

"This course has received the approval of The Chartered Institution of Water and Environmental Management".



Water Modelling Training Courses

For Civil Engineers, Project Managers, Asset Managers, Water Resource Engineers and Network Analysts

Golovin has been providing water modelling courses since 2009 in both Australia and New Zealand. Being a UK expatriate Dr Steven Joynes, Principal of Golovin, has discussed the content and need for the courses with CIWEM members, Environment Agency engineers and Water Board managers within the UK industry. It is with this knowledge that Golovin is providing courses in Derby and London during June and August respectively.

The courses are geared towards Hydraulic Modelling Procedures that will quickly fast-track engineers, project managers and graduates in understanding the whole process. The course de-mystifies the "black-box" mentality of software use and how to ensure that the end product is fit-for-purpose.

The courses will both up-skill experienced graduates and also benefit non-modelling technicians in the water modelling field.

These courses are suitable for professionals involved with

- Wastewater modelling
- Stormwater modelling
- Water modelling
- Groundwater modelling
- River and stream modelling

"Project Management for Modelling Contracts" was very beneficial for me. It was methodical, logical and helpful to both modeller and non-modeller alike. I took the concepts back to work and applied them immediately!

Ailsa Willis
Lower Murray Water, Victoria, Australia

Courses Available

- Course 1 How to complete a Hydraulic Modelling Project - Principles and Processes
- Course 2 Peer Reviewing Hydraulic Models - with or without software packages

Course Details

Course No.1

How to complete a Hydraulic Modelling Projects - Principles and Processes

Do you want to know all the key steps to ensure the successful completion of water modelling projects?

This course supplements and reinforces on-the-job training. It sets the scene for a step-by-step approach to completing projects.

This course is designed to step through all key elements in completing and managing hydraulic modelling projects. Elements will include

- Implementing a specification
- Knowing what software tools should be used
- Developing “line-in-the-sand” objectives
- Determining data requirements
- Structuring your data management
- Calibrating models that make sense
- Building models and designing simulation routines
- Preparing for peer reviews

Who should attend?

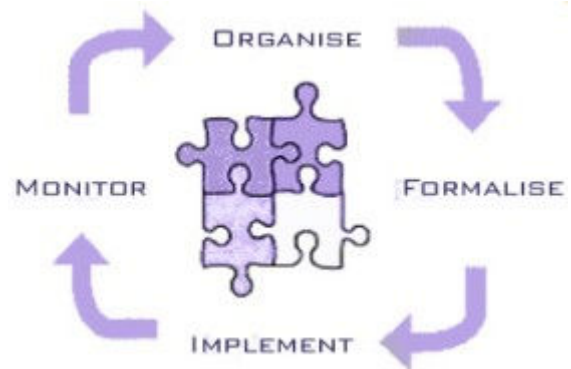
Project team leaders
Technical managers
Network modelling engineers
Rivers Engineers
Non-modellers who want to understand the processes for when they review work

Course No.2

Peer Reviewing Hydraulic Models - with or without software packages

**NO EXPERIENCE
NECESSARY**

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



Modellers are capable of producing pages and pages of results that look extensive but are too technical and, worse still, may not be able to communicate end objective.

Are you sure that the results quoted in the reports actually match the model results? Based on 20 years experience and many, many peer reviews, surprisingly this mismatch does happen.

Golovin has developed methodologies that allow the in-experienced project manager 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 produce
- 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

Graduate modellers

Asset manager who commission 3rd party engineering reports

These courses are designed to work concurrently but can be taken individually.

Each course carries 6 CPD hours

Course Leader

Dr Steven Joynes



Steven, originally from Derby, has 27 years experience in developing, utilising and managing water modelling projects. After graduating from Salford University with a Ph.D in Computational Hydraulics he worked for Binnie & Partners before emigrating to New Zealand. Forming Hydraulic Modelling Services Ltd the company has serviced over 20 local and regional councils in New Zealand and Australia.

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

Selling HMSL in 2005 he 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. He spends 10 weeks per year in the UK on sabbatical.

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

Brett Disley
Senior Modeller, Auckland, New Zealand

Course Location, Dates and Fees

Derby

Course 1	How to complete a Hydraulic Modelling Project - Principles and Processes	30 th June	£185
Course 2	Peer Reviewing Hydraulic Models - with or without software packages	1 st July	£155

London

Course 1	How to complete a Hydraulic Modelling Project - Principles and Processes	3 rd August	£185
Course 2	Peer Reviewing Hydraulic Models - with or without software packages	4 th August	£155

- * £15 each discount if more than 1 participant from the same organisation.
- * £15 each discount if both courses are attended by the same participant.
- * Early bird discount of £15 before 1st June.

Course fees include refreshments, lunch and course folder.

Registration Details

Organisation

Postal Address

Email contact

Location	Course Number	Date	Attendees Name	Fee (£)
			Discounts	
			TOTAL TO PAY	

* VAT does not apply

Method of Payment

Invoice Me (purchase order or reference required)

Direct Credit

Clydesdale Bank, Regents Street, London

Account Number 82-11-07-20151750

Please use your organisation name as a reference

Register by **email** to courses@golovin.co.nz

Terms and Conditions

1. Registration is by 1st in - 1st paid basis.
2. If you cannot attend a course, a substitute participant is welcome.
3. If you withdraw from a course in writing or email more than 14 working days prior to the course, you will receive a full refund less a £20 administration fee.
4. If you withdraw within 14 working days, you will receive a 50% refund. No refunds after this date.
5. If you do not attend the course and have not advised us in writing there is no refund. However you may transfer to another course for an administration charge of £20.
6. If a course is rescheduled or cancelled due to lack of numbers, or any other valid reason, you will be advised 7 working days before the course and your course fee will be refunded in full.
7. Participants are responsible for their own travel and accommodation bookings and no compensation will be made should the course be rescheduled or cancelled.

Authorisation Signature

Name _____

Signature _____ Date _____