programs and Projects to Recover Cohousing Heritage Buildings, Università Roma Tre, 24th October 2014., pp. 86-91, ISBN 978-884674068-7

24. Boskovic R., **Krklješ M.** (2014): *SCENTEC project – Development and Implementation of Courses for Theatre Technicians and Stage Managers*, International Conference Theater Technology Education and Curriculum, 9-12 April 2014, OISTAT, pp. 1-7
25. **Krklješ M.**, Apostolović D., Milinković A. (2014): *Elements of identity and unused potentials of central zone in Novi Sad*, 1st International academic conference – PLACES AND TECHNOLOGIES 2014, University of Belgrade-Faculty of Architecture, Professional Association Urban Laboratory and University of Belgrade-Faculty of Philosophy, Belgrade-Serbia, 3rd – 4th April 2014, pp. 408-415, ISBN 978-86-7924-114-6
26. Olivera Dulić, **Milena Krklješ** (2014): *Brownfield Redevelopment as a Strategy for Preventing Urban Sprawl*, 5th International Conference GNP 2014 Civil Engineering – Science and Practice, Faculty of Civil Engineering, University of Montenegro, 17–21. February 2014, Žabljak, pp. 1371-1378, ISBN 978-86-82707-23-3
27. I. Bajšanski, **M. Krklješ**, D. Nedučin, V. Stojaković (2013): *Integrative Approach to Learning in Fundamental and Disciplinary Courses in the Field of Architecture*, 6th International Conference of Education, Research and Innovation – ICERI2013, 18-20 novembar 2013, Seville, Španija, International Academy of Technology, Education and Development (IATED), str. 113-118, ISBN: 978-84-616-3847-5
28. Dulić O., **Krklješ M.** (2013): *Brownfield Sites – Environmental Effects of Their Revitalization*, XVII International ECO-Conference 2013, X Eco-Conference on Environmental protection of Urban and Suburban Settlements, 25-28 September 2013, Novi Sad, Serbia, ISBN:978-86-83177-47-09, str.193-200
29. Apostolović D., Milinković A., **Krklješ M.** (2013): *Role of open public spaces in maintaining urban memory in the city of Novi Sad*, International conference and exhibition „ON ARCHITECTURE“, STRAND-Sustainable Urban Society Association, Belgrade-Serbia, 9th-10th December 2013., str. 209-216, ISBN 978-86-89111-04-0
30. Hiel K., **Krklješ M.**, Kubet V., Bandić A. (2012): *Typologies of Scenic Spaces in Novi Sad*, 1th International Scientific Conference “Scene Design – Between Profession, Art and Ideology”, Department of Architecture and Urbanism, Faculty of Technical Sciences, University of Novi Sad, 15-16. December 2012, pp. 72-79, ISBN 978-86-7892-463-7
31. Bandić A., **Krklješ M.**, Kubet V., Hiel K. (2012): *Perception of Urban Matrix Overlap in Transformed Areas of Novi Sad*, 12th International Scientific Conference INDIS, University of Novi Sad, Faculty of Technical Sciences, Department of Civil Engineering and Geodesy, 28-30 November 2012, pp. 733-740, UDK 721, ISBN 978-86-7892-453-8
32. **Krklješ M.**, Ilić B. (2012): *Contemporary Trends in Kindergarten Design*, 12th International Scientific Conference INDIS, University of Novi Sad, Faculty of Technical Sciences, Department of Civil Engineering and Geodesy, 28-30 November 2012, pp. 852-858, ISBN 978-86-7892-453-8
33. **Krklješ M.**, Kurtović Folić N. (2012): *Influences of Ideology to The Building of Preschool Institutions in Vojvodina Region After the Second World War*, International Conference Architecture and Ideology, Serbia Faculty of Architecture University of Belgrade, Board of Ranko Radović Award, Association of Applied Arts Artists and Designers of Serbia, September 28 – 29, 2012, Belgrade, pp. 581-589, ISBN 978-86-7924-082-8

