

Project Title: Investigation into error rates for distance estimation work

Principal Investigator: SallyAnn Harbison (The Institute of Environmental Science and Research Ltd., & School of Chemical Sciences, The University of Auckland)

ESR Supervisor: Leah Tottey (The Institute of Environmental Science and Research Ltd.)

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Funding: The Institute of Environmental Science and Research Ltd.

CONSENT FORM FOR PARTICIPANTS

This consent form will be retained for a period of 6 years at ESR Ltd. This consent form will be stored in a secure location separate from the research data, only accessible to Jessie Davys (third-party representative).

- I have had the details of this research presented to me in the participant information sheet (PIS) and I fully understand what it says.
- I have been given sufficient time to consider my participation in this study.
- I understand that my participation is completely voluntary, and I may withdraw from this study at any time before the thesis submission date (June 2025) without it affecting my relationship with The Institute of Environmental Science and Research Ltd. (ESR).
- I understand that I cannot participate if my organisation does not also consent.
- Any questions or concerns have been answered with sufficiency and I understand that I may ask questions at any time during this study.
- I understand that the data I provide will only be used for this study and will not be used in future research.
- I understand that the total time required for me to participate in this study may take more than one business day.
- I understand the physical risks associated with the tasks I am being asked to carry out, notably the handling and discharge of firearms, the mitigation of lead toxicity, and other health and safety risks found within my workplace. I have a full comprehension of my laboratory protocols and hazards.
- In any adverse event, I will seek assistance from my relevant health and safety representatives, and I will inform the research team as soon as possible.
- I understand that the data obtained during this research could be presented in a thesis, in the publication of scientific papers in peer-reviewed journals or presented at conferences.
- I understand that my identity will not be published, linking me to the data I provided. My identity will only be known to the third-party representative, Jessie Davys.

Approved by the University of Auckland Human Participants Ethics Committee on 28/03/2025 for three years.
Reference number UAHPEC28965.

- I understand that the signed consent form will be kept in secure storage at ESR for a period of 6 years, when they will be destroyed following ESR destruction protocol.
- I understand that all raw data obtained will be kept indefinitely at ESR on a secure server with restricted access to protect my identity.

I provide my full and informed consent, and I agree to take part in this research under the conditions outlined in the PIS.

Participant's Name: _____

Participant's Signature: _____

Date (DD/MM/YYYY): ____/____/____

Contact Email (if you wish to be informed about the study results):

Approved by the University of Auckland Human Participants Ethics Committee on 28/03/2025 for three years. Reference number UAHPEC28965.

For any concerns regarding ethical issues, you may contact the Chair, the University of Auckland Human Participants Ethics Committee, Office of Strategy Research and Integrity, University of Auckland, Private Bag 92019, Auckland 1142, New Zealand.

Telephone +64 9 373-7599 ext. 83711.

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