

<b>Name of teacher:</b>	Ivan Marović
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<b>Employed at:</b> <b>Since:</b>	University of Rijeka, Faculty of Civil Engineering 07.05.2007.
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<b>Title:</b> <b>Since:</b> <b>In:</b>	Senior research associate / Assistant Professor 21.09.2018. / 07.04.2016. Interdisciplinary Field of Science, Project Management
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<b>e-mail address, web page</b>	Ivan.marovic@uniri.hr
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<b>Knowledge of foreign languages:</b>	English, german, czech
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<b>Qualifications</b>	<ul style="list-style-type: none"><li>- <b>date of birth, nationality:</b> 28.05.1982., Split, Republic of Croatia, croatian</li><li>- <b>First degree obtained at:</b> University of Split, Faculty of Civil Engineering and Architecture</li><li>- <b>Master degree obtained at:-</b></li><li>- <b>Ph.D. degree obtained at:</b> Universtiy of Zagreb, Faculty of Civil Engineering</li><li>- <b>additional education:</b> -</li><li>- <b>previous employments:</b> -</li></ul>
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<b>List of papers published in scientific journals</b>	<p>Hanak, Tomaš; Marović, Ivan; Jajac, Nikša. Challenges of electronic reverse auctions in construction industry – a review. // <i>Economies</i>, 8 (2020), 1; 1-14 doi:10.3390/economies8010013</p> <p>Androjić, Ivica; Dimter, Sanja; Marović, Ivan. The contribution to the urban heat islands exploration: underpasses and their elements. // <i>International journal of pavement engineering</i>, 21 (2020), 5; 608-619 doi:10.1080/10298436.2018.1502434</p> <p>Car-Pušić, Diana; Tijanić, Ksenija; Marović, Ivan; Mladen, Marko. Predicting Buildings Construction Cost Overruns on the Basis of Cost Overruns Structure. // <i>Scientific Review and Environmental Sciences</i>, 29 (2020), 3; 366-376 doi:10.22630/PNIKS.2020.29.3.31</p> <p>Androjić, Ivica; Marović, Ivan; Kaluđer, Jelena; Kaluđer, Gordana. Achieving sustainability through the temperature prediction of aggregate stockpiles. // <i>Journal of cleaner production</i>, 219 (2019), 451-460 doi:10.1016/j.jclepro.2019.02.099</p> <p>Androjić, Ivica; Marović, Ivan. Influence of compaction energy on volumetric properties of hot-mix asphalt with waste glass content. // <i>Journal of materials in civil engineering</i>, 31 (2019), 10; 04019241, 11 doi:10.1061/(ASCE)MT.1943-5533.0002887</p> <p>Car-Pušić, Diana; Marović, Ivan; Bulatović, Goran. Agile organizational model for managing local government projects. // <i>Electronic journal of the Faculty of Civil Engineering Osijek - e-GFOS</i>, 9 (2019), 18; 12-21 doi:10.13167/2019.18.2</p> <p>Androjić, Ivica; Marović, Ivan; Kaluđer, Gordana; Androjić, Jonatan. Application of solar aggregate stockpiles in the process of storing recycled materials. // <i>International journal of energy research</i>, 43 (2019), 6269-6282 doi:10.1002/er.4317</p> <p>Jajac, Nikša; Marović, Ivan; Rogulj, Katarina; Kilić, Jelena. Decision Support Concept to selection of wastewater treatment plant location - the case study of town of Kutina, Croatia. // <i>Water</i>, 11 (2019), 4; 1-16 doi:10.3390/w11040717</p> <p>Marović, Ivan; Benac, Vladimir; Viškanić, Mateo. Preliminary Analysis of Indoor Temperatures and Humidity in Urban Social Housing. // <i>IOP conference series. Earth and environmental science</i>, 222 (2019), 012011, 10 doi:10.1088/1755-1315/222/1/012011</p> <p>Tijanić, Ksenija; Šopić, Martina; Marović, Ivan; Car-Pušić, Diana. Analysis of the construction machinery work efficiency as a factor of the earthworks sustainability. // <i>IOP conference series. Earth and environmental science</i>, 222 (2019), 012009, 12 doi:10.1088/1755-1315/222/1/012009</p> <p>Hanak, Tomaš; Marović, Ivan; Jajac, Nikša. Effect of electronic reverse auctions on competition and abnormally low bids in public construction procurement. // <i>Tehnički vjesnik : znanstveno-stručni časopis tehničkih fakulteta Sveučilišta u Osijeku</i>, 25 (2018), Suppl. 1; 144-148 doi:10.17559/TV-20160212144243</p>
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Kilić, Jelena; Jajac, Nikša; Marović, Ivan. GIS-based decision support concept to planning of land acquisition for realization of urban public projects. // Croatian operational research review, 9 (2018), 1; 11-24 doi:10.17535/crorr.2018.0002

