

ABSTRACT SUBMISSION FORM

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Overview of Presentation

As our cities grow and become more and more dependent on infrastructure and technology, and at the same time the risks from hazards are increasing globally, we are becoming more vulnerable to the impacts of shocks and stresses on critical infrastructure. Recent experiences with the Christchurch earthquakes have highlighted the importance of understanding just how resilient our infrastructure is now and what we can do to improve it in the future.

Christchurch was recently accepted into the Rockefeller Foundation's global 100 Resilient Cities programme, and is in the process of developing a Resilience Strategy. This will look not just at infrastructure but at all of the functions of a "resilient city" and how they are connected.

At the same time, a number of other initiatives are underway in the "Resilience" space, which recognise the importance of Resilience as a key principle in the National Infrastructure Plan. These include the development of a Resilience Framework for NZTA, a project to develop an Economics of Resilient Infrastructure model, and in general an increased interest in embedding "resilience concepts" into asset management planning processes by infrastructure organisations.

This paper will provide a topical overview of recent developments and how together they can contribute to the development of a smarter, stronger and safer transport system.