

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

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

Thereby stand

Kd for K_d value,

XX for the chemical symbol of the parameter in the periodic table of elements for which the K_d value is represented,

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

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.
- Further information on the K_d value and its determination can be found in Janik, L.J., Forrester, S., Kirby, J.K., McLaughlin, M.J., Soriano-Disla, J.M., Reimann, C. (2014): Prediction of Metal and Metalloid Partitioning Coefficients (K_d) in Soil Using Mid-Infrared Diffuse Reflectance Spectroscopy. - In: Reimann, C., Birke, M., Demetriades, A., Filzmoser, P. & O'Connor, P.: Chemistry of Europe's Agricultural Soils, Part B: General Background Information and Further Analysis of the GEMAS Data Set. (Geologisches Jahrbuch Reihe B, Band B 103). B 103: 183-188; Stuttgart (Schweizerbart Science Publishers).

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 km². 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.