

Report No.	21-86
Information Only - No Decision Required	

## **PRESENTATION: EARTHQUAKE LOSS ESTIMATES FOR FLOOD PROTECTION ASSETS**

### **1. PRESENTATION**

- 1.1 Risk management is a critical part of the management of infrastructural assets. An important part of this risk management is our insurance coverage for natural disasters. Whilst the risks associated with flood events is well understood, the potential damages associated with an earthquake are less well understood.
- 1.2 The Canterbury earthquakes highlighted that significant damage can occur to flood protection infrastructure, and that often there is not adequate insurance coverage for such an event. To increase our knowledge and information in this area GNS Science were engaged to undertake a desktop study and estimate the likely damage to our assets associated with an earthquake event.
- 1.3 Vinod Sadashiva from GNS Science will make a presentation to the Catchment Operations Committee on the work that GNS Science has undertaken around developing earthquake loss estimates for flood protection assets.

### **2. RECOMMENDATION**

That the Committee recommends that Council:

- a. receives the presentation from GNS Science.

### **3. SIGNIFICANCE**

- 3.1. This is not a significant decision according to the Council's Policy on Significance and Engagement.

Jon Bell  
**INVESTIGATIONS & DESIGN MANAGER**

Craig Grant  
**ACTING GROUP MANAGER  
RIVER MANAGEMENT**

### **ANNEXES**

There are no attachments for this report.