PERSONAL INFORMATION

Ivan Stevovic, PhD in Management and Business Research Fellow

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Sex Male | Date of birth 26/05/1992 | Nationality Serbian
https://orcid.org/0000-0003-4729-9241

WORK EXPERIENCE

2016 – 2023 — Innovation Center of the Faculty of Mechanical Engineering in Belgrade, University of Belgrade, Serbia

Research Fellow elected by the Ministry of Science, Technological Development and Innovation of the Republic of Serbia, decision no 119-01-00023/2023-01-3

2021 – 2023 — Research Associate for Project of cooperation between the Technical University of Delft in Netherland and Innovation Centre of the Faculty of Mechanical Engineering (IC FME), Belgrade, Serbia

Artificial Intelligence and Nature Inspired Optimization in the Function of Sustainable Water Management (AINIOF-SWM)

2015 – 2020 — Management Committee - Substitute

European Project for Cooperation in Science and Technology

Improving Applicability of Nature-Inspired Optimisation by Joining Theory and Practice (ImAppNIO)
https://www.cost.eu/actions/CA15140/
Working Group – Overcoming the gap between theory and practice (WG 2)
Official language - English

2014 – 2019 — Management Committee - Substitute

European Project for Cooperation in Science and Technology

Renewable Energy and Landscape Quality (http://cost-rely.eu/)

Working Group - Strategic Case Studies on Landscape Management/Potentials in terms of RE (WG2)
Official language - English

2015 – 2016 — Teaching Assistant

Integrated University Union Nikola Tesla, Department for Ecology and Environmental Management, Belgrade, Serbia

- Teaching Assistant for 7 groups of 25 students each
- Education in the field of Management, Sustainable Development, Energy and Environment

2011 – 2013 — Product manager at Delta Generali Insurance Company

28 realized life insurance contracts in Delta Generali, Serbia, www.deltagenerali.rs

2010 – 2023 part time — Manager and Head Instructor in Ecology Water Sports Tourist's Resorts

Kite surf and windsurf education in tourist's ecology sports resorts in Montenegro (Ada Bojana), Greece (Lefkada, Rodos, Limnos), Brazil (Jericocoara, Icharaizinho, Rio de Janeiro), USA, Portugal, Spain

- Leadership (responsible for a team of 4-7 instructors and 50+ students per seminar)
- Management
- Education
- Profitability of solar and wind energy application
- Seminars on official languages – English, Portuguese, French.

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EDUCATION AND TRAINING

2011 - 2015

BSc (Econ), Bachelor of Science in Economics

Faculty of Business Economics, University Singidunum, Belgrade, Serbia
Program: Marketing and trading
Thesis “Green marketing in the function of sustainable development and increasing of solar power production” – thesis evaluated with note 10 of 10

- Management
- Marketing and Trading
- Business economy
- Green marketing

2015 – 2016

MSc degree (Management)

Faculty of Organizational Science, University of Belgrade, Belgrade, Serbia
Program: Management
Thesis “Solar energy exploitation possibilities in the function of sustainable development of ecological camp” – thesis evaluated with note 10 of 10

- Management

2016 – 2022

PhD degree (Management and Business)

Faculty of Organizational Science, University of Belgrade, Belgrade, Serbia
Program: Management and Business
Modul: Interdisciplinary research in management
Thesis title “Interdisciplinary models of strategic integration of renewable energy sources”, thesis evaluated with note 10 of 10.

- Management and Business

PERSONAL SKILLS

Mother tongue(s): Serbian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	B2
French	B1	B1	B1	B1	B1
Portuguese	B1	B1	B1	B1	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages
Certificate

Communication skills

• Good management and communication skills gained through the experience on European Project for Cooperation in Science and Technology, as Teaching Assistant and Research Assistant at University and as Head Instructor and Manager of Kite surf and windsurf education and ecology tourist resorts, in Montenegro, Greece, Portugal, Spain, France and Brazil
• High social intelligence,
• Leadership ability, Responsible, Creative.

Job-related skills: Good command of quality control processes (responsible for quality audit and the equipment in Kite surf and windsurf education and ecology tourist resorts)

Computer skills: Good command of Microsoft Office™ tools, Internet, PP, Excel.

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Other skills
- Kite international licensed instructor, licence no IKO 43563
- Windsurf, 2004: 6th place at the international competition in windsurfing, Ada Bojana, Montenegro
- Skiing, 2001 – 2008: 35 gold, 17 silver and 5 bronze medals at international, state, and national ski competitions in slalom and giant slalom, in Europe and all over the world (including World Competition Topolino-Italy)

Driving licence
- Car – B,
- Licence for Boat

Public appearances
- TV,
- Journals,
- Scientific International Conferences

ADDITIONAL INFORMATION

Memberships
- Candidate academician, Youth Section of the Serbian Royal Academy of Sciences and Innovation
- Member of the Association "Environmental and Cultural Vision"

Humanitarian and volunteers activities
- Lecturer on 18. Sports and Humanitarian “Sports Fairytale”, June 2016.
- Help children with cancer (organized by NURDOR and the International Red Cross)
- Ecological action "Clean Serbia"
- Action of collecting materials for reuse

SCIENTIFIC RESULTS OF DR IVAN STEVOVIC

Full Length Research Paper Published in Scientific International Journals SCI and ESCI:
Radovi u celosti štampani u međunarodnim časopisima SCI i ESCI:

