

Kosa Golić

Associate Professor

Faculty of Construction Management
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EDUCATION

- 2008. PhD in Civil Engineering, Faculty of Civil Engineering, University of Belgrade, Belgrade, Serbia
- 1993. MSc in Civil Engineering, Faculty of Civil Engineering, University of Belgrade, Belgrade, Serbia
- 1985. BSc in Civil Engineering, Faculty of Civil Engineering, University of Belgrade, Belgrade, Serbia

EMPLOYMENT HISTORY

- | | | |
|-------|----------------------------|---|
| 2023. | Associate Professor | Union – Nikola Tesla University
Faculty of Construction Management
Belgrade, Serbia |
| 2013. | Associate Professor | Union – Nikola Tesla University
Faculty of Construction Management
Belgrade, Serbia |
| 2008. | Assistant Professor | Union – Nikola Tesla University
Faculty of Construction Management
Belgrade, Serbia |
| 1995. | Reserch Assistant | Queensland University of Technology, Brisbane, Australia. |
| 1988. | Research Assistant | Cornell University, Ithaca, NY State, USA |
| 1987. | Research Associate | Institut za ispitivanje materijala (IMS), Beograd, Srbija |

MEMBERSHIPS

- 2013. Senior Member of IEDRC (International Economics Development and Research Center), Member NO.: 30080080, <http://www.iedrc.org/list-22->

1.html/

2013. Member of IACSIT (International Association of Computer Science and Information Technology), Member NO.: 80345910, <http://www.iacsit.org>

SELECTED PUBLICATIONS

Kosa Golić, Tatjana Kosić, Vesna Kosorić, „AHP-based model for energy sustainable renovation of building envelopes: A case study”, *Sustainability* 2023, 15(10), 8384, EISSN 2071-1050, Published by MDPI, <https://doi.org/10.3390/su15108384>

Kosa Golić, Tatjana Kosić, Vesna Kosorić, Slavica Stamatović Vučković, Kosara Kujundžić „A Platform of Critical Barriers to Socially Sustainable Residential Buildings: Experts’ Perspective”, *Sustainability* 2023, 15(9), 7485, EISSN 2071-1050, Published by MDPI, <https://doi.org/10.3390/su15097485>

Kosa Golić, Vesna Kosorić, Slavica Stamatović Vučković, Kosara Kujundžić „Strategies for Realization of Socially Sustainable Residential Buildings: Experts’ Perspective”, *Sustainability* 2023, 15(9), 7227, EISSN 2071-1050, Published by MDPI, <https://doi.org/10.3390/su15097227>

Kosa Golić, Vesna Kosorić, Siu-Kit Lau, (2020), „A Framework for Early Stages of Socially Sustainable Renovation of Multifamily Buildings with Occupants’ Participation”, *Sustainability* 2020, 12(21), 8823; EISSN 2071-1050, Published by MDPI, <https://doi.org/10.3390/su12218823>

Invited Speaker (2019) at the „6th International Conference on Advances in Management Sciences (ICAMS 2019, February 13-15, Milan, Italy, Golić Kosa “A Fuzzy Model for Assessing Impacts of Natural Gas Pipeline Systems on Environment“, <http://www.icemi.org/history/Prog-2019.pdf>. Published in Journal of Advanced Management Science, ISSN 2168-0787, Vol. 7, No. 2, June 2019 doi:10.18178/joams.7.2.47-53 <http://www.joams.com/index.php?m=content&c=index&a=show&catid=76&id=475>

Invited Speaker (2019) at the 6th *International Scientific Conference Agribusiness MAK 2019 “EUROPEAN ROAD TO SUCCESS”*, 25-27 January 2019, Kopaonik, R Serbia, Golic Kosa “Application of Artificial Intelligence Model for Assessment of Tourism Development Potential in Rural Places”, ISBN 978-86-80510-03-3, pp 45-61, 2019. <http://www.gegula.rs/wp-content/uploads/2019/02/Zbornik-OK.pdf>

Invited Speaker (2018) at the 5th *International Scientific Conference Agribusiness MAK 2018 “EUROPEAN ROAD TO SUCCESS”*, 25-26 January 2018, Kopaonik, R Serbia, Golic Kosa “Smart Planning and Design for Integration of Active Solar Systems into Agricultural Buildings”, ISBN 978-86-80510-03-3, pp 15-30, 2018. <http://www.gegula.rs/wp-content/uploads/2018/02/Helga-Zbornik-2018-OK.pdf>

Invited Speaker (2018) at the 9th *International Conference on Construction and Project Management, ICCPM 2018. 24-26 October. University of Macau, Macau, China.* Golić Kosa „Fuzzy Model for Integration of Solar Systems into Nearly Zero-Energy Buildings”, <http://iccpm.org/history/2018%20Program.pdf>, Published in International Journal of Innovation, Management and Technology (IJMT), ISSN 2010-0248, pp 271-278, 2018, Volume 9, Num 6. doi:10.18178/ijimt.2018.9.6.824

<http://www.ijimt.org/index.php?m=content&c=index&a=show&catid=97&id=1176>

Krstic Furundzic A., Kosoric V., Golic K., "Potential for reduction of CO2 emissions by integration of solar water heating systems on student dormitories through building refurbishment", *Sustainable Cities and Society*, Vol. 2, Issue 1, 2012, pp. 50– 62, ISSN: 2210-6707, Elsevier Ltd.

