

Name of teacher:	Leo Matešić
Employed at: Since:	Faculty of Civil Engineering, University of Rijeka 01.12.2002.
Title: Since: In:	associate professor 26.01.2017. Technical Sciences; Civil Engineering, Geotechnics
e-mail address, web page	leomat@uniri.hr
Knowledge of foreign languages:	English (writing, reading, speaking)

Qualifications	<ul style="list-style-type: none"> - date of birth, nationality: 18.04.1968, Croatian - First degree obtained at: University of Zagreb Faculty of Civil Engineering, 1993 - Master degree obtained at: University of Zagreb Faculty of Civil Engineering, 1996, Computer-controlled testing of soil in the triaxial device - Ph.D. degree obtained at: University of Zagreb Faculty of Civil Engineering, 2002, Normalized behavior of soil during shearing from very small deformations until failure - additional education: 2003 Internal evaluation of quality management system according to ISO 9001: 2000; 2002 Organisation of laboratories according to ISO 17025 - previous employments: 1993 - 2001 University of Zagreb Faculty of Civil Engineering; 2001 - 2002 University of Zagreb Faculty of Mining, Geology and Petroleum Engineering; 2002 - today Building Faculty of the University of Rijeka and "Geokon-Zagreb d.d." from Zagreb
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List of papers published in scientific journals	<ol style="list-style-type: none"> 1. Kvasnička, P., Matešić, L., Skračić, S. (1998), <i>Izrada geotehničkih podloga Zagreba primjenom GIS-a, Građevinar, Hrvatski savez građevinskih inženjera, Vol. 50 No. 1 pp 19-28, Zagreb 1998.</i> 2. Čalogović, V., Matešić, L. i Kvasnička, P. (1998), <i>Specifična propustljivost u nesaturiranim glinovitim tlima, Građevinar, Hrvatski savez građevinskih inženjera, Vol. 50 No. 7 pp 401-408, Zagreb 1998.</i> 3. Heuze, F., Archuleta, R., Bonilla, F., Day, S. Doroudian, M., Elgamal, A., Hoehler, M., Lai, T., Lavallee, D., Lawrence, B., Liu, P-C., Martin, A., Matesic, L., Minster, B., Mellors, R., Oglesby, D., Park, S., Riemer, M., Steidl, J., Vernon, F., Vucetic, M., Wagoner, J., Yang, Z., (2004), <i>Estimating Site-Specific Strong Earthquake Motions, Soil Dynamics and Earthquake Engineering Journal, Vol. 24, April 2004, 199-223</i> 4. Matesic, L. i Vucetic, M. (2003): <i>Strain-Rate Effect on Soil Secant Shear Modulus at Small Cyclic Strains, ASCE Journal of Geotechnical and Geoenvironmental Engineering, Vol. 129, No. 6, June 2003. pp. 536-549</i> 5. Kvasnička P., Matešić L., Ivandić, K. (2011), <i>Geotechnical site classification and Croatian National Annex for EC 8, Geofizika, Vol. 28, No. 1, 2011, pp 83-97</i> 6. Matešić, L., Kvasnička, P. and Mihalčić, S. (2011), <i>Importance of data and process management in Eurocode 7 – based design, Geofizika, Vol. 28, No. 1, 2011, pp 99-107</i>
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List of publications which serve as a proof of teaching qualifications	<ol style="list-style-type: none"> 1. Matešić, L. (1996), <i>Troosno ispitivanje tla vođeno računalom, Magistarski rad, Građevinski fakultet Sveučilišta u Zagrebu, Zagreb 1996.</i> 2. Kvasnička, P., Matešić, L. i Tušar, Z. (1998). <i>"The embankment under difficult subsoil condition on the island of Pag". Proceedings of the International conference on foundation under difficult subsoil condition, Sendai, Japan, Balkema, Rotterdam, pp. 547-552.