

DR ANDY BUCHANAN**University of Canterbury****Short Bio – March 2012**

Dr Andy Buchanan is Professor of Structural Engineering at the University of Canterbury.

He has a B.E.(Honours) degree from the University of Canterbury (1970), a Masters degree from the University of California (1972), and a Ph.D. from the University of British Columbia, Canada (1984).

Prior to joining the University of Canterbury in 1987, he was a consulting structural engineer in Christchurch. He is a Chartered Professional Engineer and a Distinguished Fellow of IPENZ.

He has special interests in timber engineering, fire safety, earthquake engineering, and sustainability. He has written papers on the performance of houses and timber buildings in the 2010 and 2011 Canterbury earthquakes.

Professor Buchanan is the author of *Structural Design for Fire Safety* (John Wiley & Sons, 2001) and the *Timber Design Guide* (NZ Timber Industry Federation, 2007). He is past President of the New Zealand Timber Design Society, and currently Research Director of the Structural Timber Innovation Company Ltd.