

**Eurachem**

A Focus for Analytical Chemistry in Europe

Session 2 - Methods for evaluating uncertainty from sampling

Summary

S Ellison

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Topics

- Comparing Uncertainty Values – are they really different?
 - P. Rostron.
- Evaluation of the sampling uncertainty from the Monte Carlo Simulation of georeferenced information
 - C. Borges, C. Palma, T. Dadamos, R. Bettencourt da Silva.
- Uncertainty from sampling in microbiological water analysis
 - F. Coimbra.



Common themes

- Simulation methods are increasingly used
- Two presenters showed results from purpose-built tools
 - One Excel spreadsheet
 - RANOVA – custom tool for the Duplicate method
- Specific problems need specific guidance
 - Ocean sampling
 - Microbiological water analysis