1. **Stevovic, Ivan,** Dragoljub Mirjanic, and Natasa Petrovic. "Integration of solar energy by nature-inspired optimization in the context of circular economy." *Energy* 235 (2021): 121297. ISSN 0360-5442, IF 9, https://doi.org/10.1016/j.energy.2021.121297.
2. **Stevović Ivan,** Dragoljub Mirjanić, and Stevović Svetlana. "Possibilities for wider investment in solar energy implementation." *Energy* 180 (2019): 495-510. IF 9, https://doi.org/10.1016/j.energy.2019.04.194
3. **Ivan Stevovic**, Jovana Jovanovic, Svetlana Stevovic, (2017) "*Sustainable management of Danube renewable resources in the region of Iron Gate: Djerdap 1, 2 and 3 case study*", Management of Environmental Quality: An International Journal, Vol. 28 Issue: 5, pp. 664 - 680, ISSN: 1477-7835, eISSN: 1477-7835, Scopus CiteScore 2022: 8.6, Clarivate Anaytics Impact Factor 2022: 5.3, https://doi.org/10.1108/MEQ-07-2014-0114 (ESCI list)
4. **Ivan Stevovic,** *Strategic orientation to solar energy production and long term financial benefits*, Archives for Technical Sciences, Volume 17(1) 2017, 1-12, ISSN 1840-4855, eISSN 2233-0046, DOI: https://doi.org/10.7251/afts.2017.0917.001S, IF = 0.1, www.clarivateanalytics.com, http://www.arhivzatehnickenauke. com/old/files/arhiv17/01_Ivan_Stevovic_Solar_energy_Archive_for_TecSc.pdf
5. Svetlana Stevovic, Milica Miloradovic, **Ivan Stevović**, Full Length Research Paper: *Management of Environmental Quality and Kostolac Mine Areas Natural Resources Usage*, Management of Environmental Quality: An International Journal, MEQ-11-2013-0121, Vol. 25, iss 3, pp 285-300, 2014, ISSN: 1477-7835, eISSN: 1477-7835, Scopus CiteScore 2022: 8.6, Clarivate Anaytics Impact Factor 2022: 5.3, https://doi.org/10.1108/MEQ-07-2014-0114 (ESCI list), http://www.emeraldinsight.com
6. Vladimir M. Nikolic, Marko M. Ivanis, **Ivan S. Stevovic,** Full Length Research Paper: *Innovation of organization model for integral rural development - Serbia case study,* Economics of Agriculture, Year 61, No. 3 (695-706) 2014, ISSN 0352-3462 (Printed), ISSN 2334-8453 (Online), https://doi.org/10.5937/ekoPolj1403695N .

Full Length Research Paper Published in Scientific International Journals:
Radovi u celosti štampani u međunarodnim časopisima:

7. **Ivan Stevovic**, Jovana Jovanovic, Sabahudin Hadrovic, *Sustainable economy of non renewable resources and conflict with environment,* UCB Annals No.3/2023 Economy Series, ISSN 2344-3685, ISSN-L 1844-7007, http://www.utgjiu.ro/revista/?s=ec
8. **Ivan Stevovic**, Jovana Jovanovic, Sabahudin Hadrovic, *Sustainable development in urban areas in correlation with overpopulation,* UCB Annals No.3/2023 Economy Series, ISSN 2344-3685, ISSN-L 1844-7007, http://www.utgjiu.ro/revista/?s=ec

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9. **Stevović Ivan,** Kirin Snežana, Božić Ivan, *Artificial intelligence and nature inspired optimization on integrative capacity of renewable energy in the western Balkan,* Journal Contemporary Materials, ISSN 1986-8669 (Print), ISSN 1986-8677 (Online) doi: 10.725 COBISS.RS-ID 18414342, DOI 10.7251/COMEN2102226S, pp 1-30 of 252, Publisher: Academy of Sciences and Arts of the Republic of Srpska, Bana Lazarevića 1, 78000 Banja Luka, Republic of Srpska, B&H, www.savremenimaterijali.info
10. **Ivan Stevovic**, *Multidisciplinary approach to strategies and organization: case study in marine tourism,* Econophysics, Sociophysics and Multidisciplinary Sciences Journal - ESMSJ Volume no. 7 (1), 2017, 19-29, ISSN 2247-2479, IF 4.06, http://esmsj.upit.ro/ESMSJ%20vol%207(1)%20pentru%20Denis%20pe%20site/ESMSJ%20VOL%207%20(1)%202017.pdf
11. Stevovic Svetlana, Milosevic Hranislav, **Stevović Ivan**, Sabahudin Hadrovic, Full Length Research Paper: *Sustainable management of water resources in Prokletije region,* Industry, vol. 42, no. 1, 2014., pp 47-61, ISSN 0350-0373, eISSN 2334-8526, CEON IF_5 0,767, www.ecinst.org.rs/industrija,

Introduction papers presented oral at an international conference, published in full:
Uvodna predavanja saopštena na međunarodnim konferencijama, publikovana u celosti:

12. Svetlana Stević, Jovana Jovanović, **Ivan Stević,** *Eco innovation in the function of sustainable agribusiness and environmental protection*, III International Scientific Conference agribusiness MAK2016 - ,,Western Balkans and Europe", Kopaonik 29-30.01.2016. Proceedings, pp 41-54, ISBN 978-86-80510-00-2, COBISS.SR-ID 221062924
13. Jovana Jovanović, **Ivan Stević**, Svetlana Stević, *Economic review of solar panel installation and their innovative application,* 15th International Conference "Research and Development in Mechanical Industry" RaDMI-2015. from 17-20. September 2015, Budva, Montenegro
14. Svetlana Stevovic, Dejan Beljakovic, **Ivan Stevovic,** *Sustainable Hydro Energy Use Consequently on Cost Management*, International Conference "Sustainable Energy Use and Management", 20th May 2014, Targu-Jiu, Romania, publisher: "Academica Brancusi" Publishing House, Targu-Jiu, ISBN: 978-973-144-647-9
15. **Ivan Stevovic**, Stevan Brezanovic, Svetlana Stevovic, *Sustainable Techno-Economic Utilization of Hydro Potential Between Serbia and Romania,* International Conference "Sustainable Energy Use and Management", 20th May 2014, Targu-Jiu, Romania, publisher: "Academica Brancusi" Publishing House, Targu-Jiu, ISBN: 978-973-144-647-9