Golic K., Kosoric V., Krstic Furundzic A. "General model of solar water heating system integration in residential buildings refurbishment- Potential energy savings and environmental impact", *Renewable and Sustainable Energy Reviews*, Vol. 15, 2011, pp. 1533–1544, ISSN: 1364-0321, Elsevier.

Krstic Furundzic A., Kosoric V., Golic K., "Potential for reduction of CO2 emissions by integration of solar water heating systems on student dormitories through building refurbishment", *Sustainable Cities and Society*, Vol. 2, Issue 1, 2012, pp. 50– 62, ISSN: 2210-6707, Elsevier Ltd.

Kosa Golić, Vesna Kosorić, Teodora Mijailović, "A platform of criteria and indicators for socially sustainable renovation design", In: S. Mrazovac Kurilić and Lj. Nikolić Bujanović (Eds), *Proceedings of the second international conference on sustainable environment and technologies "Create sustainable community"*, Belgrade, 23-24 september 2022. p 91-100. ISSN 978-86-89529-38-8.

Kosa Golić, Siu-Kit Lau, Vesna Kosorić, "Socially sustainable renovation of residential buildings – challenges and potentials", In: S. Mrazovac Kurilić and Lj. Nikolić Bujanović (Eds), *Proceedings of the second international conference on sustainable environment and technologies "Create sustainable community"*, Belgrade, 23-24 september, 2022. p 91-100. ISSN 978-86-89529-38-8.

Golić K., Stevovic S., (2018). „Smart Planning and Design for Integration of Active Solar Systems into Agricultural Buildings“. (Паметно планирање и пројектовање интегрисања активних соларних система у пољопривредне објекте) In: M. Jovičić (Eds), *Proceedings of 5th International Scientific Conference Agrobusiness MAK-2018 "European road to success" IPARD 2015-2020*, (pp 15-30), 25-26 Januar 2018, Kopaonik, R Serbia, Etno centar Gegula, Center for the successful development of family agriculture and tourism Kraljevo, University Alfa BK in Belgrade, ISBN 978-86-80510-03-3.

Vesna Kosorić, Kosa Golić, Slavica Stamatović Vučković, "Urban Agriculture: Towards Healthy Sustainable and Resilient Cities", *6th International Scientific Conference Agribusiness MAK 2019 "EUROPEAN ROAD TO SUCCESS"*, 25-27 January 2019, Kopaonik, R Serbia, ISBN 978-86-80510-05-7 (ECG), 2019, COBISS.SR-ID 273052428.

Tijana Vojnović Čalić, Kosa Golić, Vesna Kosorić, Siu-Kit Lau, Sustainable Development: Contemporary Waste Management Trends, *6th International Scientific Conference Agribusiness MAK 2019 "EUROPEAN ROAD TO SUCCESS"*, 25-27 January 2019, Kopaonik, R Serbia. ISBN 978-86-80510-05-7 (ECG), 2019, COBISS.SR-ID 273052428

Slavica Stamatović Vučković, Vesna Kosorić, Kosa Golić, „Architecture and Design in the Function of Agricultural and Tourism Development“, *6th International Scientific Conference Agribusiness MAK 2019 "EUROPEAN ROAD TO SUCCESS"*, 25-27 January 2018, Kopaonik, R Serbia, ISBN 978-86-80510-05-7 (ECG), 2019, COBISS.SR-ID 273052428.

Golić K., Kosoric V., Mecanov D., (2018). Integration of Solar Water Heating Systems into Green Buildings by Applying GIS and BIM Technologies. In: A. Krstić-Furundžić M. Vukmirović, E. Vaništa Lazarević and A. Đukić (Eds), *Proceedings of 5th International Academic Conference on Places and Technologies*, (pp. 394-402), Belgrade, University of Belgrade - Faculty of Architecture, ISBN: 978-86-7924-199-3.

