

Name of teacher:	Ivana Štimac Grandić
Employed at: Since:	Faculty of Civil Engineering, University of Rijeka 1 st July, 1997. –
Title: Since: In:	Associate Professor 2015 Civil Engineering, Technical Science
e-mail address, web page	istimac@gradri.uniri.hr ; https://portal.uniri.hr/Portfelj/887
Knowledge of foreign languages:	English

Qualifications	- Date of birth, nationality: 25.06.1972. in Rijeka, Croatian - First degree obtained at: Faculty of Civil Engineering, University of Rijeka, 1996. - Master degree obtained at: Faculty of Civil Engineering, University of Zagreb, 2003. - Ph.D. degree obtained at: Faculty of Civil Engineering and Architecture, University of Split, 2006. - additional education: - Advanced course: Parameter Identification of Materials and Structures, u CISM-u (International Centre for Mechanical Sciences) in Udine, Italy, 6th-10th of October 2003. - Education in the field of earthquake engineering within the TEMPUS project IB_JEP-16158-2001 organized by the Institute of Earthquake Engineering and Engineering Seismology, University "Ss. Cyril and Methodius", Skopje, Republic of Macedonia, in period November 2-9, 2003. - previous employments: -
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List of papers published in scientific journals	– Štimac Grandić, Ivana; Grandić, Davor: "Estimation of damage severity using sparse static measurement", Journal of Civil Engineering and Management, 23 (2017), 2; str. 213-221 – Grandić, Davor; Ščulac, Paulo; Štimac Grandić, Ivana: "Shear resistance of reinforced concrete beams in dependence on concrete strength in compressive struts", Tehnički vjesnik: znanstveno-stručni časopis tehničkih fakulteta Sveučilišta u Osijeku, 22 (2015), 4; str. 925-934 – Štimac Grandić, Ivana: "Serviceability verification of pedestrian bridges under pedestrian loading", Tehnički vjesnik: znanstveno-stručni časopis tehničkih fakulteta Sveučilišta u Osijeku, 22 (2015), 2; str. 527-537 – Štimac Grandić, Ivana; Grandić, Davor; Berić, Nikola: "Parameters affecting the reduction factor in pedestrian load models based on pulsating stationary force", Journal of Applied Engineering Science, 13 (2015), 3; str. 178-184 – Štimac Grandić, Ivana; Grandić, Davor; Bjelanović, Adriana: "Evaluation of Torsional Stiffness in Beam and Slab Bridge Decks Based on Load Testing", International Journal of Civil Engineering, 13 (2015), 3; str. 255-266 – Štimac Grandić, Ivana: "Influence of sampling interval on deflection-influence-line-based damage detection in beams" Journal of Applied Engineering Science, 12 (2014), 1; str. 69-74 – Štimac Grandić, Ivana; Grandić, Davor: "Damage quantification reliability in beams using incomplete static information", Machines, Technologies, Materials. 9 (2014); str. 3-7 – Štimac Grandić, Ivana; Jakovljević, Dario; Grandić, Davor: "Impact of omitting the static component from the design dynamic models of pedestrian load", Elektronički časopis Građevinskog fakulteta Osijek, e-GFOS. 9 (2014); str. 11-21 – Štimac Grandić, Ivana; Grandić, Davor; Mužić, Renata: "Određivanje dinamičkog koeficijenta na mostovima", e-gfos Elektronički časopis građevinskog fakulteta Osijek. 6 (2013); str. 23-33 – Štimac Grandić, Ivana; Kuželički, Lucija: "Mostovi u gornjem toku Rječine", Zbornik radova Građevinskog fakulteta Sveučilišta u Rijeci. XVI (2013); str. 313-332 – Štimac Grandić, Ivana; Grandić, Davor; Strelec, Iva: „Verification and Improvement of the Continuous Ribbed Bridge Deck Grillage Model Based on Field Testing“, Tehnički vjesnik: znanstveno-stručni časopis tehničkih fakulteta Sveučilišta Josipa Jurja Strossmayera u Osijeku, 19 (2012), 3, str. 611-616 – Štimac Grandić, Ivana; Grandić, Davor; Brezac, Goran: „Određivanje proračunske širine T-presjeka poprečnog nosača rebrastog grednog mosta“, e-GFOS, 3 (2011), str. 39-52. – Štimac Grandić, Ivana; Grandić, Davor; Bjelanović, Adriana, Comparison of techniques for damage identification based on influence line approach“, Machines, technologies, materials, 7