34. Babić T., Balzam R., **Krklješ M.** (2012): *Constancy and Changes in Architecture Under the Influence of Different Ideologies – A Case Study of the Marshalling Station Complex in Novi Sad*, International Conference Architecture and Ideology, Serbia Faculty of Architecture University of Belgrade, Board of Ranko Radović Award, Association of Applied Arts Artists and Designers of Serbia, September 28 – 29, 2012, Belgrade, pp. 690-698, ISBN 978-86-7924-082-8
35. Bandić A., **Krklješ M.** (2012): *Environmental Aspects of The Housing – A Case Study of Transformed Neighborhood "Grbavica" in Novi Sad*, 4th International Symposium for Students of Doctoral Studies in the Fields of Civil Engineering Architecture and Environmental Protection, University of Nis, Faculty of Civil Engineering and Architecture, September 2012, pp. 12-18, ISBN 978-86-88601-05-4
36. **Krklješ M.**, Kubet V., Bandić A. (2012): *Typological analysis of squares based on their geometric shape – a case study of Novi Sad*, 3rd International Scientific Conference moNGeometrija2012, Faculty of Technical Sciences, Novi Sad, June 21st – 24th 2012, pp. 255-262, ISBN 978-86-7892-405-7
37. Bandić A., **Krklješ M.**, Kubet V. (2012): *Geometric composition of facades of urban landmarks in Novi Sad related to the perception's space*, 3rd International Scientific Conference moNGeometrija2012, Faculty of Technical Sciences, Novi Sad, June 21st – 24th 2012, pp. 471-480, ISBN 978-86-7892-405-7
38. **Krklješ M.**, Hiel K., Bandić A. (2012): *Importance of Landscape Design in Kindergarten's Courtyards – A Case Study of Novi Sad, Serbia*, 1st International Conference BENA "Sustainable Planning and Safe Environment", Istanbul Technical University, Istanbul, 21-24. June 2012, pp. 189-200, ISBN 978-975-561-421-2
39. **Krklješ M.**, Kubet V., Nedučin D. (2012): *Review of Possibilities for Raising the Quality of Children's Playgrounds in the Residential Districts Transformed from Single to Multi-family Housing – A Case Study of Novi Sad, Serbia*, 1st International Scientific Conference: Rethinking Urbanism, Faculty of Architecture, University of Zagreb, 19. May 2012, pp. 61-64, ISBN 978-953-6646-23-4

Chapter in book or in prominent thematic proceedings of leading national importance

1. Milinković A., **Krklješ M.**, Škorić S., Brkljač D. (2019): *Students' Participation In Strengthening The Danube Urban Brand – A Case Study Of Cooperation Between Backa Palanka (Serbia) And Ilok (Croatia)*, In: Participatory Processes In Urban Planning - Technical sciences – Monography (Editors: Milica Kostreš, Henry Hanson), Faculty of Technical Sciences, University of Novi Sad, Novi Sad-Serbia, 2019, pp. 250-273, ISBN 978-86-6022-190-4
2. Stefanović V., **Krklješ M.** (2019): *Public participation as part of urban design processes*, Participatory Processes In: Participatory Processes, In Urban Planning - Technical sciences – Monography (Editors: Milica Kostreš, Henry Hanson), Faculty of Technical Sciences, University of Novi Sad, Novi Sad-Serbia, 2019, pp. 6 - 31, 978-86-6022-190-4
3. **Krklješ M.**, Brkljač D. (2017): *Optimizacija oblikovanja javnih prostora u gradu sa aspekta percepcije korisnika*, u Kurtović Folić N, Krklješ M., ured.: *Tematski zbornik radova: Optimizacija arhitektonskog i urbanističkog planiranja i projektovanja u funkciji održivog razvoja Srbije*, Departman za arhitekturu i urbanizam, Fakultet tehničkih nauka, Novi Sad, pp. 205 - 222, isbn: 978-86-7892-842-0, 2017.

4. Kurtović Folić N., **Krklješ M.**, Sladić M. (2017): Slojevitost problema optimizacije arhitektonskog projektovanja, u Kurtović Folić N., Krklješ M., ured.: Tematski zbornik radova: *Optimizacija arhitektonskog o urbanističkog planiranja i projektovanja u funkciji održivog razvoja Srbije*, Departman za arhitekturu i urbanizam, Fakultet tehničkih nauka, Novi Sad, pp. 3 - 28, isbn: 978-86-7892-842-0, 2017.
5. Škorić S., **Krklješ M.** (2017): Optimizacija dinamičnih parametara javnih prostora grada na primeru analize različitih grupa korisnika trgova centralne zone Novog Sada, u Kurtović Folić N., Krklješ M., ur.: Tematski zbornik radova: *Optimizacija arhitektonskog i urbanističkog planiranja i projektovanja u funkciji održivog razvoja Srbije*, Departman za arhitekturu i urbanizam, Fakultet tehničkih nauka, pp. 269 - 288, isbn: 978-86-7892-842-0, 2017.
6. Kubet Vladimir, **Krklješ Milena** (2015): Heterogeni i homogeni karakteri u dilatabilnom konceptu doma, u Pavle Milenković, Snečana Stojšin, Ana Pajvančić-Cizelj, urednici: Tematski zbornik radova: Društvo i prostor. Epistemologija prostora. Društveni prostor i kultunoistorijska značenja, Filozofski Fakultet Novi Sad, str.33-48, 2015, ISBN 978-86-6065-345-3
7. **Krklješ M.**, Apostolović D. (2014): Urbana struktura kao kontekst spomenika u funkciji očuvanja kolektivnog sećanja, u Kurtović Folić N., urednik: Tematski zbornik radova: *Optimizacija arhitektonskog i urbanističkog planiranja i projektovanja u funkciji održivog razvoja Srbije*, Departman za arhitekturu i urbanizam, Fakultet tehničkih nauka, Novi Sad, 2014., str. 193-210, ISBN 978-86-7892-661-7
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