

## Course booking form

(please complete in block capitals)

First Name: .....

Last Name: .....

Position in organisation: .....

Organisation name: .....

Organisation address: .....

Postcode: .....

Tel: .....

Fax: .....

E-mail: .....

Where did you hear about Sim training? .....

Software training required (tick as appropriate):

ConSim v2.5

GasSim v2

LandSim v2.5

Preferred timing: .....



## Booking terms and conditions

1. Following initial agreement regarding dates, places on courses are secured by payment by cheque made payable to Golder Associates (UK) Ltd. In order to ensure that each delegate gains maximum benefit from any course, space is strictly limited and will be allocated on a first come first served basis.
2. No refunds will be given if cancellation occurs within 2 weeks of the agreed course date, although substitute delegates are welcome and course reallocation is possible. All cancellations must be received in writing.
3. Golder Associates (UK) Ltd reserves the right to alter each course, and to cancel courses in the event of insufficient bookings. In the latter case, all delegates will be advised immediately and fees refunded in full.

If you are interested in attending any of the courses, please contact Kelly McKinley at the address below:

Kelly McKinley  
Golder Associates (UK) Limited  
1st Floor Carnmoney House  
Edgewater Office Park  
Edgewater Road  
Belfast  
BT3 9JQ

Tel: +44 (0)28 9078 7783  
Fax: +44 (0)28 9078 7770  
email: kmckinley@golder.com



# User Training Courses Ireland 2011

Structured training in the background, use and limitations of the software.



## 2 Day Courses

To ensure that all attendees gain maximum benefit from the courses, we keep the agenda flexible. We assume that you are familiar with the use of Microsoft Excel and have a working knowledge of the issues surrounding contaminated land (ConSim) or landfills (GasSim & LandSim). By the end of the course you will have:

- Learned the background to each risk assessment package and relevant aspects of contaminant migration theory;
- Become familiar with the concepts of probabilistic assessment and be able to define your own PDFs;
- Obtained detailed knowledge of the software, its use and its analytical processes;
- Completed hands-on workshops providing practical tuition in the use of LandSim v2.5, ConSim v2.5 and GasSim v2 (using both simulated and real data).

Courses will typically be held at our offices in Belfast. Other locations and dates are possible depending on client preferences. The cost of each training course per delegate includes:

- All the necessary hardware (you are welcome to bring your own laptop computer with all the relevant software installed if you prefer);
- All tuition;
- Tea and coffee;
- Lunch on each day of the course;
- A set of course notes;
- CD including all overheads, workshops and other useful data.

The cost of overnight accommodation is not included, but can be arranged locally upon request. Costs per delegate for the 2 day training courses are:

£595 + VAT

One Day Courses are also available for LandSim and ConSim only, at a reduced rate. These are aimed at people with experience of using earlier versions of the Sims software or for those who require 'top up' training.

The industry standard "Sim" software range includes LandSim and GasSim for landfill performance assessment with respect to groundwater/surface water impacts and gas generation and migration respectively, and ConSim which assesses the potential impacts of contaminated land to groundwater/surface water. The software has been developed by Golder Associates (UK) Ltd for the Environment Agency (England and Wales) and is available to industry at £850+VAT for LandSim v2.5 and ConSim v2.5, and £1000+VAT for GasSim v2. Regulatory authorities and academic institutions can purchase the software at a reduced rate (typically half price). Reductions are also available for multiple copies.

The software uses the Monte Carlo Method for provision of a probabilistic risk assessment, the output of which is tailored to provide for key requirements of current European Environmental Legislation. The latest version of LandSim (v2.5), for example, was developed to allow for consideration of issues raised in the Landfill Directive (such as degradation of site engineering/infrastructure) and is likely to be utilised in waste management PPC applications.

Impact assessments using the Sim software range are routinely accepted by both the Northern Ireland Environment Agency and the Environmental Protection Agency. An understanding of the software will aid industry, regulators and academics in the decision making process with respect to potential environmental impacts, controls and compliance.

For discussion on the software capabilities and uses, please contact Stephen Barnes at the address below:

Dr Stephen Barnes  
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Edgewater Office Park  
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