Papers presented at conferences of international importance printed in their entirety:
Radovi saopšteni na konferencijama međunarodnog značaja štampani u celini:

16. **Ivan Stevovic,** Jovana Jovanovic, Dragoljub Mirjanic, *Analytic Hierarchy Process Supporting Renewable Energy and Pump Hydro Storage Schemes Integration,* SDEWES2023.0808, accepted as archival for The 18th Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES), September 24 – 29, Dubrovnik, Croatia, https://www.dubrovnik2023.sdewes.org/index
17. **Ivan Stevovic,** Jovana Jovanovic, Dragoljub Mirjanic, *Reliability of hydropower systems theoretically and with a real example,* SDEWES2023.0810, accepted as archival for The 18th Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES), September 24 – 29, Dubrovnik, Croatia, https://www.dubrovnik2023.sdewes.org/index
18. **Ivan Stevovic**, Jovana Jovanovic*, Mining resources, economy, sustainability and environment, Proceedings of the International Conference "Information Society and Sustainable Development",* ISSD 2023, „Academica brâncuşi" publisher, ISBN 978-973-144-889-3, Xth Edition, pp 339 – 343, April 27-28, 2023, Valletta, Malta
19. **Ivan Stevovic**, Jovana Jovanovic*, „Population migration and innovative solutions for Sustainable development of cities", Proceedings of the International Conference "Information Society and Sustainable Development",* ISSD 2023, „Academica brâncuşi" publisher, ISBN 978-973-144-889-3, Xth Edition, pp 334 – 338, April 27-28, 2023, Valletta, Malta
20. **Ivan Stevovic,** Jovana Jovanovic, *Genetic algorithms as artificial intelligence support to sustainable optimizations of complex systems*, 2nd International Conference ,,Conference on Advances in Science and Technology'', COAST , 31. may - 03. June 2023. Herceg Novi, Montenegro
21. **Ivan Stevovic,** Jovana Jovanovic, *Sustainability in the process of education in civil engineering,* 2nd International Conference ,,Conference on Advances in Science and Technology'', COAST , 31. may - 03. June 2023. Herceg Novi, Montenegro
22. Jovanović Jovana, **Stevović Ivan,** ,,The Building Technology of Passive and Low-Energy Households'', 2nd International Conference ,,Conference on Advances in Science and Technology'', COAST, 31. may - 03. June 2023. Herceg Novi, Montenegro
23. **Stevović Ivan,** Obradović Vladimir, and Todorović Marija, *Interdisciplinary RES integration models for supporting decarbonizing society projects,* 10th IPMA Research Conference "Value co-creation in the project society", 19-21 June 2022, Belgrade, Serbia
24. **Stevović Ivan,** *Interdisciplinary Research on Solar Energy Implementation in the Context of Circular Economy*, SDEWES2021-0792, 16th SDEWES Conference on Sustainable Development of Energy, Water and Environment Systems, October 10 - 15, 2021. Dubrovnik, Croatia
25. **Stevović Ivan,** *Contribution to Strategic Project Management for Dams towards Sustainability*, SDEWES2021-0805, 16th SDEWES Conference on Sustainable Development of Energy, Water and Environment Systems, October 10 - 15, 2021. Dubrovnik, Croatia
26. **Ivan S. Stevović** (presenter)**,** Jurij Avsec, Dragoljub Mirjanic, Nedjo Djuric, *Sustainability and More Intense Implementation of Solar Energy by Nature Inspired Optimization,* 2nd LA SDEWES - Latin American Conference on Sustainable Development of Energy Water and Environment Systems, February 9 – 12, 2020, Buenos Aires, Argentina, ISSN 2706-3674 (digital proceedings), Publisher Faculty of Mechanical Engineering and Naval Architecture, Zagreb
27. **Ivan S. Stevović,** *Solar energy implementation as innovation in a system of green marketing logistic,* 1st LA SDEWES - Latin American Conference on Sustainable Development of Energy Water and Environment Systems, January 28 – 31, 2018, Rio

de Janeiro, Brazil, ISSN 2706-3674 (digital proceedings), Publisher Faculty of Mechanical Engineering and Naval Architecture, Zagreb

