



Archaeological Data in the course of Vienna's Anthropocene project

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Theories about Anthropocene contain the activities of mankind and the appropriate remains as one approach where you are able to start that newly created geological era. For the case study concerning the urban area of Vienna that means the existence of archaeological layers from the Paleolithic until the present. Since around 25 years the Department of Urban Archaeology of Vienna has been collecting all data and informations from excavations and finding reports, which are saved in a GIS-system of the city administration. Particularly since Roman times the risen earth layers could achieve a height of around 4 metres within the inner city of Vienna, while outside the historic centre archaeological features could appear just below the modern surface. But besides all modern cellars there are further historic structures extending quite deeper than the common layering. Especially the no more existing fortification line of the 16th century in the area of today's Ringstraße with its walls, ramparts and ditches can be found in a depth of more than 10 metres. Excavations of the last 130 years supply data for the respective height of the „backfill“ and together with corresponding statements from thousands of drill cores occur a solid base for creating a 3D-modell for this approach of Anthropocene.