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	(2011), str. 9-13 – Deluka-Tibljaš, Aleksandra; Karleuša, Barbara; Štimac Grandić, Ivana: "Definiranje ishoda učenja na studijima građevinarstva Sveučilišta u Rijeci", Građevinar 63 (2011), 1, Zagreb, str. 1-10 – Štimac Grandić, Ivana; Mihanović, Ante; Kožar, Ivica: "Otkrivanje oštećenja ploča usporedbom zakrivljenosti utjecajnih ploha progiba", Građevinar, 61 (2009), 3, Zagreb, str. 231-241 – Štimac Grandić, Ivana; Ivančić, Ana; Liker, Bojan: "Parametric analysis of wind action on slab bridge deck", Engineering review: znanstveni časopis za nove tehnologije u strojarstvu, brodogradnji i elektrotehnici, 31 (2011), 1; str. 45-54 – Štimac, Ivana; Kožar, Ivica; Mihanović, Ante: "Otkrivanje oštećenja greda s pomoću utjecajnih linija progiba", Građevinar, 59 (2007), 12, str. 1053-1066 – Štimac, Ivana; Meštrović, Darko; Kožar, Ivica: "Analiza mostovnih konstrukcija pobuđenih pokretnim opterećenjem", Građevinar, 56 (2004), 6, str. 347-353
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List of publications which serve as a proof of teaching qualifications	– Štimac Grandić, Ivana; Grandić, Davor: "Estimation of damage severity using sparse static measurement", Journal of Civil Engineering and Management, 23 (2017), 2; str. 213-221 – Grandić, Davor; Šćulac, Paulo; Štimac Grandić, Ivana: "Shear resistance of reinforced concrete beams in dependence on concrete strength in compressive struts", Tehnički vjesnik: znanstveno-stručni časopis tehničkih fakulteta Sveučilišta u Osijeku, 22 (2015), 4; str. 925-934 – Štimac Grandić, Ivana: "Serviceability verification of pedestrian bridges under pedestrian loading", Tehnički vjesnik: znanstveno-stručni časopis tehničkih fakulteta Sveučilišta u Osijeku, 22 (2015), 2; str. 527-537 – Štimac Grandić, Ivana; Grandić, Davor; Berić, Nikola: "Parameters affecting the reduction factor in pedestrian load models based on pulsating stationary force", Journal of Applied Engineering Science, 13 (2015), 3; str. 178-184 – Štimac Grandić, Ivana; Grandić, Davor; Bjelanović, Adriana: "Evaluation of Torsional Stiffness in Beam and Slab Bridge Decks Based on Load Testing", International Journal of Civil Engineering, 13 (2015), 3; str. 255-266 – Štimac Grandić, Ivana: "Influence of sampling interval on deflection-influence-line-based damage detection in beams" Journal of Applied Engineering Science, 12 (2014), 1; str. 69-74 – Štimac Grandić, Ivana; Grandić, Davor: "Damage quantification reliability in beams using incomplete static information", Machines, Technologies, Materials. 9 (2014); str. 3-7 - Štimac Grandić, Ivana; Jakovljević, Dario; Grandić, Davor: "Impact of omitting the static component form the design dynamic models of pedestrian load", Elektronički časopis Građevinskog fakulteta Osijek, e-GFOS. 9 (2014); str. 11-21 – Štimac Grandić, Ivana; Grandić, Davor; Mužić, Renata: "Određivanje dinamičkog koeficijenta na mostovima", e-gfos Elektronički časopis građevinskog fakulteta Osijek. 