

Soil data information

Arsen in Böden Österreichs, Endbericht

Arsen in the soils of Austria

Created: 1998 *Updated:* N/A

BODEN - INFORMATIONS - SYSTEM
des Bundes und der Bundesländer



<p>Owner</p>	<p>Provincial governments of Carinthia, Tyrol, Salzburg, Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management (BMFLUW), Ministry for Transport, Innovation and Technology (BMVIT) <i>Created by:</i> Arbeitsgruppe Umweltgeochemie des Instituts für Bodenforschung</p>
<p>Accessibility</p>	<p><i>Conditions:</i> Free access <i>Data access type:</i> Online viewer data export <i>Web link:</i> http://www.umweltbundesamt.at/umweltsituation/boden/boris/boris_date_nzugang/ <i>Contact details:</i> boden@umweltbundesamt.at</p>

<p>Technical details</p>	<p><i>Country:</i> Austria <i>Covered region(s):</i> Tyrol, Salzburg, Carinthia, Styria <i>Covered land type:</i> Forest, Agriculture <i>Dataset:</i> Points <i>Map resolution:</i> Number of points: 39 <i>Data type:</i> Raw soil data <i>Included soil parameters:</i> K, N, CaCO₃, TOC, pH-value, CEC, clay %, silt %, sand %, Al, As, Ca, Fe, Mg, Mn, Na, Si, date of sampling, original sample number, size and type of sampling area, horizon boundary, material of humus layer, skeleton content, mottling, concretions, primary soil structure, size of aggregates, root penetration intensity and sample volume.</p>
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<p>Technical details</p>	<p>Location data: Name of site, date of site description, original site number, survey type - temporal scope, sampling point distribution, page number of oeK 1: 50 000, municipal number, number of cadastral commune, coordinate east west, coordinate north south, map projection or coordinate system, median stripe for Gauss-Krueger, BMN and military coordinates, resolution of DEM for altitude calculation, exposition, macro relief (land form), soil type, soil type - text, FAO - soil units, land use, primary texture (addition).</p>
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<p>Additional information</p>	<p>Data portal BORIS offers access for most of Austrians raw-point soil data. A GIS data viewer is integrated in the portal for viewing locations of the samples. An excel file with can be downloaded, which shows the availability of soil and location parameters. For data extraction (with parameters), an "order-file" needs to be filled out and submitted: https://secure.umweltbundesamt.at/boris/cgi-bin/m17/bestellformular.pl (a Access fee will be charged). The x and y coordinates are rounded in the table, so that the exact location cannot be obtained. The provided coordinates can differ as much as 999 m in both directions (east-west and south-north) from the real coordinates. The original data set can be requested at: boden@umweltbundesamt.at. Access needs to be approved by the data owner with an initial approval and access fee. Some listed parameters might not be available for all records (samples). All data characteristic on BORIS data portal are harmonised and in German language.</p>
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