

Personal Information	Domenico Pessina
E-mail	domenico.pessina@unimi.it
Position	Full Professor in Agricultural Mechanics and Mechanization, Dept. of Agricultural and Environmental Sciences (DISAA) University of Milan, Italy
Academic Degrees	PhD Master's Degree in Agricultural Sciences
Professional experience	Working at the Institute (from 2009 Department) of Agricultural Engineering of the Faculty of Agriculture, then Dept. of Agricultural and Environmental Sciences of the University of Milan, as technician (from 1981), researcher (from 1992) and assistant professor (from 1995), associate professor (from November 1998), full professor (from July 2011). Author (also in collaboration) of more than 400 papers and publications. Reviewer of scientific papers for several Journals. Lab and field tests of agricultural tractors and their components (such as roll-over protective structures, cabs and frames), as under an experimental point of view, as in official tests carried out following the main relevant standards issued by international organizations (OECD, EC, ISO, SAE, etc.); experimental tests of self propelled agricultural machines (i.e. combine and grape harvesters) following the "Machine" Directive; tests of drying plants for cereals; research on mobility of wheeled agricultural machinery; research on agricultural soil structure and on the compaction caused by field machinery traffic; research on ergonomics and safety of the operator's place of self-propelled agricultural vehicles (noise, vibrations, microclimate, driver's place pollution, controls location and force, etc.); study on ergonomics and safety of forestry machinery, with particular regard of the hand-portable ones; study on garden and green maintenance machinery; research on green acoustic barriers, devoted particularly about the noise reduction of traffic vehicles; sustainability of the manufacturing and the use of the agricultural machinery through the LCA method.
Teaching	Full professor of Agricultural Mechanics and Viticulture Mechanization. From 2017, President of the Degree Course in "Viticulture and Enology" at the University of Milan.
Research: 5 selected recent publications	1 – A. Calcante, D. Facchinetti, D. Pessina . (2018) Analysis of hazardous emissions of hand-operated forestry machines fuelled with standard mix or alkylate gasoline, <i>Croatian Journal of Forest Engineering</i> , Vol. 39, Issue 1, 109-116. 2 - D. Pessina , D. Facchinetti, D. Giordano (2016). Narrow-track agricultural tractors: A survey on the load of the hand-operated foldable rollbar, <i>Journal of Agricultural Safety and Health</i> , Vol. 22, Issue 4, 275-284. 3 - D. Pessina , D. Facchinetti (2013). Exposure to vibrations in wine growing – <i>Journal of Agricultural Engineering</i> , vol. 44, p. 675-680, ISSN: 1974-7071, doi: 10.481/jae.2013.(sl):e135. 4 - D. Pessina , D. Facchinetti (2013). Fitting and testing of roll over protective structure on self-propelled agricultural machinery. <i>Journal of Agricultural Engineering</i> , vol. 44, p. 736-741, ISSN: 1974-7071, doi:10.481/jae.2013.(sl):e148 5 – D. Pessina , D. Facchinetti, R. Oberti, E. Naldi (2011). Spray Deposit Uniformity of a "Dual" Field Sprayer Assessed with a New Optical Device. <i>Applied Engineering in Agriculture</i> , vol. 27(2), p. 193-201, ISSN: 0883-8542.
Memberships	Member of AIIA (Associazione Italiana di Ingegneria Agraria) from 1983. Member of the permanent OECD Tractor Codes Technical Working Group from 1991. Member of Ad-hoc Working Groups INAIL on the safety of agricultural machinery from 2006. President of Section V of AIIA (Associazione Italiana di Ingegneria Agraria) from 2017.