

Water Modelling for Graduates

"Steve's style is hands-on and interactive. You can participate in the course to ensure maximum learning"

Brett Disley, Senior Modeller, Woods, Auckland

Course Details

There are no University courses in hydraulic modelling. This course supplements and reinforces on-the-job training. It sets the scene for a step-by-step approach to completing projects.

A major issue for graduate modellers is that they are prone to "forget" key modelling steps that they did not realise they had to do. These include how to check a hydrology model actually makes sense or whether the total catchment area is actually in the model.

This course comprehensively goes through every element and includes a case study that starts with a blank piece of paper.

Elements include

- Understanding your software needs
 - Distilling what the client actually wants
 - Structuring your data management
 - Building models and designing simulation routines
 - Developing a reporting standard that saves time
 - Preparing for peer reviews
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Who Should Attend

Modellers with less than 2 years experience

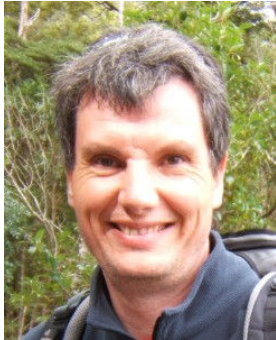
Engineers who do modelling on a part-time basis but need to keep pace with the industry

Non-modellers who want to understand the processes for when they review work

Each course will satisfy at least 3 core competency standards for IPENZ Continuing Professional Development

Course Leader

Dr Steven Joynes



Steven has 26 years experience in developing, utilising and managing water modelling projects. Starting Hydraulic Modelling Services Ltd in 1992 this company has now serviced over 20 local and regional councils in New Zealand as well as numerous civil engineering and surveying companies.

He was the inaugural chairman of the Modelling Special Interest Group within Water New Zealand for 2 years.

Selling his business in 2005 he has set up Golovin in 2008. This company is dedicated to best-practice methods in water modelling which includes the development of the Modelling Policy Statement, peer review structures and training programmes.

Steven attends numerous conferences and seminars throughout New Zealand and Australia as both a speaker and to keep abreast of new developments.

Course Locations

Auckland	22 February	Early bird cut-off	1 February
Hamilton	22 March		1 March
Tauranga	19 April		29 March
Napier	31 May		10 May
Wellington	8 March		15 February
Christchurch	17 May		26 April
Queenstown	5 April		15 March