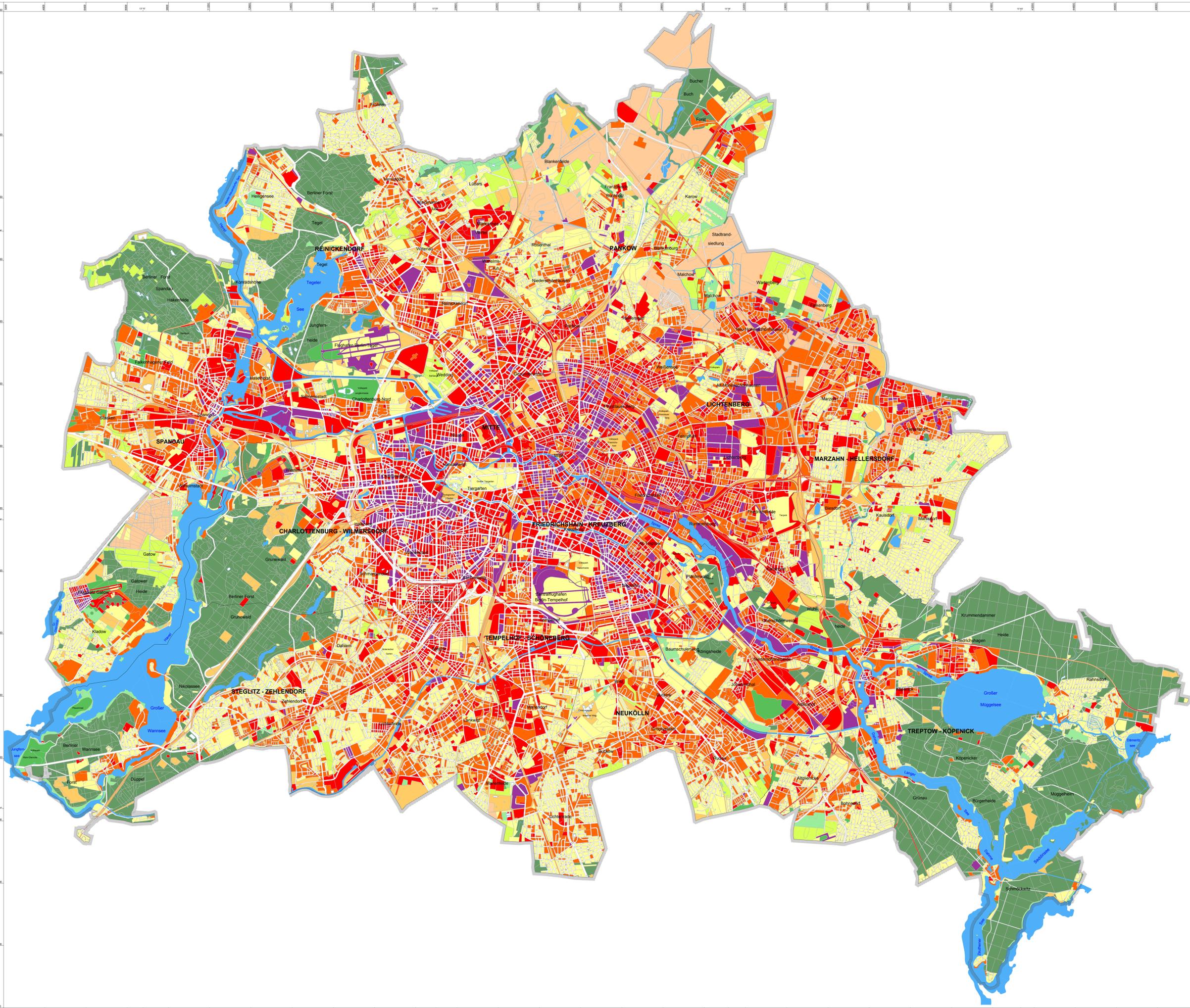


Near - Natural Quality

Size of ground variation	Exemplary Land use	Criteria	Near Naturalness
	not changed	no occurrence in Berlin	
	very little changed	no occurrence in Berlin	
	1 somewhat changed	Forest	Natural grown soil with little human influence
	2 Little to moderately changed	Park in outside area (z.B. Landschaftspark)	Topsoil negligibly influenced by human
	3 moderately changed	Meadows and Pastures	Topsoil influenced by human
	4 moderately changed	Farmland	Topsoil influenced by human
	5 moderately changed	Park, Greenspace, Graveyard, Allotment garden, Tree Nursery, Weekend Cottage area, Camping place, Residential area with sealing <30%	Topsoil and somehow subsoil moderately influenced by human (partly soil deposit)
	6 Strongly changed	Former Sewage Plant	Topsoil (strong), Subsoil moderately influenced by human
	7 very strongly changed	Park in inside area (Predominantly on deposits), Allotment garden (on abrasion area or on deposit area), Vacant area, Army training area, Open cast mining, Train area	Overall strongly changed soil due to ground construction, predominantly deposited area
	8 Extreme strongly changed	Sport area, Outdoor swimming area, Residential area with sealing between 30 and 60 %	Overall strongly changed soil due to ground construction, predominantly deposited area
	9 Extreme strongly changed	City squares, Railroad embankment, Residential Area with sealing > 60%	Overall very strongly changed soil due to ground construction, predominantly deposited areas
	10 Extreme strongly changed	Residential area* with sealing > 60%	By abrasion and deposition totally changed soil due to compaction.

Evaluation of the Near-Naturalness based on Hemerobics from Blume and Sukopp (1976) or Blume (1990), Chertaus (1985), Stasch/Starr/Syrow (1991).
 *) Residential area includes following land uses: Living area, Mixed area, Commercial and Industrial area, Public facilities, Utilities area and Traffic area

Remarks: Category 1-5 are close to near natural soil properties, category 6-10 are influenced by human (cf. Environmental Atlas map 01.01 Soil Associations.)



Scale: 1 : 50 000


Publisher: Department of Urban Development Berlin
 Communication

Conception: Department III F (Urban and Environmental Information System)
 Data: Soil data of Urban and Environmental Information System, 2001
 Land Use and Surface Sealing (12/2001)

Data Processing: Josef Gerstenberg, Ursula Smettan
 Cartographic Design: Cornelia Nitzsche, Aslam Qazi
 Finished on: August 2005

Basic map: Digital map 1:50.000 Urban and Environmental Information System
 This map is copyright protected. Reprinting or any other form of reproduction only with prior permission.

Edition 2006
 Internet-Adress: <http://www.stadtentwicklung.berlin.de>