

Dr. Rasol is a full-time Senior NDT/NDE Engineer at Advanced Infrastructure Design Inc. Dr. Rasol has over 10 years of professional and research development experience in the application of non-destructive evaluation, advanced data processing techniques to road transport; use of NDT technologies (e.g., ground penetrating radar (GPR), road-based sensors, Laser Crack Measurement System (LCMS)). He has been working on different GPR related projects and development of analysis methodologies to detect and monitor defects in road pavements and in particular cracks, moisture content and various pavement layers. During his PhD and Postdoc research experience he has developed a model to detect the water content in urban subsurface, and actively working numerical modelling using gprMax in order to better understand the electromagnetic wave propagation through road sub-surface investigations.