

# Kosa Golić

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## OBRAZOVANJE

- 2008.** Doktor tehničkih nauka, oblast Građevinarstvo  
Građevinski fakultet, Univerzitet u Beogradu, Beograd, Srbija
- 1993.** Magistar tehničkih nauka, oblast Organizacija i tehnologija građenja  
Građevinski fakultet, Univerzitet u Beogradu, Beograd, Srbija
- 1985.** Diplomirani inženjer građevine, oblast Betonske konstrukcije,  
Građevinski fakultet, Univerzitet u Beogradu, Beograd, Srbija

## NASTAVNO / NAUČNO ZVANJE

- |       |                           |  |
|-------|---------------------------|--|
| 2023. | <b>Vanredni profesor</b>  | Fakultet za graditeljski menadžment<br>Univerzitet „Union – Nikola Tesla“<br>Beograd, Srbija |
| 2013. | <b>Vanredni profesor</b>  |  |
| 2008. | <b>Docent</b>             |  |
| 1995. | <b>Reserch Assistant</b>  | Queensland University of Technology, Brisbane,<br>Australia.                                 |
| 1988. | <b>Research Assistant</b> | Cornell University, Ithaca, NY State, USA  |
| 1987. | <b>Naučni saradnik</b>    | Institut za ispitivanje materijala (IMS), Beograd,<br>Srbija                                 |

## STRUČNO ISKUSTVO

- 1986-1993 Projektovanje fabrika za proizvodnju prefabrikovanih betonskih elemenata,  
Institut IMS, Beograd, Srbija.
- 1997-2001 Viši saradnik i član Odbora za investiciona ulaganja Skupštine opštine

Voždovac, Beograd, Srbija.

## ODABRANE PUBLIKACIJE

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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 6<sup>th</sup> 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 5<sup>th</sup> 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 9<sup>th</sup> 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/ijmt.2018.9.6.824 <http://www.ijmt.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 sola 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. ISSBN 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. ISSBN 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 5<sup>th</sup> 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. Enclosed please find the Invitation letter for Invited speaker).

Vesna Kosorić, Kosa Golić, Slavica Stamatović Vučković, "Urban Agriculture: Towards Healthy Sustainable and Resilient Cities", *6<sup>th</sup> 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, *6<sup>th</sup> 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“, *6<sup>th</sup> 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 5<sup>th</sup> 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 5<sup>th</sup> 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. 5<sup>th</sup> 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 6<sup>th</sup> 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.

## UREĐIVANJE ISTAKNUTOG MEĐUNARODNOG NAUČNOG ČASOPISA

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- 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](https://www.mdpi.com/topics/Sustainable_Built_Environment)

## DOPRINOS AKADEMSKOJ I ŠIROJ ZAJEDNICI

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2023. **Member of Organizing Committees**, WCBMFEM-London-2023, "2<sup>nd</sup> 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 8<sup>th</sup> International Conference on Advances in Management Sciences (ICAMS 2021), 9-11 June, Barcelona, Spain.
2020. **Member of Technical Committees**, 2020 7<sup>th</sup> 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 9<sup>th</sup> 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 *5<sup>th</sup> 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 8<sup>th</sup> 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**, 2<sup>nd</sup> 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, 2<sup>nd</sup> 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>

## ČLANSTVO U PROFESIONALNIM ORGANIZACIJAMA

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

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1.html/

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

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### **PROFESIONALNE LICENCE**

Licenca odgovornog izvođača, No. 410 C979 08 izdata od Inženjerska komora Srbije, Beograd, Srbija, 25. Septembar, 2008.