

Name of teacher:	Sanja Dugonjić Jovančević
Employed at: Since:	UNIVERSITY OF RIJEKA, FACULTY OF CIVIL ENGINEERING 11/2006
Title: Since: In:	ASSOCIATE PROFESSOR 09/2020 Geotechnics, Technical Sciences
e-mail address, web page	sanja.dugonjic@uniri.hr , https://portal.uniri.hr/Portfelj/1391
Knowledge of foreign languages:	ENGLISH, GERMAN, ITALIAN
Qualifications	- date of birth, nationality:15/12/1981, CROAT - First degree obtained at: UNIVERSITY OF RIJEKA, FACULTY OF CIVIL ENGINEERING - Ph.D. degree obtained at: UNIVERSITY OF RIJEKA, FACULTY OF CIVIL ENGINEERING - additional education:Certified EU Project Manager; E- learning course, IT academy University of Rijeka; LARAM (Landslide Risk Assessment and Mitigation) SCHOOL, Salerno Education at Japanese universities (Niigata University, Tohoku Gakuin University, Kyoto University and ICL, Shizuoka University) during two months period; Education inside the course „Methodologies and techniques in the EU directives application in the area of the human interventions impact on the environment” together with the IUAV university from Venice; Course Teaching Professionals to Teach (TP2T) together with the Faculty of medicine at University of Rijeka, in 2018, she attended two courses at the Center for Teacher Education at the Faculty of Philosophy in Rijeka within the program "Teacher Competences in Higher Education: Learning and Teaching", and a Mentoring Workshop at the Technical Faculty of the University of Rijeka; in 2020, at the Faculty of Philosophy in Rijeka, she attended and passed the Teaching Competences in Higher Education: Performing Quality Assurance in Higher Education. - previous employments: Communal society GKTD Ivanj, Novi Vinodolski as Leader of facilities in communal infrastructure
List of papers published in scientific journals	Benac Č., Dugonjić S., Vivoda M., Oštrić M., Arbanas, Ž. (2011), A complex landslide in the Rječina Valley: results of monitoring 1998-2010, <i>Geologia Croatica: journal of the Croatian Geological Survey and the Croatian Geological Society</i>. 64 (2011), 3; pp 239-249. Dugonjić Jovančević S., Arbanas Ž. (2012), Recent landslides on the Istrian Peninsula, Croatia, <i>Natural hazards</i>. Vol.62, 3; pp 1323-1338 Vivoda M., Benac Č., Žic E., Đomlija P., Dugonjić Jovančević S. (2012), Geohazard u dolini Rječine u prošlosti i sadašnjosti, <i>Hrvatske vode- časopis za vodno gospodarstvo</i>, 20 (2012), 81, pp 105-116. Dugonjić Jovančević S., Arbanas Ž., Benac Č., Mihalić Arbanas S. (2012) Landslide susceptibility analyses in flysch areas in the north-eastern part of the Adriatic coast, <i>Risk Analysis VIII</i>, Brebbia, Carlos (ed.), Southampton : WIT Press, doi:10.2495/RISK120211, pp 237-248. Benac, Č., Oštrić, M., Dugonjić Jovančević, S. (2014) Geotechnical properties in relation to grain-size and mineral composition: The Grohovo landslide case study (Croatia), <i>Geologia Croatica: Journal of the Croatian Geological Survey and the Croatian Geological Society</i>, 67(2): 127-136. Dugonjić Jovančević, s., Peranić, J., Ružić, I., Arbanas Ž. (2016) Analysis of a historical landslide in the Rječina River Valley, Croatia, <i>Geoenvironmental Disasters</i>, 3 (2016) , 26; 1-9. Dugonjić Jovančević, S., Arbanas Ž. (2017) Influence of the runoff potential on landslide-susceptible areas along the flysch–karst contact in Istria, Croatia, <i>Natural hazards</i>. 85 (2017), 3; 1347-1362. Ružić, I., Dugonjić Jovančević, S., Benac, Č., Kravica, N. (2019) Assessment of the Coastal Vulnerability Index in an Area of Complex Geological Conditions on the Krk Island, Northeast Adriatic Sea, <i>Geosciences</i>. 9 (2019) , 5; 1-17. Dugonjić Jovančević, S.; Rubinić, J.; Arbanas, Ž. (2020) Conditions and triggers of landslides on

