

Name of teacher:	Martina Vivoda Prodan
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Employed at: Since:	University of Rijeka, Faculty of Civil Engineering 01.10.2010.
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Academic rank: Since: In:	Associate professor 2024 Geotechnical Engineering, Engineering mechanics
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e-mail address, web page	martina.vivoda@uniri.hr ; https://portal.uniri.hr/portfelj/1769
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Knowledge of foreign languages:	English
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Qualifications	- date of birth, nationality: February 5th 1984, Croatian - First degree obtained at: Faculty of Civil Engineering University of Rijeka (2007) - Ph.D. degree obtained at: Faculty of Civil Engineering University of Rijeka (2016) - previous employments: Institut građevinarstva Hrvatske (2007-2010)
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List of papers published in scientific journals	– Peranić, Josip; Vivoda Prodan, Martina; Škuflić, Rea; Arbanas, Željko Preliminary Experiences in Determining the Soil–Water Characteristic Curve of a Sandy Soil Using Physical Slope Modeling // Water, 16 (2024), 13; 1859-1874. doi: 10.3390/w16131859 – Vivoda Prodan, Martina; Peranić, Josip; Pajalić, Sara; Arbanas, Željko Physical Modelling of Rainfall-Induced Sandy and Clay-Like Slope Failures // Advances in materials science and engineering, 2023 (2023), 3234542, 12. doi: 10.1155/2023/3234542 – Vivoda Prodan, Martina; Arbanas, Željko Analysis of the Possible Reactivation of the Krbavčiči Landslide in Northern Istria, Croatia // Geosciences, 10 (2020), 8; 1-22. doi: 10.3390/geosciences10080294 – Prodan Vivoda, Martina; Mileusnić, Marta Mihalić Arbanas, Snježana; Arbanas, Željko Influence of weathering processes on the shear strength of siltstones from a flysch rock mass along the northern Adriatic coast of Croatia // Bulletin of engineering geology and the environment, 76 (2017), 2; 695-711. doi: 10.1007/s10064-016-0881-7 – Prodan Vivoda, Martina; Arbanas, Željko Weathering Influence on Properties of Siltstones from Istria, Croatia // Advances in materials science and engineering, 2016 (2016), 3073202; 1-15. doi: 10.1155/2016/3073202 – Vivoda, Martina; Benac, Čedomir; Žic, Elvis; Đomlija, Petra; Dugonjić-Jovančević, Sanja Geohazard u dolini Rječine u prošlosti i sadašnjosti // Hrvatske Vode, 81 (2012), 105-116 – Benac, Čedomir; Dugonjić, Sanja; Vivoda, Martina; Oštrić, Maja; Arbanas, Željko A complex landslide in the Rječina Valley: results of monitoring 1998-2010 // Geologia Croatica, 64 (2011), 3; 239-249. doi: 10.154/gc.2011.20
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List of publications which serve as a proof of teaching qualifications	– Peranić, Josip; Vivoda Prodan, Martina; Škuflić, Rea; Arbanas, Željko Preliminary Experiences in Determining the Soil–Water Characteristic Curve of a Sandy Soil Using Physical Slope Modeling // Water, 16 (2024), 13; 1859-1874. doi: 10.3390/w16131859
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	– Vivoda Prodan, Martina; Peranić, Josip; Pajalić, Sara; Arbanas, Željko Physical Modelling of Rainfall-Induced Sandy and Clay-Like Slope Failures // Advances in materials science and engineering, 2023 (2023), 3234542, 12. doi: 10.1155/2023/3234542 – Vivoda Prodan, Martina; Arbanas, Željko Analysis of the Possible Reactivation of the Krbavčići Landslide in Northern Istria, Croatia // Geosciences, 10 (2020), 8; 1-22. doi: 10.3390/geosciences10080294 – Prodan Vivoda, Martina; Mileusnić, Marta Mihalić Arbanas, Snježana; Arbanas, Željko Influence of weathering processes on the shear strength of siltstones from a flysch rock mass along the northern Adriatic coast of Croatia // Bulletin of engineering geology and the environment, 76 (2017), 2; 695-711. doi: 10.1007/s10064-016-0881-7 – Prodan Vivoda, Martina; Arbanas, Željko Weathering Influence on Properties of Siltstones from Istria, Croatia // Advances in materials science and engineering, 2016 (2016), 3073202; 1-15. doi: 10.1155/2016/3073202 – Vivoda, Martina; Benac, Čedomir; Žic, Elvis; Đomlija, Petra; Dugonjić-Jovančević, Sanja Geohazard u dolini Rječine u prošlosti i sadašnjosti // Hrvatske Vode, 81 (2012), 105-116 – Benac, Čedomir; Dugonjić, Sanja; Vivoda, Martina; Oštrić, Maja; Arbanas, Željko A complex landslide in the Rječina Valley: results of monitoring 1998-2010 // Geologia Croatica, 64 (2011), 3; 239-249. doi: 104154/gc.2011.20
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Leader of the following research projects	– Croatian-Chinese scientific and technological bilateral project between University of Rijeka and Tongji University „Study on the mechanism of rainfall-induced landslides“, Ministry of science, education and youth, 2025-2026 – ZIP-UNIRI-1500-1-22 “Investigating landslides using ring shear apparatus”, Project of the University of Rijeka, 2023-2025
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Participant in the following research projects	– Interreg Italy- Croatia project „ImpRoving landslidE riSk preventiOn aNd mAnagement iN Coastal arEas“ (RESONANCE), 2024-2026 – International IPL (International Programme on Landslides) research project under auspices of the International Consortium on Landslides: IPL-256 “Investigation of landslide initiation caused by rainfall infiltration using small-scale physical and numerical modelling (ILIRIM)”, 2022-2026 – Project of the University of Rijeka: uniri-iskusni-tehnic-23-240 “Hydraulic characterisation of soil by physical and numerical slope models (HCPNM)”, 2024-2025 – Research project founded by Croatian Science Foundation “Physical modeling of the slope retaining structures behavior under static and seismic loading conditions (ModLandRemSS)” 2018-2022 – Project of the University of Rijeka “Study of rockfall processes and rockfall hazard assessment”, 2018-2020 – International IPL (International Programme on Landslides) research project under auspices of the International Consortium on Landslides: IPL-219 “Rockfall Hazard Identification and Rockfall Protection in The Coastal Zone of Croatia”, 2017-2021 – Bilateral Croatian-Slovenian project “Laboratory investigations and numerical modeling of landslides in flysch deposits in Croatia and Slovenia”, 2016-2017 – Project of the University of Rijeka “Development of a landslide monitoring and early warning system for the purposes of reducing hazards from landslides”, 2014-2018 – Bilateral Croatian-Slovenian project “Study of landslides in flysch deposits: sliding mechanisms and geotechnical properties for landslide modeling and landslide mitigation (SoLiFlyD)”, 2014-2015
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	– International IPL (International Programme on Landslides) research project under auspices of the International Consortium on Landslides: IPL-184 „Study of landslides in flysch deposits of North Istria, Croatia: sliding mechanisms, geotechnical properties, landslide modeling and landslide susceptibility“, 2012-2016 – Bilateral Croatian-Japanese project SATREPS/FY2008 “Risk Identification and Land-Use Planning for Disaster Mitigation of Landslides and Floods in Croatia”, 2009-2014
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Supervision of PhD theses	-
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Examination of PhD theses	2
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