6 (2013); str. 23-33 – Štimac Grandić, Ivana; Kuželički, Lucija: "Mostovi u gornjem toku Rječine", Zbornik radova Građevinskog fakulteta Sveučilišta u Rijeci. XVI (2013); str. 313-332 – Štimac Grandić, Ivana; Grandić, Davor; Strelec, Iva: „Verification and Improvement of the Continuous Ribbed Bridge Deck Grillage Model Based on Field Testing“, Tehnički vjesnik: znanstveno-stručni časopis tehničkih fakulteta Sveučilišta Josipa Jurja Strossmayera u Osijeku, 19 (2012), 3, str. 611-616 – Štimac Grandić, Ivana; Grandić, Davor; Brezac, Goran: „Određivanje proračunske širine T-presjeka poprečnog nosača rebrastog grednog mosta“, e-GFOS, 3 (2011), str. 39-52. – Štimac Grandić, Ivana; Grandić, Davor; Bjelanović, Adriana, Comparison of techniques for damage identification based on influence line approach“, Machines, technologies, materials, 7 (2011), str. 9-13 – Deluka-Tibljaš, Aleksandra; Karleuša, Barbara; Štimac Grandić, Ivana: "Definiranje ishoda učenja na studijima građevinarstva Sveučilišta u Rijeci", Građevinar 63 (2011), 1, Zagreb, str. 1-10 – Štimac Grandić, Ivana; Mihanović, Ante; Kožar, Ivica: "Otkrivanje oštećenja ploča usporedbom zakrivljenosti utjecajnih ploha progiba", Građevinar, 61 (2009), 3, Zagreb, str. 231-241 – Štimac Grandić, Ivana; Ivančić, Ana; Liker, Bojan: "Parametric analysis of wind action on slab bridge deck", Engineering review: znanstveni časopis za nove tehnologije u strojarstvu, brodogradnji i elektrotehnici, 31 (2011), 1; str. 45-54 – Štimac, Ivana; Kožar, Ivica; Mihanović, Ante: "Otkrivanje oštećenja greda s pomoću utjecajnih
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	linija progiba", Građevinar, 59 (2007), 12, str. 1053-1066 – Štimac, Ivana; Meštrović, Darko; Kožar, Ivica: "Analiza mostovnih konstrukcija pobuđenih pokretnim opterećenjem", Građevinar, 56 (2004), 6, str. 347-353 – Štimac Grandić, Ivana; Ferencić, Daniela; Grandić, Davor; Ščulac, Paulo: „Utjecaj oblikovanja stupova mostova na njihovo vjetrovno opterećenje“ Sabor hrvatskih graditelja 2012, Cavtat, Hrvatska, 15-17.11.2012., Graditeljstvo - poluga razvoja / Lakušić, Stjepan (ur.), Zagreb : Hrvatski savez građevinskih inženjera, 2012., str. 299-310. – Štimac Grandić, Ivana; Ardalić, Zoran; Ščulac, Paulo: "Valorization of various grillage models of underpass based on field test", Četvrti internacionalni naučno-stručni skup "Građevinarstvo-nauka i praksa", Žabljak, Crna Gora, 20-24.02.2012, Zbornik radova GNP 2012 / Knežević, Miloš ; Šćepanović, Biljana (ur.), Žabljak : Univerzitet Crne Gore Građevinski fakultet, 2012., str. 361-366 – Štimac Grandić, Ivana; Grandić, Davor: "Novo građevinsko tehničko zakonodavstvo u Hrvatskoj", Zbornik radova Međimurskog veleučilišta u Čakovcu, 2 (2011) , 2; str. 111-121.
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Leader of the following research projects	- Research project "Damage assessment and strengthening of structures" (project number 13.05.1.1.0), from 2015 to 2017. (financed by University of Rijeka)
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Participant in the following research projects	- Research project "Scientific basis for the development of irrigation in the Republic of Croatia" (No. ZNV project, 114104, Project leader: Prof. Zorko Kos), from 2nd of July, 1997 to 11th of December 2002. - Research project "Numerical modelling of quasi-brittle materials" (No. ZNV project, 0114002, Project leader: Prof. Ivica Kožar), 12th of December 2002 to 1st of February 2007. - Research project "Flexible long construction: non-linear modelling with visualization" (project number 114-0982562-1460, Project leader: Prof. Ivica Kožar), from 2nd of February 2007 to January 2010. - Research project "Damage assessment and strengthening of structures" (project number 13.05.1.1.01, Project leader: Prof. Nenad Bičanić), from 2013 to 2015.
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Supervision of MSc theses	-
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Supervision of PhD theses	-
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Examination of MSc theses	-
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Examination of PhD theses	-
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