Marović, Ivan; Androjić, Ivica; Jajac, Nikša; Hanak, Tomaš. Urban road infrastructure maintenance planning with application of neural networks. // Complexity, 2018 (2018), 5160417, 10 doi:10.1155/2018/5160417

Biolek, Vojtech; Hanak, Tomaš; Marović, Ivan. Data Flow in Relation to Life-Cycle Costing of Construction Projects in the Czech Republic. // IOP Conference Series: Materials Science and Engineering, 245 (2017), 1-9 doi:10.1088/1757-899X/245/7/072032

Marović, Ivan; Sušanj, Ivana; Ožanić, Nevenka. Development of ANN model for wind speed prediction as a support for early warning system. // Complexity, 2017 (2017), 3418145, 10 doi:10.1155/2017/3418145

Androjić, Ivica; Marović, Ivan. Analysis of influential factors on heat accumulation in structural elements of road underpasses. // Solar energy, 155 (2017), 25-34 doi:10.1016/j.solener.2017.06.028

Androjić, Ivica; Marović, Ivan. Development of artificial neural network and multiple linear regression models in the prediction process of the hot mix asphalt properties. // Canadian journal of civil engineering, 44 (2017), 12; 994-1004 doi:10.1139/cjce-2017-0300

Marović, Ivan; Hanak, Tomaš. Selection of adequate site location during early stages of construction project management: A multi-criteria decision analysis approach. // IOP Conference Series: Materials Science and Engineering, 251 (2017), UNSP 012044, 8 doi:10.1088/1757-899X/251/1/012044

Sušanj, Ivana; Ožanić, Nevenka; Marović, Ivan. Methodology for developing hydrological models based on an Artificial Neural Network to establish an early warning system in small catchments. // Advances in meteorology. (2016), ArticleID 9125219; 1-14. DOI: 10.1155/2016/9125219

Jajac, Nikša; Marović, Ivan; Hanak, Tomaš. Podrška odlučivanju u upravljanju prometnim projektima u urbanim sredinama. // Građevinar. 67 (2015), 2; 131-141.

Hanak, Tomaš; Marović, Ivan; Aigel, Petr. Perception of residential environment in cities: a comparative study. // Procedia Engineering. 117 (2015); 500-506

Marović, Ivan; Završki, Ivica; Jajac, Nikša. Ranking zones model – a multicriterial approach to the spatial management of urban areas. // Croatian Operational Research Review. 6 (2015), 1; 91-103

Ružić, Igor; Benac, Čedomir; Marović, Ivan; Ilić, Suzana. A stability assessment of coastal cliffs using digital imagery. // Acta Geotechnica Slovenica. 12 (2015), 2; 25-35

Gudac, Ivona; Marović, Ivan; Hanak, Tomaš. Sustainable optimization of winter road maintenance services under real-time information. // Procedia Engineering. 85 (2014); 183-192