28. **Ivan S. Stevović,** Gordana Milosavljević, *Specific training and particularity of human resources management for sports tourist centers,* 6th International Scientific Tourism Conference - BIST 2017, "Sustainable tourism – way to success", Vrnjačka Banja 23-25. juna 2017. ISBN 978-86-80510-02-6 (ECG), pp 80-84.
29. **Ivan Stevović,** *Green marketing as strategic concept for development of solar energy application*, YUPMA - XXI International Symposium on Project Management, Development of Project Management - Contemporary Tendencies and Methodologies, Zlatibor, 2-4. jun 2017. ISBN 978-86-86385-14-7, pp 259-267
30. **Ivan Stevović,** *Theory of strategic and situational approach on tourist center organization,* YUPMA - XXI International Symposium on Project Management, Development of Project Management - Contemporary Tendencies and Methodologies, Zlatibor, 2-4. jun 2017. ISBN 978-86-86385-14-7, pp 295-300
31. **Ivan Stevović,** *Strategy of investment in solar projects in the world and financial incentives,* YUPMA - XXI International Symposium on Project Management, Development of Project Management - Contemporary Tendencies and Methodologies, Zlatibor, 2-4. jun 2017. ISBN 978-86-86385-14-7, pp 301-307
32. **Ivan Stevovic**, *Organization of solar energy production with the goal of long-term financial benefits*, International Conference Power Plants 2016, November, 23rd until November, 27th, 2016. in Zlatibor, Serbia, E2016-035, ISBN 978-86-7877-027-2
33. Svetlana Stevović**,** Jovana Jovanović, **Ivan Stevović,** *Sustainable project management and innovative green technology models in building,* Civil Engineering - Science and Practice, 6th International Conference, GNP 2016, Žabljak, 7-11 march 2016. ISBN 978-86-82707-30-1, COBISS.CG-ID 29599504, pp 1091-1099, http://www.gnp.ac.me/dodaci/prvo%20saopstenje.pdf
34. **Ivan Stevovic,** *Economic analyses of new photovoltaic materials application and their effects on landscape management*, Proceeding "New Functional Materials and High Technology", NFMaHT-2014, 2014, Tivat, Montenegro, UDC 661:574:502/504:004, ISBN 978-5-905364-10-5, pp 37-46
35. Svetlana Stevovic, Dusan Nikolic, **Ivan Stevovic,** *Sustainable energy production in isolated system,* 9th Conference on Sustainable Development of Energy, Water and Environment Systems, September 20 - 27, 2014, Venice-Istanbul
36. Milica Miloradovic, **Ivan Stevovic,** Svetlana Stevovic, *Improvement of environment quality through the application of phytoremediation of arsenic from contaminated ashes in Kostolac coal mine,* 9th Conference on Sustainable Development of Energy, Water and Environment Systems, September 20 - 27, 2014, Venice-Istanbul
37. Sabahudin Hadrovic, **Ivan Stevovic,** Svetlana Stevovic, *Management units Debeljak Medenovac as model example of determination for ecological and the energy value of wood biomass,* 1st South East European Conference on Sustainable Development of Energy, Water and Environment Systems - SEE SDEWES Ohrid 2014, 29 June - 3 July, 2014, Ohrid, Republic of Macedonia
38. Milica Ilic, **Ivan Stevovic,** Svetlana Stevovic, *Management of water quality in reservoirs in correlation with environment,* 1st South East European Conference on Sustainable Development of Energy, Water and Environment Systems - SEE SDEWES Ohrid 2014, 29 June - 3 July, 2014, Ohrid, Republic of Macedonia
39. Stevan V. Brezanović, Svetlana M. Stevović, **Ivan S. Stevović,** *Natural treasures of water resources of the Danube - Djerdap 1, 2 and 3 in the context of sustainability and environmental impact,* IV International Congress, Biomedicine and geosciences - influence of environment on human health, ISBN 978-86-80140-00-1, AGES - Association of geophysicists and environmentalists of Serbia, Beograd, 17-18. jun 2014.
40. Dijana Stepanović, Svetlana Stevović, **Ivan Stevović**, *Sustainable quality management of water resources by method of wastewater treatment and necessary improvements,* International scientific conference on Sustainable economy and the environment, Beograd, 23 – 25. april 2014. godine
41. Olivera Magić, Svetlana Stevović, **Ivan Stevović,** *Sustainable management of water resources and water management systems in Israel as a basis of sustainable economy,* International scientific conference on Sustainable economy and the environment, Beograd, 23 – 25. april 2014. godine
42. Aleksandar Trifunovic, **Ivan Stevović**, Svetlana Stevic, *Environmental Quality Enhancement as a Motivation Factor for Contemporary Land Management Methods Development,* 9th International May Conference on Strategic Management IMCSM2013, Organized by University of Belgrade, Technical faculty in Bor, Management Department, 24-26. maj 2013. Bor, Serbia, http://mksm.sjm06.com/

Papers presented at international conferences, published in abstracts:
Radovi saopšteni na konferencijama međunarodnog značaja štampani u apstraktu:

43. **Ivan Stevovic,** Mihailo Jovanovic, *Genetic algorithms as artificial intelligence support to sustainable optimizations of complex systems*, 2nd International Conference on Advances in Science and Technology, COAST , 31. may - 03. June 2023. Herceg Novi, Montenegro, ISBN 978-9940-611-05-07, COBISS.CG-ID 26263556
44. **Ivan Stevovic,** Jovana Jovanovic, *Genetic algorithms as artificial intelligence support to sustainable optimizations of complex systems*, 2nd International Conference on Advances in Science and Technology, COAST , 31. may - 03. June 2023. Herceg Novi, Montenegro, ISBN 978-9940-611-05-07, COBISS.CG-ID 26263556
45. **Ivan Stevovic,** Jovana Jovanovic, *Sustainability in the prosess of education in civil engineering,* 2nd International Conference on Advances in Science and Technology, COAST , 31. may - 03. June 2023. Herceg Novi, Montenegro, ISBN 978-9940-611-05-07, COBISS.CG-ID 26263556
46. Jovanović Jovana, **Stevović Ivan,** ,,The Building Technology of Passive and Low-Energy Households'', 2nd International Conference ,,Conference on Advances in Science and Technology'', COAST , 31. may- 03. June 2023. Herceg Novi, Montenegro, ISBN 978-9940-611-05-07, COBISS.CG-ID 26263556
47. **Stevović Ivan,** *Interdisciplinary Research on Solar Energy Implementation in the Context of Circular Economy*, SDEWES2021-0792, 16th SDEWES Conference on Sustainable Development of Energy, Water and Environment Systems,

October 10 - 15, 2021. Dubrovnik, Croatia, Book of abstracts, Publisher Faculty of Mechanical Engineering and Naval Architecture, Zagreb ISSN 1847-7178 (digital proceedings), SDEWES2021.0792, pp 505

