

Name of teacher:	Igor Ružić
Employed at: Since:	Faculty of Civil Engineering University of Rijeka, 15.7.2005.
Title: Since: In:	Assistant professor 1.5.2016. Hydrotechnics
e-mail address, web page	iruzic@uniri.hr , https://portal.uniri.hr/portfelj/1251
Knowledge of foreign	English, Italian

Qualifications	<p>Date of birth: 6.4.1977. Nationality: Croat First degree obtained at: Faculty of Civil Engineering University of Rijeka, 10.2003. Ph.D. degree obtained at: Faculty of Civil Engineering University of Rijeka, 12.2014. Additional education:</p> <ul style="list-style-type: none"> ➤ Aktivno učenje i kritičko mišljenje u visokoškolskoj nastavi (2006) ➤ E-učenje u nastavnom procesu (2010) ➤ Teaching professionals to teach (2015) ➤ Uvod u primjenu e-učenja - korištenje Merlina (2020) ➤ Oblikovanje e-predmeta za provedbu hibridne nastave (2020) <p>Previous employments</p> <ul style="list-style-type: none"> ➤ 2015- Assistant professor, Faculty of Civil Engineering University of Rijeka ➤ 2014-2015 Postdoc, Faculty of Civil Engineering University of Rijeka ➤ 2005-2014 Research fellow, Faculty of Civil Engineering University of Rijeka ➤ 2003-2005 Engineer, Hrvatske Vode VGO Rijeka
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List of papers published in scientific journals	<ul style="list-style-type: none"> ➤ Krvavica, Nino; Ružić, Igor Assessment of sea-level rise impacts on salt-wedge intrusion in idealized and Neretva River Estuary. // Estuarine, coastal and shelf science, 234 (2020), 106638, 13 doi:10.1016/j.ecss.2020.106638 ➤ Krvavica, Nino; Peroli, Gabrijel; Ružić, Igor; Ožanić, Nevenka Time-dependent numerical model for simulating internal oscillations in a sea organ. // Ocean engineering, 205 (2020), 107336, 11 doi:10.1016/j.oceaneng.2020.107336 ➤ Benac, Čedomir; Bočić, Neven; Ružić, Igor On the origin of both a recent and submerged tombolo on Prvić Island in the Kvarner area (Adriatic Sea, Croatia). // Geologia Croatica : journal of the Croatian Geological Survey and the Croatian Geological Society, 72 (2019), 3; 195-203 doi:10.4154/gc.2019.14 ➤ Ružić, Igor; Dugonjić Jovančević, Sanja; Benac, Čedomir; Krvavica, Nino Assessment of the Coastal Vulnerability Index in an Area of Complex Geological Conditions on the Krk Island, Northeast Adriatic Sea. // Geosciences, 9 (2019), 5; 1-17 doi:10.3390/geosciences9050219 ➤ Krvavica, Nino; Ružić, Igor; Ožanić, Nevenka Integrated computational model for Sea Organ simulation. // Građevinar, 70 (2018), 4; 287-295 doi:10.14256/JCE.2171.2017 (međunarodna recenzija, prethodno priopćenje, znanstveni) ➤ Pikelj, Kristina; Ružić, Igor; Ilić, Suzana; James, Mike R.; Kordić, Branko Implementing an efficient beach erosion monitoring system for coastal management in Croatia. // Ocean & coastal management, 156 (2018), 223-238 doi:10.1016/j.ocecoaman.2017.11.019 ➤ Ružić, Igor; Benac, Čedomir; Ilić, Suzana; Krvavica, Nino; Rubinić, Josip Geomorfološke promjene minijaturnog žala na kršu. // Hrvatske vode : časopis za vodno gospodarstvo, 26 (2018), 103; 27-34. (https://www.bib.irb.hr/929296) ➤ Krvavica, Nino; Ružić, Igor; Ožanić, Nevenka New Approach to Flap-Type Wavemaker Equation with Wave Breaking Limit. // Coastal engineering journal, 60 (2018), 1; 69-78 doi:10.1080/21664250.2018.1436242 ➤ Benac, Čedomir; Rubinić, Josip; Ružić, Igor; Radišić, Maja Geomorfološka evolucija riječnih dolina i ušća na istarskom poluotoku. // Hrvatske vode : časopis za vodno gospodarstvo, 24 (2017), 100; 71-80. (https://www.bib.irb.hr/882123)
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	<ul style="list-style-type: none"> ➤ Ružić, Igor; Benac, Čedomir Ranjivost obala otoka Raba zbog rasta razine mora. // Hrvatske vode : časopis za vodno gospodarstvo, 24 (2016), 67; 203-214. (https://www.bib.irb.hr/831652) ➤ 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. (https://www.bib.irb.hr/716100) ➤ 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 doi:10.1007/s00367-014-0380-4 (recenziran, članak, stručni) ➤ Krvavica, Nino; Mofardin, Boris; Ružić, Igor; Ožanić, Nevenka Mjerenje i analiza zaslanjivanja na ušću Rječine. // Građevinar, 64 (2012), 11; 923-933 (podatak) ➤ Karleuša, Barbara; Krvavica, Nino; Ružić, Igor Selection of appropriate coastal protection structure using AHP method. // Environmental Sciences Proceedings, 2 (2020), 1; 4, 10 doi:10.3390/envirosciproc2020002004 (međunarodna recenzija, članak, znanstveni) ➤ Krvavica, Nino; Ružić, Igor; Ožanić, Nevenka Analiza procjene intenziteta oborine pomoću X-band radara. // Hrvatske vode : časopis za vodno gospodarstvo, 24 (2016), 96; 137-146 (podatak o recenziji nije dostupan, prethodno priopćenje, znanstveni) ➤ Ružić, Igor; Rubinić, Josip; Ožanić, Nevenka Modeliranje sintetičkih nizova podataka – primjer modeliranja mjesečnih količina oborina. // Građevinar, 59 (2007), 8; 665-673. (https://www.bib.irb.hr/306943) ➤ Benac, Čedomir; Ružić, Igor; Žic, Elvis Ranjivost obala u području Kvarnera. // Pomorski zbornik Annals of maritime Studies, 44 (2007), 201-214. (https://www.bib.irb.hr/317115)
