

### Post Doctoral Research Fellowship - Sediment Transport & Hydrodynamics

A Postdoctoral Research Fellow position is available within the Department of Civil and Environmental Engineering at The University of Auckland, New Zealand. The focus of the fellowship research is sediment-transport processes, description, self-organisation, and interaction with water flows.

The Fellow will be expected to carry out experiments and work on data analyses and conceptual developments. The successful applicant will have a recent PhD focused on sediment transport, hydrodynamics, or a closely-related field. Experience in a combination of the following areas is particularly desirable: laboratory experimentation, including PIV analysis of flow fields and video analysis of bed elevations and motions; statistical analyses of measured velocities and bed elevations; theoretical fluid mechanics, and turbulent-flow theory.

The position is presently funded for up to 19 months, concluding at the end of 2010. The position requires a dynamic person willing to contribute in terms of publications and working alongside other researchers. Ability to communicate effectively with other colleagues is essential.

Materials required of applicants include: a brief statement of research interests and experience relevant to the position, a curriculum vitae including publications, and contact details of three referees (including phone numbers and email addresses).

For further information about the position visit <https://www.opportunities.auckland.ac.nz> (Job ID 11017), or contact Associate Professor Stephen Coleman, ph. 64-9-3737999, email [s.coleman@auckland.ac.nz](mailto:s.coleman@auckland.ac.nz). The closing date is 20th May 2009.

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