48. **Stevović Ivan,** *Contribution to Strategic Project Management for Dams towards Sustainability*, SDEWES2021-0805, 16th SDEWES Conference on Sustainable Development of Energy, Water and Environment Systems, October 10 - 15, 2021. Dubrovnik, Croatia, Book of abstracts, Publisher Faculty of Mechanical Engineering and Naval Architecture, Zagreb ISSN 1847-7178 (digital proceedings), SDEWES2021.0805, pp 505
49. **Ivan S. Stevović** (presenter)**,** Jurij Avsec, Dragoljub Mirjanic, Nedjo Djuric, *Sustainability and More Intense Implementation of Solar Energy by Nature Inspired Optimization,* 2nd LA SDEWES - Latin American Conference on Sustainable Development of Energy Water and Environment Systems, February 9 – 12, 2020, Buenos Aires, Argentina, ISSN 2706-3674 (digital proceedings), Publisher Faculty of Mechanical Engineering and Naval Architecture, Zagreb
50. **Ivan S. Stevović,** *Solar energy implementation as innovation in a system of green marketing logistic,* 1st LA SDEWES - Latin American Conference on Sustainable Development of Energy Water and Environment Systems, January 28 – 31, 2018, Rio de Janeiro, Brazil, ISSN 2706-3674 (digital proceedings), Publisher Faculty of Mechanical Engineering and Naval Architecture, Zagreb
51. Svetlana Stević**,** Jovana Jovanović, **Ivan Stević,** *"Artificial Inteligence Application as a Solution for Lanscape Management Conflict Related to Large Dams",* 28 session of the Permanent European Conference for the study of the Rural Landscape, 3-9 September 2018, Clermont-Ferrand and Mende, France, p. 176.
52. **Ivan Stevovic,** *Research on possible organizational improvement of sport tourist centre as business system,* Abstract Book of 8th International conference of political economy ICOPEC 2017, Institutions, National Identity, Power, and Governance in the 21st Century, June 28-30, 2017, Belgrade, Serbia, www.icopec.org
53. Svetlana M. Stevovic, **Ivan S. Stevovic,** Jovana Đ. Jovanovic, *Renewable energy sources towards social challenges in sustainable* development and low carbon economy, SENIX Conference The Role of Social Sciences in a Low-Carbon Energy Mix, Stockholm, June 13-15, 2016. https://www.delegia.com/app/Data/ProjectImages/7056/SENIX_2016_Conference_programme_160609.pdf
54. Stevovic Svetlana**,** Jovanovic Jovana, **Stevovic Ivan,** *Ski resort development and impact on landscape, environment and climate change,* 27th Session of the Permanent European Conference for the Study of the Rural Landscape PECSRL2016, Innsbruck 5-9 Sept. 2016, pp 204, ISBN 978-3-7011-8025-8, Published by Austrian Academy of Sciences
55. Svetlana Stevovic, Jovana Jovanovic, **Ivan Stevovic,** *"Techno Economic and Socially Optimal Small Hydro Power Plant Construction",* 6th Annual International Conference on Civil Engineering, 20-23 June 2016., Book of abstracts Published in Athens, Greece by the Athens Institute for Education and Research,.ISBN: 978-960-598-077-1, pp 52-52, Athens, Greece, https://www.atiner.gr/abstracts/2016ABST-CIV.pdf
56. Jovana Jovanovic, Svetlana Stevovic, **Ivan Stevovic,** *Windmill's Breakthrough in the Governance of Energetic Landscapes,* 6th Annual International Conference on Civil Engineering, 20-23 June 2016., Book of abstracts Published in Athens, Greece by the Athens Institute for Education and Research, ISBN: 978-960-598-077-1, pp 34-34, Athens, Greece, http://www.atiner.gr/civileng,
57. Svetlana Stević**,** Jovana Jovanović, **Ivan Stević,** *Sustainable project management and innovative green technology models in building,* Civil Engineering - Science and Practice, 6th International Conference, GNP 2016, Žabljak, 7-11 march 2016. ISBN 978-86-82707-30-1, Book of Abstracts, pp 158.
58. **Ivan S. Stevovic,** *Organization of solar energy production with the goal of long term financial benefits*, International Conference Power Plants 2016, November, 23rd until November, 27th, 2016. in Zlatibor, Serbia, ISBN 978-86-7877-027-2, pp 109

A chapter in a monograph or thematic proceedings of international importance:
Poglavlje u monografiji ili tematskom zborniku međunarodnog značaja:

59. **Ivan Stevovic,** *Economic analyses of new photovoltaic materials application and their effects on landscape management*, Proceeding "New Functional Materials and High Technology", NFMaHT-2014, 2014, Tivat, Montenegro, UDC 661:574:502/504:004, ISBN 978-5-905364-10-5, pp 37-46
60. **Ivan Stević**, Svetlana Stević, Sustainability and profitability of photo voltaic systems as effective renewable resources application, "Applied Mechanics and Materials (AMM)", ISSN print 1660-9336; ISSN Web 1662-7482) (Web sajt: http://www.ttp.net/1660-9336.html i http:// www.scientific.net/AMM/). Izdavač: Trans Tech Publications Inc. (TTP) iz Pfaffikon-a (Švajcarska) (Web sajt: http://www.ttp.net/)
61. **Ivan Stevovic,** Stevan Brezanovic, Svetlana Stevovic, *Sustainable Techno-Economic Utilization of Hydro Potential Between Serbia and Romania,* Proceedings of the International Conference "Sustainable Energy Use and Management", Academica Brancusi Publishing House, Târgu-Jiu, Romania, 2014, pp 21-25, ISBN: 978-973-144-647-9
62. Stevan V. Brezanović, Svetlana M. Stević, **Ivan S. Stević,** *Natural treasures of water resources of the Danube - Djerdap 1, 2 and 3 in the context of sustainability and environmental impact,* Proceedings of the International Conference "IV International Congress, Biomedicine and geosciences - influence of environment on human health", Publisher: AGES - Association of geophysicists and environmentalists of Serbia, Beograd, 2014, pp 465-473, ISBN 978-86-80140-00-1
63. Svetlana Stevovic, Dejan Beljakovic, **Ivan Stevovic**, *Sustainable Hydro Energy Use Consequently on Cost Management*, Proceedings of the International Conference "Sustainable Energy Use and Management", Academica Brancusi Publishing House, Târgu-Jiu, Romania, pp 12-16, ISBN: 978-973-144-647-9
64. Aleksandar Trifunovic, **Ivan Stević**, Svetlana Stevovic, *Environmental Quality Enhancement as a Motivation Factor for Contemporary Land Management Methods Development,* Proceeding on 9th International May Conference on Strategic Management IMCSM2013, ISBN: 978-86-6305-006-8, Publisher: University of Belgrade, Technical faculty in Bor, Management Department, 2013. Bor, Serbia