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<p>List of publications which serve as a proof of teaching qualifications</p>	<ul style="list-style-type: none"> ➤ Krvavica, Nino; Ružić, Igor Assessment of sea-level rise impacts on salt-wedge intrusion in idealized and Neretva River Estuary. // Estuarine, coastal and shelf science, 234 (2020), 106638, 13 doi:10.1016/j.ecss.2020.106638 ➤ Krvavica, Nino; Peroli, Gabrijel; Ružić, Igor; Ožanić, Nevenka Time-dependent numerical model for simulating internal oscillations in a sea organ. // Ocean engineering, 205 (2020), 107336, 11 doi:10.1016/j.oceaneng.2020.107336 ➤ Benac, Čedomir; Bočić, Neven; Ružić, Igor On the origin of both a recent and submerged tombolo on Prvić Island in the Kvarner area (Adriatic Sea, Croatia). // Geologia Croatica : journal of the Croatian Geological Survey and the Croatian Geological Society, 72 (2019), 3; 195-203 doi:10.4154/gc.2019.14 ➤ Ružić, Igor; Dugonjić Jovančević, Sanja; Benac, Čedomir; Krvavica, Nino Assessment of the Coastal Vulnerability Index in an Area of Complex Geological Conditions on the Krk Island, Northeast Adriatic Sea. // Geosciences, 9 (2019), 5; 1-17 doi:10.3390/geosciences9050219 ➤ Krvavica, Nino; Ružić, Igor; Ožanić, Nevenka Integrated computational model for Sea Organ simulation. // Građevinar, 70 (2018), 4; 287-295 doi:10.14256/JCE.2171.2017 (međunarodna recenzija, prethodno priopćenje, znanstveni) ➤ Pikelj, Kristina; Ružić, Igor; Ilić, Suzana; James, Mike R.; Kordić, Branko Implementing an efficient beach erosion monitoring system for coastal management in Croatia. // Ocean & coastal management, 156 (2018), 223-238 doi:10.1016/j.ocecoaman.2017.11.019 ➤ Ružić, Igor; Benac, Čedomir; Ilić, Suzana; Krvavica, Nino; Rubinić, Josip Geomorfološke promjene minijaturnog žala na kršu. // Hrvatske vode : časopis za vodno gospodarstvo, 26 (2018), 103; 27-34. (https://www.bib.irb.hr/929296) ➤ Krvavica, Nino; Ružić, Igor; Ožanić, Nevenka New Approach to Flap-Type Wavemaker Equation with Wave Breaking Limit. // Coastal engineering journal, 60 (2018), 1; 69-78 doi:10.1080/21664250.2018.1436242 ➤ Benac, Čedomir; Rubinić, Josip; Ružić, Igor; Radišić, Maja Geomorfološka evolucija riječnih dolina i ušća na istarskom poluotoku. // Hrvatske vode : časopis za vodno gospodarstvo, 24 (2017), 100; 71-80. (https://www.bib.irb.hr/882123)
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	<ul style="list-style-type: none"> ➤ Ružić, Igor; Benac, Čedomir Ranjivost obala otoka Raba zbog rasta razine mora. // Hrvatske vode : časopis za vodno gospodarstvo, 24 (2016), 67; 203-214. (https://www.bib.irb.hr/831652) ➤ 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. (https://www.bib.irb.hr/716100) ➤ 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 doi:10.1007/s00367-014-0380-4 ➤ Krvavica, Nino; Mofardin, Boris; Ružić, Igor; Ožanić, Nevenka Mjerenje i analiza zaslanjivanja na ušću Rječine. // Građevinar, 64 (2012), 11; 923-933
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Leader of the following research projects	<ul style="list-style-type: none"> ➤ 2017-: Geo-hazard in Kvarner Bay area.
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Participant in the following research projects	<ul style="list-style-type: none"> ➤ 2014-2017: Geo-hazard in Kvarner Bay area, Faculty of Civil Engineering University of Rijeka (associate and leader) ➤ 2014-2016: "Networking for Drinking Water Supply in Adriatic Region" – DRINKADRIA, Faculty of Civil Engineering University of Rijeka (associate) ➤ 2014-2015: Življenje-Voda/Život-Voda!" – ŽIVO, Faculty of Civil Engineering University of Rijeka ➤ 2011-2013: Risk identification and land-use planning for disaster mitigation of landslides and floods in Croatia, Faculty of Civil Engineering University of Rijeka (associate) ➤ 2006 – 2007: "KEEP WATERS CLEAN ", Faculty of Civil Engineering University of Rijeka (associate)
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Supervision of MSc theses	3
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Supervision of PhD theses	0
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Examination of MSc theses	5
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Examination of PhD theses	0
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