</i> 3. Kvasnička, P., Matešić, L., Skračić, S. (1998), <i>Izrada geotehničkih podloga Zagreba primjenom GIS-a, Građevinar, Hrvatski savez građevinskih inženjera, Vol. 50 No. 1 pp 19-28, Zagreb 1998.</i> 4. Čalogović, V., Matešić, L. i Kvasnička, P. (1998), <i>Specifična propustljivost u nesaturiranim glinovitim tlima, Građevinar, Hrvatski savez građevinskih inženjera, Vol. 50 No. 7 pp 401-408, Zagreb 1998.</i> 5. Kvasnička, P. i Matešić, L. (2000). <i>Višeslojni temeljni drenažno-brtveni sustav i njegova primjena na odlagalištu Jakuševac, Gospodarstvo i okoliš. VI. Međunarodni simpozij: Gospodarenje otpadom, Zagreb 2000", ZGO, Zagreb, pp. 474-478</i> 6. Kvasnička, P. i Matesic, L. (2001), <i>Geotechnical data base for the City of Zagreb and its application in site response analysis, Fourth International Conference On Recent Advances In Geotechnical Earthquake Engineering And Soil Dynamics, ožujak 26-31, 2001 San Diego, CA</i> 7. Matešić, L. (2002), <i>Normalizirano ponašanje tla pri smicanju od vrlo malih deformacija do sloma, Disertacija, Građevinski fakultet Sveučilišta u Zagrebu, Zagreb 2002</i> 8. Heuze, F., Archuleta, R., Bonilla, F., Day, S. Doroudian, M., Elgamal, A., Hoehler, M., Lai, T., Lavallee, D., Lawrence, B., Liu, P-C., Martin, A., Matesic, L., Minster, B., Mellors, R., Oglesby, D., Park, S., Riemer, M., Steidl, J., Vernon, F., Vucetic, M., Wagoner, J., Yang, Z., (2004), <i>Estimating Site-Specific Strong Earthquake Motions, Soil Dynamics and Earthquake Engineering Journal, Vol. 24, April 2004, 199-223</i>
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	<p>9. Matesic, L. i Vucetic, M. (2003): <i>Strain-Rate Effect on Soil Secant Shear Modulus at Small Cyclic Strains</i>, ASCE Journal of Geotechnical and Geoenvironmental Engineering, Vol. 129, No. 6, June 2003. pp. 536-549</p> <p>10. Kvasnička, P., Kovačević Zelić, B., Znidarčić, D., Matešić, L. and Kavur, B. (2003): <i>A case history of large strain consolidation</i>, 13th European Conference on Soil Mechanics and Geotechnical Engineering, August 25 – 28 2003, Prag, Czech, Proceedings Vol. 1 pp 777-782</p> <p>11. Matešić, L. i Kvasnička, P (2005), <i>Performance Review and Safety Evaluation of the Botonega Reservoir and Dam</i>, 16th International Conference on Soil Mechanics and Geotechnical Engineering, September 12-16, 2005, Osaka, Japan, Proceedings Vol. I pp 1083-1086</p> <p>12. Kvasnička P., Matešić L., Ivandić, K. (2011), <i>Geotechnical site classification and Croatian National Annex for EC 8</i>, Geofizika, Vol. 28, No. 1, 2011, pp 83-97</p> <p>13. Matešić, L., Kvasnička, P. and Mihaljić, S. (2011), <i>Importance of data and process management in Eurocode 7 – based design</i>, Geofizika, Vol. 28, No. 1, 2011, pp 99-107</p> <p>14. Matešić L., Mihaljević I., Kvasnička, P. i Grget G. (2013), <i>Application of hydro test results for design of steel tanks on stone column improved ground - a case history</i>; Proceedings of the 18th International Conference of Soil Mechanics and Geotechnical Engineering, September 1 – 5 2003, Paris, France, Proceedings; pp 579-582</p> <p>15. Matešić L., Mihaljević I., Kvasnička P., Bago M. i Grget G. (2015), <i>The use of hydro test results for prediction of final consolidation - a case history</i>; Proceedings of the 16th European Conference on Soil Mechanics and Geotechnical Engineering, September 13 – 17 2015, Edinburgh, Scotland, Proceedings pp. 2999 -3004</p>
