**GGU-GEO-GRAF** – Management and visualisation of monitoring data with a focus on the spatial component.

The monitoring data can be displayed in the following position orientated graphics:

- Contour lines
- Colour filled contours
- Colour filled 3D graphics
- Bar charts (linear, logarithmic, root scale)
- Bar charts (stacked)
- Pie charts
- Circle charts
- Symbolic charts
- Tables

**Capabilities:**

- Point input using Editor or mouse click
- Import ASCII files, e.g. tachymeter data
- Subsequent editing of all coordinates, e.g. displacement of all points by the same value
- Subsequent editing of all monitoring data, e.g. via factor input
- Link data, e.g. difference formation
- Interpolation of points and corresponding monitoring data, e.g. before and after ground raise
- Bar charts: linear, logarithmic, root scale, stacked
- Bar and table charts with value-dependent colour fill (exceeding limits)
- Separately definable limit for each individual value
- Create sections for user-defined monitoring data
- Create sections graphically, using coordinates or along system nodes
- Section visualisation in colour, with or without labelling
- Free configuration of page format, image coordinates and scales
- User-defined graphic backdrops, e.g. topographic maps, drawings, photos
- Print or copy screen sections, e.g. for transfer to a word processor
- Integrated Mini-CAD system for additional annotation of graphics