A chapter in a book or a paper in a thematic proceedings of national significance:
Poglavlje u knjizi ili rad u tematskom zborniku nacionalnog značaja:

65. Svetlana Stević**,** Jovana Jovanović, **Ivan Stević**, "*National overviews – Montenegro*", Edited by COST in Monography "*Renewable Energy and Landscape Quality* „ **COST** Sept. 2018, p.64-65, ISBN 978-3-86859-524-6

66. Vlada Nikolić**, Ivan Stević,** *Politika identiteta i menadžment znanja u visokom obrazovanju - simbioza kreativne industrije i kvaliteta života,* Tematski zbornik nacionalnog značaja "Inženjerstvo i integracije u oblasti kvaliteta, bezbednosti i zdravlja na radu i zaštite životne sredine", Izdavač Visoka škola strukovnih studija - Beogradska politehnika, Beograd, 2013. god, pp 192-197, ISBN 978-86-7498-060-6, wwwpoli tehnika.edu.rs

Paper in the leading journal of national significance:
Rad u vodećem časopisu nacionalnog značaja:

67. **Ivan S. Stevovic,** *Strategic management as a sustainable concept of solar program development,* Ecologica, pp 941-945, Vol. 24, No 88, (2017), UDC: 621.311.243:65.012.3.

68. **Ivan S. Stević,** *Sustainability and profitability of solar energy application with case study,* Ecologica, pp 480-487, Vol. 23, No 83(2016)

Papers presented at conferences of national significance printed in full:
Rad saopšten na konferenciji nacionalnog značaja štampan u celosti:

69. **Ivan S. Stević,** *Green Marketing as a Concept of Development Strategy for Solar Programs,* Konferencija sa medjunarodnim učešćem, Tara, 15-17 mart 2017. Zbornik radova: Zaštita životne sredine i održivi razvoj "Rudarstvo i energetika 2017", COBBIS.SR-ID 230206220, ISBN: 978-86-80420-12-7, pp 362-369

70. **Ivan Stevovic,** *Energy production in nuclear power plants from the aspect of sustainable development,* Environmental protection and sustainable development *"Energy and mining",* 4rd Symposium with international participation, Drvengrad, Mokra Gora, 1. do 3. marta 2016. godine, ISBN 978-86-80420-02-8, pp 190-201

71. **Ivan Stevovic,** *Management of Eco-Innovation Solar Projects in the Function of Sustainable Development,* Environmental protection and sustainable development *"Energy and mining",* 4rd Symposium with international participation, Drvengrad, Mokra Gora, 1. do 3. marta 2016. godine, ISBN 978-86-80420-02-8, pp 215-219

72. **Ivan Stevovic,** "Human Resources Management as Contemporary Methodological Approach to Successful Economy", V Simpozijum inovacionih istraživanja SINOVIS-2015, 24-26.04.2015. Beograd, ISBN 978-46-88966-05-4, pp 297-303

73. Vlada Nikolic**, Ivan Stević,** *Politika identiteta i menadzment znanja u visokom obrazovanju - simbioza kreativne industrije i kvaliteta zivota,* Drugi naucno-strucni skup Politehnika - 2013 sa međunanordnim učešćem, "Inženjerstvo i integracije u oblasti kvaliteta, bezbednosti i zdravlja na radu i zaštite životne sredine", Beograd, 06. decembar 2013.god.

KVALITATIVNA OCENA NAUČNOG I PEDAGOŠKOG DOPRINOSA DR IVANA STEVOVIĆA
QUALITATIVE ASSESSMENT OF THE SCIENTIFIC AND PEDAGOGICAL CONTRIBUTION OF DR IVAN STEVOVIĆ

1. Pokazatelji uspeha u naučnom radu

1.1 Članstva u odborima međunarodnih naučnih konferencija, odborima naučnih društava i profesionalnim udruženjima:

- Ivan Stević je član Organizacionog odbora Međunarodne naučne konferencije o turizmu, 23–25. jun 2017., podnaslov konferencije „Održivi turizam - put ka uspehu" u Vrnjačkoj Banji.
- **Ivan Stević je član naučnog odbora** 2nd International Conference ,,Conference on Advances in Science and Technology'', COAST , 31. may- 03. June 2023. Herceg Novi, Montenegro.
- **Član sekcije mladih Srpske kraljevske akademije inovacionih nauka**
- **Član udruženja „Ekološka vizija"**

1.2 Uređivanje i članstva u uređivačkim odborima naučnih časopisa i monografija

- **Ivan Stević je Section Editor** časopisa „Global sustainability challenges", Journal abbreviation: Gl. Sust. Chall.
- **Ivan Stević je urednik Zbornika radova** 2nd International Conference ,,Conference on Advances in Science and Technology'', COAST , 31. may- 03. June 2023. Herceg Novi, Montenegro.

2. Angažovanost u razvoju uslova za naučni rad, obrazovanju i formiranju naučnih kadrova

2.1 Doprinos razvoju nauke u zemlji

Razradom novih i unapređenjem postojećih metoda i modela za integraciju OIE, kandidat je naučnoj javnosti ponudio novu metodologiju za određivanje optimalnog kapaciteta za integraciju OIE u društveno ekonomski i elektro energetski sistem, kao podršku donosiocima odluka u okviru strateškog menadžmena.

