

MVO Seismologist's Duties and Jobs

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2 July 2025

Overview

- Advise MVO Director on seismic activity.
- Manage MVO monitoring system hardware, software, data and products.
- Support MVO technical staff in installation and maintenance of monitoring network.
- Maintain MVO monitoring system documentation.
- Supervise Seismic Technician.
- Develop training, internal and external, for Seismic Technician.
- Backup for Seismic Technician when absent.
- Ops Room duties shared with Seismic Technician and Deformation Technician.
- Liaise with SRC seismic staff.
- Outreach as required.
- Research.

Specific

- Manage MATLAB licences.

Regular

Daily

- Check quality of seismic data and products.
- Liaise with MVO technical staff on problems.
- Document significant problems or changes in monitoring system in *systemNotes.xlsx*.
- Investigate any significant, unusual or interesting seismic activity
 - Record in *SeismicityDiary.xlsx*.
 - Create standardised plots and save in *~/projects/SeismicityDiary/plots*.

Weekly

- Mon (am): Report status of monitoring system to weekly staff meeting.
- Mon (am): Report any significant seismic activity in previous week to weekly staff meeting.
- Fri (am): Add counts from weekly reports to *SeismicityDiary.xlsx*.

Semi-Annually

- Prepare text and figures for seismic parts of MVO six-monthly report.

Annually

- Check for any problems in monitoring system associated with year rollover.