

Peer Reviewing Water Models

No experience necessary

"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

You do not have to be an expert modeller or a software guru to peer review hydraulic models. You just have to know what to ask for.

Modellers are notorious for producing pages and pages of results that look extensive but are too technical and, worse still, are basically useless to the end objective.

Are you sure that the results quoted in the reports and what actually is in the model match? Based on 20 years experience and the many reviews I have undertaken, surprisingly sometimes they don't.

Golovin has developed methodologies that allow the inexperienced modeller to ask the right questions to ensure that the model results reported do make sense.

This is a course that can give you confidence in the model results and help you communicate with internal or external modellers.

Elements include

- Understanding what outputs software can provide
- What outputs are critical to good modelling practise
- GIGO - Simple tests to ensure the model is behaving itself
- Creating a peer review report in plain English
- Tricks and common mistakes

Who Should Attend

Non-modelling staff that have to interpret modellers' reports

Engineers and planners who review resource consents

Graduate modellers who want to ensure their models pass muster

Surveyors who commission 3rd party engineering reports

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

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|--------------|-------------|--------------------|-------------|
| Auckland | 23 February | Early bird cut-off | 2 February |
| Hamilton | 23 March | | 2 March |
| Tauranga | 20 April | | 30 March |
| Napier | 1 April | | 11 May |
| Wellington | 9 March | | 16 February |
| Christchurch | 18 May | | 27 April |
| Queenstown | 6 April | | 16 March |