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Leader of the following research projects	<p>1. "Zbijanje pijeska pri cikličkom opterećenju", 1998-2001; poticajni projekt za znanstvene novake financiran od Ministarstva znanosti i tehnologije republike Hrvatske</p>
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Participant in the following research projects	<p>1. "Konsolidacija mekih glina pri velikim deformacijama", 2-11-067 , (1993-1995); financiran od Ministarstva znanosti i tehnologije Republike Hrvatske; voditelj, prof. dr. Antun Szavits-Nossan</p> <p>2. "Čavljano tlo u glinama (Nailed walls in clayey soils)", (1995-1997.), financiran od zajedničke Američko-hrvatske komisije za znanstvenu i tehnološku suradnju (U.S.-Croatia Joint Commission on Scientific and Technological Cooperation, Joint Fund Project), voditelj, prof. dr. Predrag Kvasnička</p> <p>3. "Poduporne konstrukcije u tlu", 082003, (1996-2002), financiran od Ministarstva znanosti i tehnologije Republike Hrvatske; voditelj, prof. dr. Antun Szavits-Nossan</p> <p>4. "Mineralni brtveni slojevi za odlagališta otpada i njihova primjena na odlagalištu otpada Jakuševac", (br. 082002 i kasnije, nakon prelaska na RGN fakultete, 195999), višestrano financirani znanstveni projekt Ministarstva znanosti i tehnologije Republike Hrvatske i javnog poduzeća ZGO (1997-1999. i dalje). voditelj, prof. dr. Predrag Kvasnička</p> <p>5. "Zamjenjujući materijali za mineralne brtvene slojeve odlagališta otpada" (br. 0195031), Ministarstvo znanosti i tehnologije RH (od 2002 do 2006.). voditelj, prof. dr. Predrag Kvasnička</p> <p>6. "Znanstvene osnove za razvoj natapanja u Republici Hrvatskoj", 0114003, (2002-2006), financiran od Ministarstva znanosti i tehnologije Republike Hrvatske; voditelj, prof. dr. Nevenka Ožanić – nisam na popisu po registru na Internetu</p> <p>7. "Razvoj sustava upravljanja geotehničkim podacima za procjenu prirodnih hazarda", br. 195-1951825 - 1507, (od 2007.); voditelj, prof. dr. Predrag Kvasnička</p> <p>8. "Procjena, umanjivanje i upravljanje geološkim hazardom u području Kvarnera", br. 114-0822695-2568, (od 2007.); voditelj, prof. dr. Čedomir Benac</p> <p>9. "Estimation of the Ground Motion Exposure from Large Earthquakes at Four UC Campuses in Southern California", 1998-1999, u koji su bile uključene institucije: Lawrence Livermore National Laboratory (LLNL) i četiri UC kampusa - Los Angeles (UCLA), Riverside (UCR), San Diego (UCSD) i Santa Barbara (UCSB),</p> <p>10. "G2 - Dynamic and Cyclic Behaviour of Natural Menmade Soils Due to Large Near-Field Pulse", (1998-1999), financiran od Pacific Earthquake Engineering Research Center (PEER). voditelj, prof. dr. Mladen Vučetić</p> <p>11. „MEETING – Mitigation of the Earthquakes Effects in Towns and Industrial Regional Districts“ INTERREG/CARDS/PHARE projekt, u suradnji s talijanskim sveučilištima iz Molizea i Leccea. (2007-2008). voditelj, prof. dr. Predrag Kvasnička</p>
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Supervision of MSc theses	1
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Supervision of PhD theses	1
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Examination of MSc theses	1
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Examination of PhD theses	4
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