



# Bastien Vandendaele

Post graduate Student



- **BASTIEN** holds a bachelor's degree and a master's degree in bio-engineering from the University of Liège-Gembloux Agro-Bio Tech (ULiege-Belgium) where he specialized in forest and natural areas management.
- He completed his master's thesis at University of Sherbrooke on the development of methods for the use of terrestrial lidar in forest inventories. He is currently completing a Ph.D thesis at University of Sherbrooke in collaboration with NHRI, ULiege and FPInnovations on the use of mobile and drone LiDAR data in precision forestry.
- At NHRI, he is working to improve the use of ULS, MLS and TLS data to support wood harvesting operations. His work involves developing methods for extracting structural attributes at the scale of individual trees from high-density LiDAR points clouds. His involvement will provide a better understanding of the potential and limitations of these new mobile sensors, with the objective to integrating them into the new generation of enhanced forest inventories.
- While not at work, Bastien is interested in photography, nano-brewery, rock climbing, tennis and hiking.