	flysch slopes in Istria, Croatia, Engineering review (Technical Faculty University of Rijeka), 40 (2020), 2; 77-87 doi:10.30765/er.40.2.09 Dugonjić Jovančević, S.; Rubinić, J.; Ružić, I.; Radišić, M. (2021) Influence of Carbonate-Flysch Contact and Groundwater Dynamics on the Occurrence of Geohazards in Istria, Croatia. Land 2021, 10, 441. https://doi.org/10.3390/land10050441 Ružić, I.; Benac, Č.; Jovančević, S.D.; Radišić, M. (2021) The Application of UAV for the Analysis of Geological Hazard in Krk Island, Croatia, Mediterranean Sea. Remote Sens. 2021, 13, 1790. https://doi.org/10.3390/rs13091790 Benac, Č.; Dugonjić Jovančević, S.; Navratil, D.; Tadić, A.; Maglić, L. Large gravitational collapse structure on a rocky coast (Kvarner, NE Adriatic Sea) // Geologia Croatica, 76 (2023), 3; 105-112. doi: 10.4154/gc.2023.10
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List of publications which serve as a proof of teaching qualifications	Dugonjić, S., Arbanas Ž., Benac Č. (2008), Assessment of landslide hazard on flysch slopes, 5th Conference of Slovenian geotechnics, 9th Šuklje day, 12-14th June 2008, Nova Gorica, Slovenia, pp. 263-272. Benac Č., Dugonjić S., Arbanas Ž., Oštrić M., Jurak V. (2009), The Origin Of Instability Phenomena Along The Karst-Flysch Contacts, ISRM International Symposium EUROCK 2009: Rock engineering in difficult ground conditions soft rock and karst, 29 – 31th October, Cavtat, Croatia, pp.757-761. Arbanas Ž., Dugonjić S. (2010), Landslide Risk Increasing Caused By Highway Construction, International Symposium in Pacific Rim, 26 – 30th April 2010., Taipei, Taiwan, pp.333-343. Mihalić S., Arbanas Ž., Krkač M., Dugonjić S., Ferić P. (2010), Landslide hazard maps and early warning systems in function of landslide risk mitigation, Conference of Croatian platform for catastrophic risk mitigation, 14th October, Zagreb, Croatia, pp. 1-5. Benac Č., Dugonjić S., Vivoda M., Oštrić M., Arbanas, Ž. (2011), A complex landslide in the Rječina Valley: results of monitoring 1998-2010, Geologia Croatica: journal of the Croatian Geological Survey and the Croatian Geological Society. 64 (2011), 3; pp 239-249. Mihalić S., Krkač M., Arbanas Ž., Dugonjić S. (2011), Analysis of sliding hazard in wider area of Brus landslide, Proceedings of the 15th European conference on soil mechanics and geotechnical engineering, Athens, 12-15th September 2011, pp 1377-1382. Arbanas Ž., Dugonjić S., Benac Č. (2011), Causes of small scale landslides in flysch deposits of Istria, Croatia, Proceedings of Second World Landslides Forum, Rome, 03-07th October, 2011, 221-226. Dugonjić Jovančević S., Arbanas Ž. (2012), Recent landslides on the Istrian Peninsula, Croatia, Natural hazards. Vol.62, 3; pp 1323-1338 Vivoda M., Benac Č., Žic E., Đomlija P., Dugonjić Jovančević S. (2012), Geohazard u dolini Rječine u prošlosti i sadašnjosti, Hrvatske vode- časopis za vodno gospodarstvo, 20 (2012), 81, pp 105-116. Dugonjić Jovančević S., Arbanas Ž., Benac Č., Mihalić Arbanas S. (2012) Landslide susceptibility analyses in flysch areas in the north-eastern part of the Adriatic coast, Risk Analysis VIII, Brebbia, Carlos (ed.), Southampton : WIT Press, doi:10.2495/RISK120211, pp 237-248. Arbanas Ž., Dugonjić Jovančević S., Vivoda M., Mihalić Arbanas S. (2014) Study of landslides in flysch deposits of North Istria, Croatia: Landslide data collection and recent landslide occurrences, Proceedings of 3rdWorld Landslides Forum:Landslide Science for a Safer Geoenvironment, Volume 1: The International Programme on Landslides (IPL),Sassa, Kyoji ; Canuti, Paolo ; Yin, Yueping (ur.),Beijing, 2-6 June 2014.Switzerland: Springer International Publishing. 