Hanak, Tomaš; Marović, Ivan; Pavlović, Strahinja. Preliminary identification of residential environment assessment indicators for sustainable modelling of urban areas. // International Journal of Engineering Modelling. 27 (2014), 1-2; 61-68

Jajac, Nikša; Marović, Ivan. Management of urban road infrastructure projects – decision support concept to maintenance planning. // International Review of Civil Engineering. 5 (2014), 5; 156-162

Jajac, Nikša; Marović, Ivan; Baučić, Martina. Decision support concept for managing the maintenance of city parking facilities. // e-GFOS. 5 (2014), 9; 60-69

Marović, Ivan; Car-Pušić, Diana; Hrvatinić, Zlatko. Establishing a model to evaluate public administration projects. // e-GFOS. 5 (2014), 8; 56-66

Marović, Ivan; Jajac, Nikša. Decision support concept to management of student project proposals. // International Review of Civil Engineering. 5 (2014), 4; 124-129

Ružić, Igor; Marović, Ivan; Benac, Čedomir; Ilić, Suzana. Coastal cliff geometry derived from structure-from-motion photogrammetry at Stara Baška, Krk Island, Croatia. // Geo-marine letters. 34 (2014), 6; 555-565 (članak, znanstveni). DOI: 10.1007/s00367-014-0380-4

Hanak, Tomaš; Marović, Ivan. Benchmarking concept of small sized construction company. // Journal of Applied Engineering Science. 11 (2013), 4; 177-184

Marović, Ivan; Bošković, Dražen; Gudac, Ivona. Process Approach in Modeling Croatian Construction Contract Management Practice. // International Journal of Engineering Modelling. 25 (2012), 1-4; 19-26

Marović, Ivan; Žic, Elvis; Jajac, Nikša. Application of snapback chronometry method in calculation of regulation. // Journal of Civil Engineering and Architecture. 5 (2011), 3; 273-277

	Jajac, Nikša; Knezić, Snježana; Marović, Ivan. Decision support system to urban infrastructure maintenance management. // Organization, Technology and Management in Construction. 1 (2009), 2; 72-79
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<b>List of publications which serve as a proof of teaching qualifications</b>	List of publications is visible on <a href="http://bib.irb.hr/lista-radova?autor=297232">http://bib.irb.hr/lista-radova?autor=297232</a> .
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<b>Leader of the following research projects</b>	2019. - UNIRI+ project (uniri-pr-tehnic-19-18) – Decision support concept for sustainable management of urban areas (project leader: asst. prof. dr. sc. Ivan Marović)
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<b>Participant in the following research projects</b>	<p>2020. - UNIOS projekt – Monitoring ključnih parametara pouzdanosti sigurnosti i učinka toranjskih dizalica (project leader: asst. prof. dr. sc. Mario Galić),</p> <p>2018. - UNIRI project (uniri-technic-18-125) – Analysis of measures to reduce energy costs and maintenance of public educational facilities through the performance system (project leader: prof. dr. sc. Diana Car-Pušić),</p> <p>2014.-2017. UNIRI project (13.05.1.3.10) – Implementation of decision support based on performance concept in management of public buildings (project leader: assoc. prof. dr. sc. Diana Car-Pušić),</p> <p>2013.-2014. – Risk Identification and Land-Use Planning for Disaster Mitigation of Landslides and Floods in Croatia (project leader: prof. dr. sc. Nevenka Ožanić),</p> <p>2009.-2011. projekt (082-0831529-3024) – Productivity Optimization in Project Oriented Systems in Construction (project leader: prof. dr. sc. Ivica Završki),</p> <p>2007.-2008. – Exploration of industrial construction heritage of Rijeka and its surrounding (project leader: assoc. prof. dr. sc. Aleksandra Deluka Tipljaš).</p>
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<b>Supervision of MSc theses</b>	0
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<b>Supervision of PhD theses</b>	0
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<b>Examination of MSc theses</b>	0
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<b>Examination of PhD theses</b>	3
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