

Managing Risk: The Views of the Built Environment Professional in Wales

Organised by Geological Society Southern Wales Regional Group, supported by ICE Wales Cymru, Constructing Excellence in Wales, Cardiff University and the Geological Society Engineering Group.

Friday 26th October 2012
Half Day Seminar: 1.00pm to 6.00pm

The School of Earth & Ocean Sciences, Main Building, Cardiff University CF10 3AT

This is an opportunity to listen to experts from the built environment professional community on their views of risk. This has been stimulated by the emerging issues of the low carbon economy, investment in infrastructure, building information modelling, reduction in construction costs, energy investment and whole life value.

The construction industry has been engaged in a dialogue with government over the last few years that has resulted in construction being identified as a driver for economic growth. However, this can only be achieved if everyone engaged in the process understands the issues that their fellow professionals recognise and the importance those issues have in making decisions. Therefore the aim of this meeting is to start a process of developing a broader view of construction risk through an inclusive engagement of built environment professionals so that risks can be placed in context and effectively mitigated to reduce the overall economic, environmental and social cost of construction.

This seminar compliments a similar event held in London in February 2012 the results of which will be fed into the discussion session.

Programme:

- 13.00 - 13.30 - Arrivals, registration and tea/coffee
- 13.30 - 13.50 - Welcome– Paul Maliphant, Vice President of the Geological Society
- 13.50 - 14.10 - Pierre Wassenaar (Stride Treglown, Architect)
- 14.10 - 14.30 - Debbie Scott (GroundSolve Ltd, Ground Engineering)
- 14.30 - 14.50 - Simon Parkhouse (ChandlerKBS, Cost Management);
- 14.50 - 15.10 - Tea/coffee
- 15.10 - 15.30 - Rachel Gwilliam (Morgan Cole, Legal)
- 15.30 - 15.50 - Paul Maliphant (Halcrow, Thoughts from London 2012)
- 15.50 - 17.00 - Discussion. Summary of key issues and actions.
- 17.00 - 18.00 - Face time (no refreshments due to lack of sponsorship).

Sponsorship and thanks:

This seminar has been presented free of charge at the point of delivery due to the generosity of:

- Cardiff University - Seminar facilities
- Halcrow, Morgan Cole and the Geological Society - Refreshments
- Constructing Excellence in Wales – Conference office services
- Geological Society, ICE Wales Cymru, Constructing Excellence in Wales - Advertising
- ICE Wales Cymru – Speaker travel expenses
- Halcrow, Morgan Cole, Stride Treglown, Groundsolve, Chandler KBS – Speaker time cost

“We may daily observe that no strange accident doth at any time happen, but it is by some means foreshowed or foretold.”

John Hayward, *The Life and Raigne of King Henry IIIII*, published in 1599

Risk is not a new concept but how we manage it to greatest value in the construction industry is always open for improvement. In *Rethinking Construction (1998)* it was stated that ‘*continuous and sustainable improvement is achievable if we are prepared to challenge the waste and poor quality arising from our existing structures and working practices*’. Progress has been made but Sir John Egan (author of *Rethinking Construction*) noted in 2009 that ‘*what we’ve achieved so far is a bit of improvement*’ but that ‘*the opportunity remains just as large today, with the added incentives of harder economic times and major environmental pressures*’. We, collectively, must seek to improve further capturing value from wherever it may be found be that specific to the ground, which is seen by some as the greatest area of design and construction uncertainty, or elsewhere. We also need to promote ‘*holistic learning across disciplines, so that industry professionals are equipped with an understanding of how better integration delivers value*’ (Never Waste a good crisis, 2009). And here we are!

UK Register of Ground Engineering Professionals (UK RoGEP) Update October 2012

Progress

It is now just over a year since the UK Register of Ground Engineering Professionals (UK RoGEP) was launched and things have moved on at quite a pace. The UK RoGEP Register now has over 70 registrants and the number of applications continues at a good level. The uptake by ground engineers has been higher than originally considered and there is an anticipation of a 50% increase in applications during the next year!

Key Drivers

One of the key drivers, from a client perspective, is the need to employ qualified and competent ground engineering professionals. Ground engineering professionals may be chartered by the ICE, Geological Society or IoM3. On qualifications and chartered status alone they are generally indistinguishable from those civil engineers, geologists and mining engineers who do not have extensive ground engineering expertise and experience. RoGEP sets the benchmark that separates the ground engineer from his/her peers and allows clients to identify who is appropriate for their ground engineering project.

There is evidence that some clients are now actively requiring formally recognised ground engineering specialists and advisers to be involved in their projects. The three levels of RoGEP registrant are beginning to appear in guidance documents and client specifications. The recently published Site Investigation Steering Group specification document (“Yellow Book”) provides details of the roles for the three levels of registrant.

In addition, there is a direct reference to the need or desire for “responsible experts” to be assessed as in documents such as BS EN ISO 22475-2:2011 - Geotechnical investigation and testing - Sampling methods and groundwater measurements - Part 2: Qualification criteria for enterprises and personnel.

Endorsements

Various client organisations within the UK are fully and publicly endorsing the aims, objectives and need for UK RoGEP registration. These include The Welsh Government, Highways Agency, Network Rail, TfL and LUL.

Information and How to Apply

For further information on UK RoGEP, including how to apply and FAQs please visit www.ukrogep.org.uk or e-mail registers@ice.org.uk

UK RoGEP is supported by:-



UK RoGEP is formally endorsed by:-

