

# You're invited to a public seminar on: Earthquake effects on rivers and the estuary in Christchurch

*What research has been done? What are we finding out? What happens next?*

With presentations from: Waterways Centre for Freshwater Management (University of Canterbury and Lincoln University), Institute of Environmental Science and Research (ESR), National Institute of Water and Atmospheric Research (NIWA), Aqualinc, EOS Ecology Ltd, Aquatic Ecology Ltd, Environment Canterbury, Christchurch City Council.

**WHEN:**

Thursday 26 April 2012  
From 9.00am – 5.00pm

**WHERE:**

Lincoln Events Centre, Meijer Drive, Lincoln

**COST:** Free

**LUNCH:** Sponsored by ESR

**RSVP:** To [wendy.donald@ecan.govt.nz](mailto:wendy.donald@ecan.govt.nz)  
by 18 April

**PROGRAMME**

**Morning: Earthquake effects on city rivers, topics including:**

- Water quality in the Avon and Heathcote rivers
- Effects on microbiological quality of water and sediments
- Changes to hydrogeology and spring flows
- Effects on ecosystem structure and aquatic communities

**Afternoon: Earthquake effects on the Avon-Heathcote Estuary/Ihutai, topics including:**

- Water quality and recreational user perceptions
- Topographical changes
- Effects on estuary biota and chemistry
- Effects on marine biodiversity

**Conclude**

Wrap-up session on what is being done to remediate and restore the waterways from earthquake effects.



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