2.2 Pedagoški rad

Ivan S. Stević je od 2015-e godine za vreme master akademskih studija radio kao saradnik u nastavi na Univerzitetu Union Nikola Tesla, na Fakultetu za ekologiju i zaštitu životne sredine, na Arhitektonskom i na Građevinskom fakultetu.
Bio je angažovan na predmetima:

- Inženjerstvo zaštite životne sredine;
- Ekologija i građena sredina.
- Ocena i upravljanje resursima;

- Obnovljivi izvori energije;

Dr Ivan Stevović je bio član komisija za odbranu diplomskih i specijalističkih radova, master teza i doktorskih disertacija. Na bazi dosadašeg se zaključuje da dr Ivan Stevović ima proverene pedagoške sposobnosti, osposobljenost za savremenu organizaciju obrazovnog rada i uspešnost u realizaciji predavanja, vežbi, seminara, konsultacija i ispita.

2.3 Međunarodna saradnja

Dr Ivan Stevović je radio i kao "management committee substitute" – zamenik člana upravnog odbora EU za saradnju u nauci i tehnologiji na sledećim projektima:

1. CA15140 –WG2: Improving Applicability of Nature-Inspired Optimisation by Joining Theory and Practice, Working Group 2 (Theory-Driven Applications). http://www.cost.eu/about_cost/who/(type)/5/(wid)/52691; http://www.fm-hn.com/) (ImAppNIO);
2. TU1401 - Transport And Urban Development, Renewable energy and landscape quality (RELY), https://e-services.cost.eu/action/TU1401
3. Trenutno dr Ivan S. Stevović je angažovan na projektu saradnje sa dijasporom, finansiranim od strane Fonda za nauku Republike Srbije, pod nazivom: Artificial Intelligence and Nature Inspired Optimization in the Function of Sustainable Water Management.

2.4 Organizacija naučnih skupova

Ivan Stevović je bio co-chair sekcije "Green economy and better governance 2" na međunarodnoj konferenciji pod nazivom 16th SDEWES Conference on Sustainable Development of Energy, Water and Environment Systems, October 10 - 15, 2021. Dubrovnik, Croatia

3. Organizacija naučnog rada

Rukovođenje projektima i podprojektima: dr Ivan S. Stevović je bio učesnik na naučno istraživačkom projektu tehnološkog razvoja, rukovođenom od strane Mašinskog fakulteta Univerziteta u Beogradu, podprojekat br TR35030/3: „Razvoj i primena metodoloških i softverskih korelacionih modela tehničkih sistema i životne sredine". Projekat je finansiralo Ministarstvo prosvete, nauke i tehnološkog razvoja, kao i na naučno istraživačkom projektu EE18031: "Povećanje energetske efikasnosti u funkciji održivog razvoja".
Dr Ivan Stevović je bio na tri studijsko-istraživačka putovanja na Tehničkom univerzitetu u Delftu, kao učesnik na projektu saradnje sa dijasporom, finansiranom od strane Fonda za nauku Republike Srbije, gde je pokazao visok stepen samostalnosti I sposobnosti za organizaciju naučnog rada, kako u periodu izrade projekta u zemlji, tako i u Holandiji, sa inostranim kolegama.
Dr Ivan Stevović je recenzovao brojne radove sa SCI i ESCI liste.

4. Kvalitet naučnih rezultata

4.1. Uže oblasti istraživanja

Naučno istraživačka delatnost dr Ivana Stevovića je u oblasti **menadžmenta i biznisa**, a generalno se kretala u okviru sledećih užih oblasti istraživanja:

4.1.1. Cirkularna ekonomija i osavremenjene tehno ekonomske analize u kontekstu održivog menadžmenta. Značajan doprinos kvalitetu naučnih rezultata u ovoj oblasti, kandidat daje proširenjem višekriterijumskih analiza i uvođenjem novih metoda numeričke kvantifikacije u strateške projekte i analize cirkularne ekonomije. U radovoma pod rednim brojem 1 i 11 u bibliografiji, kandidat unapređuje standardne tehno ekonomske analize višekriterijumskim pristupom, sa ciljem poboljšanja upravljanja resursima. Teorijske postavke kandidat proverava na studiji slučaja problema tehno ekonomske opravdanosti izgradnje novog industrijskog postrojenja Đerdap III, čime dokazuje njegovu isplativost iz ugla održivog menadžmenta resursima. U radu broj 31 dr Ivan Stevović uvodi metode numeričkog kvantifikatora u menadžment strateških projekata i analiza. Time kandidat realizuje nove rezultate u domenu kvantifikovanja lingvističkih ulaznih varijabli, kao što su uticaji na životnu sredinu i pitanje održivosti, u kontekstu cirkularne ekonomije. U radu broj 8 kandidat numerički kvantifikuje lingvističke varijable i uvodi ih jednovremeno i ravnopravno sa tehničkim varijablama u proces strateškog odlučivanja o izboru održivog i profitabilnog rešenja.

4.1.2. Interdisciplinarni modeli integracije OIE kao podrška strategijskom, taktičkom i operativnom menadžmentu. Pregledom radova kandidata iz ove oblasti, može se zaključiti da se doprinos kandidata ogleda u stalnom i sistematičnom naglašavanju osnovnih postavki cirkularne ekonomije, što u principu ima veliki značaj u širem smislu, jer omogućava zainteresovanima da na kvalitetan način dođu do informacija o metodološkom pristupu najsavremenijem ekonomskom pristupu menadžmenta resursima. U radu broj 12 kandidat razvija nove interdisciplinarne modele integracije industrijskih postrojenja u elektro energetski sistem, koji funkcionišu po principima cirkularne ekonomije. Analizirana su četiri scenarija implementacije solarnog industrijskog postrojenja. Metodologija se oslanja na optimizaciju inspirisanu prirodom. Primenjeni su evolucioni višekriterijumski genetski algoritmi. Optimizacija se zasniva na troškovima proizvodnje električne energije, obuhvatajući ne samo troškove tehnologije, već i troškove zaštite životne sredine i troškove obezbeđenja održivog razvoja. Ovi troškovi su uključeni u model i ciljne funkcije su formirane u skladu sa tim. Ciljevi se zasnivaju na maksimizaciji proizvodnje električne energije do nivoa potražnje, minimiziranju ukupnih troškova proizvodnje električne energije i minimiziranju emisije gasova staklene bašte. U radu 7 dr Ivan Stevović interdisciplinarno istražuje različite modele integracije obnovljivih izvora energije, sa ciljem unapređenja energetskog menadžmenta, čime značajno doprinosi ostvarenju usvojenih upravljačkih energetskih strategija do 2050-e godine. Kandidat u radu interdisciplinarnim pristupom analizira, integriše i harmonizuje istraživanja iz oblasti strateškog menadžmenta, upravljanja resursima, cirkularne ekonomije, energetike, ekološkog menadžmenta i održivog razvoja u koherentnu celinu, kroz fizičke i matematičko statističke simulacione i korelacione modele. Razvijeni modeli su primenljivi kao generator sistema za podršku odlučivanju u industriji.

