

Australian Rivers Institute

Sustainable solutions for rivers, coasts and catchments

Stream Rehabilitation Short Course Principles and Practice of Bank Erosion Assessment and Treatment with Dr Andrew Simon (USDA National Sedimentation Lab) and Dr Andrew Brooks (Australian Rivers Institute), Sine Cera Rainforest Retreat, Byron Hinterland, Northern NSW: March 28th – April 1st 2010

Course Overview Back by popular demand following its inaugural run in 2009, participants have another opportunity to learn from one of the world's foremost experts in river bank stability assessment, Dr Andrew Simon. During this 4 day intensive course at the intimate Sine Cera Rainforest retreat at Cougal in the upper Richmond Valley participants will:

- gain an overview of processes leading to stream bank erosion
- gain hands on experience in the theory and practice of stream bank erosion assessment and treatment techniques
- learn how to apply the BSTEM bank stability model
- learn how to design and construct engineered log jams (ELJs) as one method for arresting bank erosion
- experience the delights of the wonderful NSW north coast and tackle some real management problems on the upper Richmond River
- have a great opportunity to intimately network with colleagues from around the country in a relaxed setting by a beautiful mountain rainforest stream



TUTOR BIOS

Dr Simon is the author of over 100 technical publications on the topic of bank erosion assessment and sedimentation problems in fluvial systems. He is the co-editor of a number of books including *Incised River Channels & Riparian Vegetation and Fluvial Geomorphology*. **Dr Brooks** is the author of 35 technical publications in the field of human impacts in fluvial geomorphology and river rehabilitation, including the *Design guideline for the reintroduction of wood into Australian streams*.

Cost: AUD \$1600* (ex GST) - includes accommodation, all meals (catered by renowned Noosa Restaurateur, Luc Turschwell) workshop tuition, software, course workbook, 1 day field trip around the Richmond Valley and other delights.

* NB this represents the average participant cost – individual rates will vary depending on accommodation option.



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