89-94. Benac Č., Dugonjić Jovančević S., Ružić I., Vivoda M., Peranić J. (2014) Marine erosion and slope movements: SE coast of the Krk Island, Proceedings of 3rd World Landslides Forum: Landslide Science for a Safer Geoenvironment, Volume 3: Targeted Landslides,Sassa, Kyoji ; Canuti, Paolo ; Yin, Yueping (ur.),Beijing, 2-6 June 2014.Switzerland: Springer International Publishing. 563-567. Arbanas Ž., Sassa K., Nagai O., Jagodnik V., Vivoda M., Dugonjić Jovančević S., Peranić J., Ljutić K. (2014) A landslide monitoring and early warning system using integration of GPS, TPS and conventional geotechnical monitoring methods, Proceedings of 3rd World Landslides Forum: Landslide Science for a Safer Geoenvironment, Volume 2: Methods of Landslide Studies, Sassa, Kyoji ;Canuti, Paolo ; Yin, Yueping (ur.). Beijing, 2-6 June 2014. Switzerland: Springer International Publishing, 2014. 631-636
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	Arbanas Ž., Mihalić Arbanas S., Vivoda M., Peranić J., Dugonjić Jovančević S., Jagodnik V. (2014) Identification, monitoring and simulation of landslides in the Rječina River Valley, Croatia, Proceedings of the SATREPS Workshop on Landslide Risk Assessment Technology, Sassa, Kyoto ; Dang, Khang Q. (ur.). Kyoto: International Consortium on Landslides. 200-213. Dugonjić Jovančević S., Vivoda M., Arbanas Ž. (2014) Landslide susceptibility assessment on slopes in flysch deposits: A deterministic approach, Proceedings of the XII IAEG Congress: Engineering Geology for Society and Territory – Volume 2, Lollino G., Giordan D., Crosta G.B., Corominas J., Azzam R., Wasowski J., Sciarra N. (ur.). Springer International Publishing. Torino, 15-19 September 2014. 1615-1618. Arbanas Ž., Jagodnik V., Ljutić K., Vivoda M., Dugonjić Jovančević S., Peranić, J. (2014) Remote monitoring of a landslide using an integration of GPS, TPS and conventional geotechnical monitoring methods, Proceedings of the 1st Regional Symposium on Landslides in the Adriatic-Balkan Region "Landslide and Flood Hazard Assessment", Mihalić Arbanas, Snježana ; Arbanas, Željko (ur.). Zagreb: Hrvatskagrupazaklizišta. 39-44. Ljutić K., Jagodnik V., Vivoda M., Dugonjić Jovančević S., Arbanas Ž. (2014) The Grohovo Landslide Monitoring System - Experiences from 18 months period of monitoring system operating, Proceedings of the 1st Regional Symposium on Landslides in the Adriatic-Balkan Region "Landslide and Flood Hazard Assessment", Mihalić Arbanas, Snježana ; Arbanas, Željko (ur.). Zagreb: Hrvatskagrupazaklizišta. 45-50. Dugonjić Jovančević S., Nagai O., Sassa K., Arbanas Ž. (2014) Deterministic landslide susceptibility analyses using LS Rapid software, Proceedings of the 1st Regional Symposium on Landslides in the Adriatic-Balkan Region "Landslide and Flood Hazard Assessment", Mihalić Arbanas, Snježana ; Arbanas, Željko (ur.). Zagreb: Hrvatskagrupazaklizišta. 73-77. Vivoda M., Dugonjić Jovančević S., Arbanas Ž. (2014) Landslide Occurrence Prediction in the Rječina River Valley as a Base for an Early Warning System, Proceedings of the 1st Regional Symposium on Landslides in the Adriatic-Balkan Region", Mihalić Arbanas, Snježana ; Arbanas, Željko (ur.). Zagreb: Hrvatskagrupazaklizišta. 