4.1.3. Matematičko modelovanje funkcije održivosti u menadžmentu resursima. Da bi cilj održivosti i usklađenosti rešenja integracije OIE sa životnom sredinom bio ostvaren, dr Ivan Stevović je istraživao mogućnosti matematičko-statističkog modelovanja, istovremeno i ravnopravno, svih ulaznih varijabli (tehničkih, ekonomskih, ekoloških i sociooloških) koje su u funkciji cilja, kao što je prikazano u radovima pod rednim brojem 13 i 15. Rezultati ovih istraživanja su unapređeni višekriterijumski matematičko-statistički modeli i metode operacionih istraživanja, prilagođeni na oblast menadžmenta resursima, rad broj 21. U tom smislu, dr Ivan Stevović čini značajan doprinos matematičkom modelovanju funkcije održivosti u oblasti interdisciplinarnog holističkog razvoja

integracije OIE u industriji proizvodnje električne energije sa imperativom prelaska na obnovljive izvore energije.

4.1.4. Korelacioni modeli tehničkih, ekonomskih i ekoloških sistema kao podrška donosiocima odluka. Simulaciju uticaja tehničkih sistema kandidat sprovodi primenom matematičko-statističkog triangulacionog modela, pri čemu u optimizacije, pored ekonomskog, uvodi i sociološki faktor i kriterijume ekološkog menadžmenta i održivog razvoja, što se najbolje ogleda u radu broj 7. Da bi se istražile mogućnosti za primenu solarnog potencijala i utvrdilo da li je moguće veće investiranje u solarne kapacitete, dr Ivan Stevović je u ovom radu razvio kompleksan model, koji je primenio u 28 zemalja Evrope i u Srbiji. Holistički pristup obuhvata korelacioni višedimenzionalni model linearne regresije, ekonomsku analizu i istraživanje socijalne prihvatljivosti povećanja stepena implementacije solarnih industrijskih postrojenja. Prvi pravac istraživanja obuhvata linearnu regresionu analizu. Broj i tipovi masivnih ulaznih varijabli su određeni uz kriterijum maksimiziranja nivoa objašnjenja fenomena i stepena značajnosti ulaznih varijabli. Izračunavanjem 255 kombinacija za osam različitih ulaznih varijabli za četiri različita vremenska preseka, kvantifikovana je moguća proizvodnja iz solarnih industrijskih postrojenja u 29 zemalja. Postignuti rezultati su podvrgnuti složenim analizama osetljivosti. Drugi pravac istraživanja obuhvata analizu troškova proizvodnje u odnosu na tržišne cene proizvodnje solarne električne energije. Primenjen je ekonomski metod ujednačenog troška električne energije. Treći istraživački pravac je u domenu ispitivanja “public hearing” (javnog mnenja). Kreirani su upitnici i dodatna pitanja za intervjue sa ekspertima iz oblasti. Diskusija o trenutnoj situaciji i pozitivnoj praksi u svetu obuhvata sve poslovne, regulatorne, finansijske i ekonomske aspekte, uključujući procenu rizika ulaganja. U radu broj 8 kandidat holističkim pristupom obuhvata korelacioni višedimenzionalni model linearne regresije, ekonomsku analizu i sociološke analize prihvatljivosti povećanja stepena implementacije industrijskih postrojenja za proizvodnju energije u Srbiji, a prema razvijenom korelacionom modelu upravljačkih struktura Evrope. Cilj istraživanja dr Ivan Stevović realizuje razvojem triangulacionog modela i prirodom inspirisanog optimizacionog modela multidimenzionalnih genetskih algoritama, najpre u društveno ekonomsko okruženje, a zatim ponovo holistički u okviru realnog elektro energetskog sistema Srbije.

4.2. Citiranost radova dr Ivana Stevovića

Na dan 20.07.2023. dr Ivan Stevović, prema Research Gate ima 146 citata i *h* index = 7.

4.3. Parametri kvaliteta časopisa

Najveći impakt faktor časopisa u kojima su objavljeni radovi kandidata dr Ivana Stevovića je iz časopisa Energy:
IF 9, CiteScore 14.9.

4.4. Stepen samostalnosti i stepen učešća u realizaciji radova u naučnim centrima u zemlji i inostranstvu

Dr Ivan Stevović je učestvovao u tri ciklusa samostalnog istraživanja na Tehničkom univerzitetu u Delftu, u trajanju od po 30 dana, u okviru projekta Veštačka inteligencija i prirodom inspirisane optimizacije u funkciji održivog upravljanja vodama (“*Artificial Intelligence and Nature Inspired Optimization in the Function of Sustainable Water Management*”). Vezano sa rezultatima tog istraživanja i iskustvima sa Tehničkog univerziteta u Delftu, održao je predavanje I radionicu 24. 01. 2023. godine na Mašinskom fakultetu u Beogradu.

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