Explanation of the downloadable graphic file (*.png, *.pdf)

- The name of the downloadable graphic files follows the pattern
  CEC_YY_AAS_NN_MMM_dpi.

  Thereby stand

  CEC for cation exchange capacity,

  YY for the sampling medium
  - Ap: arable land soils
  - Gr: pasture land soils,

  AAS for the used analytical method
  Silver-thiourea method, AAS. A detailed method description can be find in Reimann, C., Demetriades, A., Eggen, O.A., Filzmoser, P. & EuroGeoSurveys Geochemistry Working Group (2011): The EuroGeoSurveys geochemical mapping of agricultural and grazing land soils project (GEMAS) – Evaluation of quality control results of total C and S, total organic carbon (TOC), cation exchange capacity (CEC), XRF, pH, and particle size distribution (PSD) analysis. NGU Report 2011.043. Geological Survey of Norway: 92; Trondheim. URL: https://www.ngu.no/upload/publikasjoner/rapporter/2011/2011_043.pdf,

  NN for the number of displayed levels (7 or 72) and

  MMM for the graphic resolution of the file.

- The scale of the full size maps is 1:25 000 000.

Explanation of the ESRI-Shapefiles

- All shapefiles are combined in one ZIP file.
- The naming of the shapefiles within the ZIP file follows the same pattern as the naming of the graphic files, whereby the specification of the graphic resolution is omitted, of course.
- The spatial resolution of the shapefiles is 1:20 000 000, derived from the sampling density of one sample per 2 500 km^2. The shapefiles are unsuitable for display at larger scales (e.g. 1:1 000 000). The smallest significantly assessable object size is about 50 x 50 km.
- The coordinate reference system of the shapefiles is EPSG:3035 (ESRI: ETRS_1989_LAEA). Further information can be found at https://epsg.io/3035.
- The attribute tables of the shapefiles include the fields GRIDCODE (format integer) and CLASSLIMIT (format string, length 75). The field GRIDCODE contains the (numeric) class number of the corresponding area; the field CLASSLIMIT contains the corresponding value range.