

URŠA VILHAR, Uni. Dipl. Forest., PhD

PROJECT ROLE	Research associate
EDUCATION AND PROFESSIONAL QUALIFICATIONS	2001 – Univ. Dipl. Forestry and renewable forest resources – Univ. of Ljubljana 2006 – PhD Forestry and renewable forest resources – Univ. of Ljubljana 2013 – Research associate
KEY TRAINING	Training on the water balance models GLEAMS, SWAT, WATBAL (2002); Training on the forest water balance model BROOK90 (2005); Workshop: Sensitivity Analysis, Tools and Practices (2005); Training on the Simulation model of Forest Growth GOTILWA+ (2006); Introduction to a forest ecosystem model CASTANEA (2006); Water balance data collection, management, and modeling (2012). Summer School in ecological modelling in forestry (2013). Training on scientific writing and publishing (2013)
SPECIALIST AREAS	Forest hydrology, forest climatology, modeling of water and carbon cycle in forest ecosystems, tree phenology, forest soil protection, forest management planning advisory, development of best management practices guidelines.
EXPERIENCE SPECIFIC	1997 - 1999 Head of Exchange office at International Forestry Student organization (IFSA) 1997 - 2001 Research work at Slovenian Forestry Institute, project »Identification of ectomycorrhizae on spruce« 1999 - 2001 Research work at TISA d.o.o., project »Inventory of urban trees and green areas in Ljubljana City« 2002 - 2005 Young researcher and PhD student at Slovenian Forestry Institute 2006 - present Research fellow at Slovenian Forestry Institute 2011 - Co-chair of Expert panel Meteorology, Phenology and LAI at ICP Forests 2011 - Deputy coordinator for IUFRO division 7.01.08 – Impacts of air pollution and climate change on forest ecosystems – Hydroecology 2013 - Member of Editorial board of the South-east European forestry Journal SEEFOR Languages: Slovene, English, German, Croatian, Spanish, Italian
EMPLOYMENT HISTORY	2002 - 2006 Young researcher position at the SFI; 2006 - Research fellow with PhD at the SFI 2013 - Deputy Head of Department of Forest Ecology at Slovenian Forestry Institute
RELEVANT PUBLICATIONS	VILHAR, U., BEUKER, E., MIZUNUMA, T., SKUDNIK, M., LEBOURGEOIS, F., SOUDANI, K., WILKINSON, M. 2013. Chapter 9. Tree Phenology. In: Forest Monitoring. Terrestrial Methods in Europe with Outlook to North America and Asia. M. Ferretti, R. Fischer.(Eds.). Amsterdam, Elsevier: 12: 169-182. VILHAR, U., SIMONČIČ, P. 2012. Water status and drought stress after gap formation in managed and semi-natural silver fir - beech forests. European Journal of Forest research, 2012, 131, 1381-1397 VILHAR, U., SIMONČIČ, P., 2012. Identification of Key Indicators for Drinking Water Protection Services in the Urban Forests of Ljubljana. SEEFOR South-east European Forestry 3, 103-113. VILHAR, Urša, STARR, Michael, KATZENSTEINER, Klaus, SIMONČIČ, Primož, KAJFEŽ-BOGATAJ, Lučka, DIACI, Jurij. 2010. Modelling drainage fluxes in managed and natural forests in the Dinaric karst: a model comparison study. European journal of forest research, 2010, vol. 129, no. 4, p. 729-740 GREBENC, Tine, CHRISTENSEN, Morten, VILHAR, Urša, ČATER, Matjaž, MARTIN P., Maria, SIMONČIČ, Primož, KRAIGHER, Hojka. 2009. Response of ectomycorrhizal community structure to gap opening in natural and managed temperate beech-dominated forests. Can. j. for. res., 2009, vol. 39, no. 7, p. 1375-1386 VILHAR, Urša, ED. 2009. Vpliv gospodarjenja na vodno bilanco jelovo-bukovih gozdov Dinarskega krasa. Influence of management on water balance of the silver fir-beech forests in the dinaric karst. Studia forestalia Slovenica. Ljubljana Gozdarski inštitut Slovenije. p. 122. VILHAR U, STARR M, URBANČIČ M, SMOLEJ I, SIMONČIČ P (2005) Gap evapotranspiration and drainage fluxes in a managed and a virgin dinaric silver fir-beech forest in Slovenia: a modelling study. European Journal of Forest research 124. 165-175