

Framing solutions for landscape futures: geomorphic perspectives on river rehabilitation practice

**A workshop under the auspices of the
IGU Commission *Geomorphic Challenges for the 21st Century***

**Organized by Gary Brierley, Kirstie Fryirs & Nick Preston
Dept. of Physical Geography, Macquarie University, Sydney, Australia**

Workshop background and aims

The IGU Commission *Geomorphic Challenges for the 21st Century* seeks to identify important avenues for future geomorphological research and to improve the dialogue between geomorphology and other areas of Geography enabling geomorphological ideas and concepts to be better incorporated into environmental policy and planning. Under the auspices of this Commission, we propose to host a workshop promoting geomorphic solutions to environmental problems, and highlighting 'geomorphology in action'.

Appraisal of biophysical fluxes, connectivity, and responses to disturbance (both natural and human-induced) in their landscape context provides a coherent template for management initiatives and rehabilitation practice. Communicating these notions presents a key challenge for ongoing and future geomorphic research, striving to attain an appropriate balance between grounded case studies and modeling applications. This will be the core theme of this workshop.

Workshop structure

The conference, workshop and associated field excursions will take place in the Hunter Valley, north of Sydney, from Sunday March 13th to Friday March 18th 2005 (dates are inclusive). The structure and timetable of the workshop will be as follows:

Sunday 13th March	Visit a range of rivers en route from Sydney to the Hunter Valley
Monday 14th March	Invited talks and associated presentation of papers (conference venue to be announced)
Tuesday 15th March	Appraisal of river rehabilitation initiatives in the Upper Hunter Catchment (Muswellbrook)
Wednesday 16th March	Targeted workshop: 'Geo-ecology and river rehabilitation practice' (conference venue)
Thursday 17th March	Field excursion to differing forms of river rehabilitation initiatives (Upper Hunter and surrounding areas)
Friday 18th March	Synopsis/synthesis of findings from the workshop (Macquarie University, Sydney)

Expressions of interest are sought. To facilitate planning, an early indication of numbers is essential. Please contact Kirstie Fryirs (kfryirs@els.mq.edu.au) or Nick Preston (npreston@els.mq.edu.au) by 30th April 2004 to indicate interest, or to obtain further information. A circular outlining workshop costs, accommodation and venue will be forwarded to interested participants at a later date.