Quality Policy

The Earth Surface Research Laboratory (ESRL; the Laboratory) was established in September 2019 to develop and maintain analytical and preparation facilities for bulk geochemical analysis in Trinity College Dublin (TCD). The laboratory is part of the Department of Geology (School of Natural Sciences) at TCD.

The ESRL endeavours to continually maintain, develop and improve its Quality Management System (QMS), to ensure that it meets the requirements and expectations of interested parties and provides a platform for extending the range of products and services that the Laboratory provides.

The ESRL is managed by a Director and Management Committee, who are committed to the purpose and context of the Laboratory. The Director and Management Committee ensure that the purpose, context and values of the Laboratory are promoted and communicated to staff, to support the ESRL in achieving its quality objectives.


The ESRL has determined the internal and external issues that impact its ability to meet its purpose and strategic direction, and that affect its ability to achieve the intended results of its QMS. The Laboratory’s current strategic direction is global recognition as a quality analytical supplier.

The Director and Management Committee are ultimately responsible for ensuring the continued maintenance and improvement of the QMS. However, all members of laboratory staff have a responsibility to highlight areas of potential improvement, report nonconformities, ensure that quality standards are maintained within their own work areas.

It is a core ESRL quality policy that all relevant QMS information is communicated, understood and made available to staff, customers and other interested parties.

To ensure the overall success of the QMS, the laboratory has determined the following quality objectives:

- Work according to the ESRL QMS
- Provide training and development opportunities for laboratory staff
- Ensure that instruments are well maintained and available at their maximum reasonable capacity
- Monitoring the maintenance and calibration of instruments and equipment
- Monitoring and measuring the production process
- Meeting customer expectations

Full details of the ESRL QMS, quality objectives and quality monitoring are available in the ESRL Quality Manual, available at www.tcd.ie/geology/esrl.