85-90. Dugonjić Jovančević, s., Peranić, J., Ružić, I., Arbanas Ž. (2016) Analysis of a historical landslide in the Rječina River Valley, Croatia, Geoenvironmental Disasters, 3 (2016) , 26; 1-9. Dugonjić Jovančević, S., Arbanas Ž. (2017) Influence of the runout potential on landslide-susceptible areas along the flysch–karst contact in Istria, Croatia, Natural hazards. 85 (2017), 3; 1347-1362. Ružić, Igor; Dugonjić Jovančević, Sanja; Benac, Čedomir; Krvavica, Nino Adaptation of the vulnerability assessment on geologically complex coast // Proceedings of the 6th World Landslide Forum- Abstract book / Veronika, Tofani; Nicola Casaghi (ur.). Florence, Italy: OIC S.r.l., Florence, Italy, 2023. str. 709-709 Benac, Čedomir; Dugonjić Jovančević, Sanja; Vivoda Prodan, Martina; Maglić, Lovro Rock collapse structure on the Liburnian coast (Rijeka Bay, NE Adriatic) // Proceedings of the 6th Regional Symposium on LANDSLIDES In the Adriatic-Balkan Region / Marjanović, Miloš; Đurić, Uroš (ur.). Beograd: University of Belgrade, Faculty of Mining and Geology, 2024. str. 259-264. doi: https://doi.org/10.18485/resylab.2024.6.ch39
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Leader of the following research projects	2018-2019 "Analysis of rock mass and the occurrence of instability at the contact of karst and flysch" -Project of the University of Rijeka
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Participant in the following research projects	2006-2014 Assessment, mitigation and management of geological hazard in the Kvarner area, Ministry of science, education and sport, Republic of Croatia, (project number 114-0822695-2568) 2009-2014 Bilateral Croatian - Japanese project „Risk Identification and Land-Use Planning for Disaster Mitigation of Landslides and Floods in Croatia“; 2012 – 2016 IPL -184 project “Study of landslides in flysch deposits of North Istria, Croatia: sliding mechanisms, geotechnical properties, landslide modelling and landslide susceptibility” ; 2014-2015 Bilateral Croatian-Slovenian project “Study of landslides in flysch deposits: sliding mechanisms and geotechnical properties for landslide modelling and mitigation (SoLiFlyD)” ;
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	2015-2016 project "Croatian qualification framework development and application inside the higher education of civil engineers" ; 2013 - 2016 University of Rijeka project "Development of the landslide monitoring and early warning system for the purpose of landslide hazard mitigation 2016-2017 Bilateral Croatian-Slovenian project "Laboratory testing and numerical modelling of landslides in flysch deposits of Croatia and Slovenia" ; 2017-2021 IPL-219 (International Program on Landslides) project "Rockfall Hazard Identification and Rockfall Protection in The Coastal Zone of Croatia" 2018-2022 Research project of the Croatian Science Foundation - "Physical modeling of the behavior of structures for landslide remediation in the conditions of static and seismic actions" - ModLandRemSS 2019 -2021 "Research of rockfall processes and rockfall hazard assessment", Project of the University of Rijeka 2025-2026 Study of mechanisms of rainfall induced landslides kinesko hrvatski bilateralni projekt MZO
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Supervision of PhD theses	-
Examination of PhD theses	2