Golić K., Kosoric V., Koprivica S., (2018). Innovative Technologies for Planning and Design of “Zero-Energy Buildings”. In: A. Krstić-Furundžić M. Vukmirović, E. Vaništa Lazarević and A. Đukić (Eds), *Proceedings of 5th International Academic Conference, Places and Technologies*, (pp. 340-348), Belgrade, University of Belgrade-Faculty of Architecture, ISBN: 978-86-7924-199-3.

Golić K., Stevovic S., Kosoric V., (2018). Application of Innovative Technologies for Social and Environmental Impact Assessment of Gas Pipeline Systems on Agricultural Land. 5th International Scientific Conference Agribusiness MAK 2018, “European Road to Success”, Izdavac: ECG - Center for the successful development of family agriculture and tourism K r a l j e v o and University Alfa BK in Belgrade, Editor: Milan Jovičić, 2018, Kopaonik, R Serbia, ISBN 978-86-80510-03-3, pp 217-232.

Golić K., (2017). Operation and Maintenance of Buildings Regarding Sustainable Principles and Remedy Measures”, In: M. Jovičić (Eds), *Proceedings of 6th International Scientific Conference within 6th Business International Summit on Tourism BIST2017 “SUSTAINABLE TOURISM – WAY TO SUCCESS”*, (pp 140-149). 23-25 jun, Vrnjacka Banja, ISBN 978-86-80510-02-6, COBIS.SR-ID 238052108

Golić, K., Kosorić, V., (2017), Kritične komponente za donošenje odluka pri građenju zelenih stambenih objekata u ruralnoj sredini, U: Jovičić, M. (Ur.), *Proceedings of 4th International Scientific Conference Agrobusiness MAK-2017 „EUROPEAN ROAD“ IPARD 2015-2020, Agrobiznis Konferencija MAK 2017*. (str. 162-171), Kraljevo: Etno centar Gegula – Center for the successful development of family agriculture and tourism, University Business Academy in Novi Sad. (ISBN 978-86-80510-01-9)

Kosorić, V., Golić, K., (2017), Potencijali integrisanja solarnih sistema u zgradama u okviru održivog turizma, U: Jovičić, M. (Ur.), *Proceedings of 4th International Scientific Conference Agrobusiness MAK-2017 „EUROPEAN ROAD“ IPARD 2015-2020, Agrobiznis Konferencija MAK 2017*. (str. 162-171), Kraljevo: Etno centar Gegula – Center for the successful development of family agriculture and tourism, University Business Academy in Novi Sad. (ISBN 978-86-80510-01-9).

Golić K., (2015). Comparative analysis of Apartment Prices Calculated by Different Neural Network Algorithms. In: *International Journal of Science Technology & Management Vol1(1)*, Published by Science India Publication, ISSN(Print) 2394-1529 ISSN(Online) 2394-1537. Indexing in: Electronic Journals Library, Ulrich's Periodicals Directory, Google Scholar, Crossref, DOAJ, Index Copernicus, ISSUU, etc. <http://www.ijstm.com/currentissue.php?id=81>

Golić K., (2013). A Neural Network Model for Solving Classification Problems in Business Management. In: *Proceedings of Mediterranean Conference for Academic Disciplines 2013*, Vol.6, No 2., (pp. 71–78). 3-7 March, Malta: University Publications.net. ISSN 1943-6114.

Golić K., (2013). Application of a Neural Network Model for Solving Multi-Criteria Decision Making problems in Management. *Proceedings of International Conference for Academic*

Disciplines, Vol.6, No 3, (pp. 199-2006), 8-11 April 2013, Paris: University Publications.net, ISSN: 1943-6114.

Golic Kosa, „Application of Hopfield networks for solving multi-criteria decision making problems“, *Izgradnja*, Vol. 62, No. 10-11, pp. 419-424, 2008, ISSN 03505421.

Golić K., (2000). Assessment of systems by neural networks, In: *Proceedings of International conference of “Construction – Construction Management”*, (pp.155-163), Budapest: Budapest University of Technology, Faculty of Civil Engineering of University of Belgrade and Faculty of Civil Engineering in Subotica, July 3-4, 2000.

Uskokovic J., Otovic S., Sindjelic S., Golić K., (2000) State of concrete prefabrications in Serbia and possibilities of innovations. In: *Proceedings of International conference “Construction – Construction Management”*, (pp. 82-91). Budapest: Budapest University of Technology, Faculty of Civil Engineering of University of Belgrade and Faculty of Civil Engineering in Subotica, Budapest, Hungary, July 3-4, 2000.

Otovic S., Golić K., (1997). World tendencies and our possibilities in improvement of construction in Serbia. In: C.R. Stroh, R. Folić, S. Vuković (Eds), *Affordable housing, Planning, Design and Construction*, (pp. 39-55), Novi Sad: University of Novi Sad, Faculty of Technical Sciences – Institut for industrialized building and International Concile for Building Research Studies and Documentation, ISBN 86-83075-01-x.

