

# Solution to Pollution

Management of River Dynamics: Floods, Water Storage and Land Use

**Massey University February 11, 2013**

**Registration <http://rivers.massey.ac.nz>**

**Is there really a crisis in Hobbiton?** Mike Joy

**Maintaining ecological integrity** *chair*

1. Angela Arthington – Environmental flow setting.
2. Mike Stewardson – Environmental flow setting in Victoria – incorporating literature, expert opinion and Bayesian analysis.
3. Mark Ledger - Climate change effects and drying rivers in sunny old England.
4. Russell Death, Amanda Death and Ian Fuller - Habitat quality – the missing dimension.

**Maintaining geomorphological integrity** *chair Gary Williams*

1. Ian Fuller – Catchment connectivity: a framework for geomorphic integrity.
2. Gary Brierley - Geomorphology and river management.
3. Jon Procter and Gert Lube– Keeping the sediment where it is should be.
4. Mark Macklin - Floods in the Anthropocene: metals, mosquitoes and mud.

**Land management to maintain river limits** *chair Dave Horne*

1. Alison Dewes – Balancing productivity, economics and the environment.
2. Christine Christensen - Stock management for environmental benefit.
3. James Hanly – Using geology to clean water.
4. TBA - Land water connectivity.

**Integration, policy and planning** *chair*

1. Helen Marr – Where the metal hits the road – regional plans.
2. April Bennett - Maori co-management in a planning context.
3. Corina Jordan - Balancing carrot and stick - the One Plan case study.
4. Graham Sevicke-Jones - Collaborative approach at the regional scale.