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Session 1: Applications of Uncertainty from Sampling

Summary

A Argyraki

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Main sectors present

- Adoption on ISO 17025:2017 UfS by medical labs
- River water sampling
- Sampling of trace explosives

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Main outcome

- It is questionable to what extend the UfS can be considered during the update process of ISO 15189 for medical labs
- Duplicate method is been applied spatially and temporally in sampling river water
- The “bottom up” approach is been applied in a “ binary” measuring system of trace explosives

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Questions discussed

- Ethical issues of sampling “materials derived from human bodies”
- River water- skewed distributions observed
  - Question of log-transformation
  - Question of effect of repeatability conditions of big labs involved in analysis
- Tracing the explosives- can the “top-down” approach can be applied?

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Proposal for future guidance

- Question on specifying sampling protocol and design