Otovic S., Golić K. (1997). Technological aspect of building systems based on skeleton structure. In: R. Folic and S. Vukovic (Eds), *INDIS '97 and CIB W-63 Industrijalizacija gradjevinarstva – Planiranje, projektovanje, gradjenje*, (pp. 187-193). Novi Sad: University of Novi Sad, Faculty of Technical Science – Institut for industrial construction, ISSN 0354-5806.

MEMBER OF EDITORIAL BOARD

2023. - ongoing **Topic Editor** on the Topic of the Sustainable Built Environment, 2nd Volume for MDPI journals:
1. *Sustainability*,
2. *Buildings*
3. *Energies*
4. *Urban Science*, and
5. *Environments*.
<https://www.mdpi.com/topics/465D45Z9X1>
2022. – 2023. **Topic Editor** on the Topic of the Sustainable Built Environment, 1st Volume for MDPI journals:
1. *Sustainability*,
2. *Buildings*
3. *Energies*
4. *Urban Science*, and
5. *Environments*.
https://www.mdpi.com/topics/Sustainable_Built_Environment

OTHER ACTIVITIES AND RESPONSIBILITIES

2023. **Member of Organizing Committees**, WCBMFEM-London-2023, “2nd World Conference on Business, Management, Finance, Economics, and Marketing” (WCBMFEM-2022), May 26-27, London, UK.
2022. **Member of Organizing Committees**, WCBEF-2022, “World Conference on Business, Economics and Finance”, October, 27-28, Valencia, Spain..
2021. **Member of Technical Committees**, 2021 8th International Conference on Advances in Management Sciences (ICAMS 2021), 9-11 June, Barcelona, Spain.
2020. **Member of Technical Committees**, 2020 7th International Conference on Advances in Management Sciences (ICAMS 2020), 14-16 June, Barcelona, Spain.
<https://www.papercrowd.com/c/2020-the-7th-international-conference-on-advances-in-management-sciences-icams-2020/11538>
2018. **Conference Chair** together with Prof. Lonny Simonian, California Polytechnic State University, USA; Assoc. Prof. Syuhaida Ismail, Universiti Teknologi Malaysia Kuala Lumpur, Malaysia; Prof. M. Gopal Naik, Osmania University, India; 2018 9th International Conference on Construction and Project Management (ICCPM 2018), October 24-26, 2018, **University of Macau, Macau, China.** <https://www.science-community.org/en/node/193831>
2018. **Member of Scientific Committee**, 2018, 7th Business International Summit (BIST), 29-30. June and 1st July, Vrnjacka Banja, ISBN Serbia.
2017. **Member of Scientific Committee** 2017 ,” International conference 4.th JEEP MAK 2017 „European Road”, 27-28 January, Kopaonik, R Serbia, ISBN 978-86-80510-01-9.
2018. **Mediator of Conference Session** in Architectural Design and New Technologies at 5th International Academic Conference, Places and Technologies – “Keeping up with technologies to adapt cities for future challenge”, April 2018, University of Belgrade-Faculty of Architecture, Belgrade, R. Serbia, ISBN 978-86-7924-199-3.
2017. **Member of Technical Committees**, 2017 8th International Conference on Construction and Project Management (ICCPM 2017), August 17-19, 2017, Sapporo, Japan. <http://www.iccpm.org/com.html>
2015. **Member of National Advisory Board**, 2nd International Conferences on Science, Management and Technology, New Delhi, India, 1. February 2015, ICSTM 15, New Delhi. India.
<http://www.conferenceworld.in/Conference.php?cID=72&task=conference-editorial-board>
2013. **Member of Program Committee Chairs**, 2013, 2nd International Conference on Education and Management Innovation – ICEMI 2013, Roma, February 2013. <http://www.ipedr.com/vol60/vol60-ICEMI2013-Contents.pdf>
2013. **Chairman of the Conference Session** “2nd International Conference on Economics Business and Marketing Management– CEBMM 2013“, Roma, Italy, 2013. <http://www.ecbs.org/events/the-international-conference-on-economics-business-and-marketing-management-cebmm-2013.html>

MEMBERSHIP OF PROFESSIONAL SOCIETIES

2013. - ongoing Senior Member of IEDRC (International Economics Development and Research Center), Member NO.: 30080080, <http://www.iedrc.org/list-22-1.html/>
2013. - ongoing Member of IACSIT (International Association of Computer Science and Information Technology), Member NO.: 80345910, <http://www.iacsit.org>

PROFESIONALNE LICENCE

License of Responsible Contractor, No. 410 C979 08 issued by ENGINEERING CHAMBER OF SERBIA in Belgrade, September 25, 2008.