

Presentation outline



The presentation will be focussing on a project I conducted for both the NZDF and my PhD. The project was named the New Zealand Defence Force Anthropometry Survey (NZDFAS). I will be covering the background, development, methodology and implementation of the survey. I will conclude with a short discussion on what this will mean for ergonomics in NZ.

Stephven has spent over 10 years as a Human factors scientist for the New Zealand Defence Force specialising in ergonomics and anthropometric assessments of platforms (vehicles, aircraft and ships), clothing and equipment (PPE, uniforms, weapon systems); as well as safety practices. Stephven was the New Zealand representative for military human factors research for Air Force within the Technical Cooperation Program (TTCP) and 3D body scanning for NATO. He has a doctorate in 3D anthropometry and body scanning (AUT); and a master's degree (Loughborough) in ergonomics (his thesis focussed on barriers/facilitators of HF uptake within the UK defence industry) and a PGDipErg from Massey University. He has also worked in small and large consultancies both locally and in Bristol, UK. He looks forward to being able to utilise this knowledge to assist New Zealand businesses with the design of healthier and safer workplaces based on real 'kiwi' body shapes and measurements.

I am now Senior Advisor for Human Factors and Ergonomics working within the Human Factors and Ergonomics (HFE) team, Health and Technical Service at WorkSafe.

I am currently researching Work-related Musculoskeletal Disorders (WRMSDs) and how it can be defined and used effectively within WorkSafe NZ. I am also providing HFE support for various projects (e.g. construction, manufacturing, health and support to pacific-workers) in New Zealand.

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