3D-Reconstruction of historical landscapes in the District of Göttingen Dipl - Eng. Linda Szűcs, Prof. Dr. Renate Bürger-Arndt

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Academic Aim

In the past two centuries, there has been a dramatic change of the landscape within the district of Göttingen following different stages of economic land use. The change was accompanied by several transformations of biodiversity, human usage potential, and perceivable forms of appearance (e.g. landscape design) accordingly. The aims of this project are:

(1) to visually reconstruct the historic transformation of landscapes since the end of the eighteenth century (*Visualization Stage*), and
(2) to evaluate its aesthetic perception (reception) and evaluation today (*Evaluation Stage*).

We draw our data from multiple monographic and cartographic sources, as well as photographic content. To achieve an accurate and holistic visualization of the Göttingen landscape we base our analyses on different time intervals following the analyses of Korus (2009) Preutenborbeck (2009) Anders (in process):

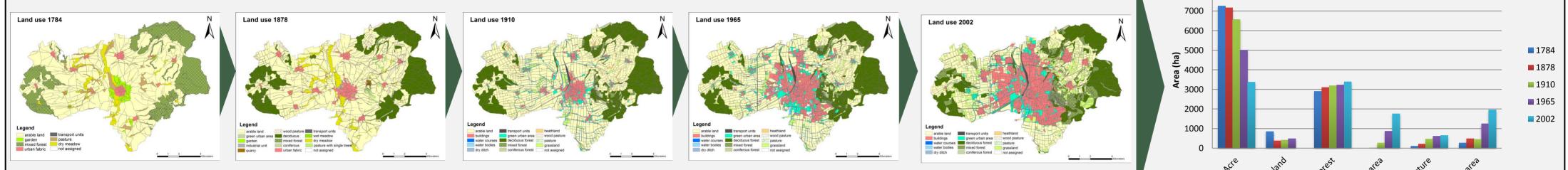


Figure 2. Land use changes (Source: Korus 2009, Anders)

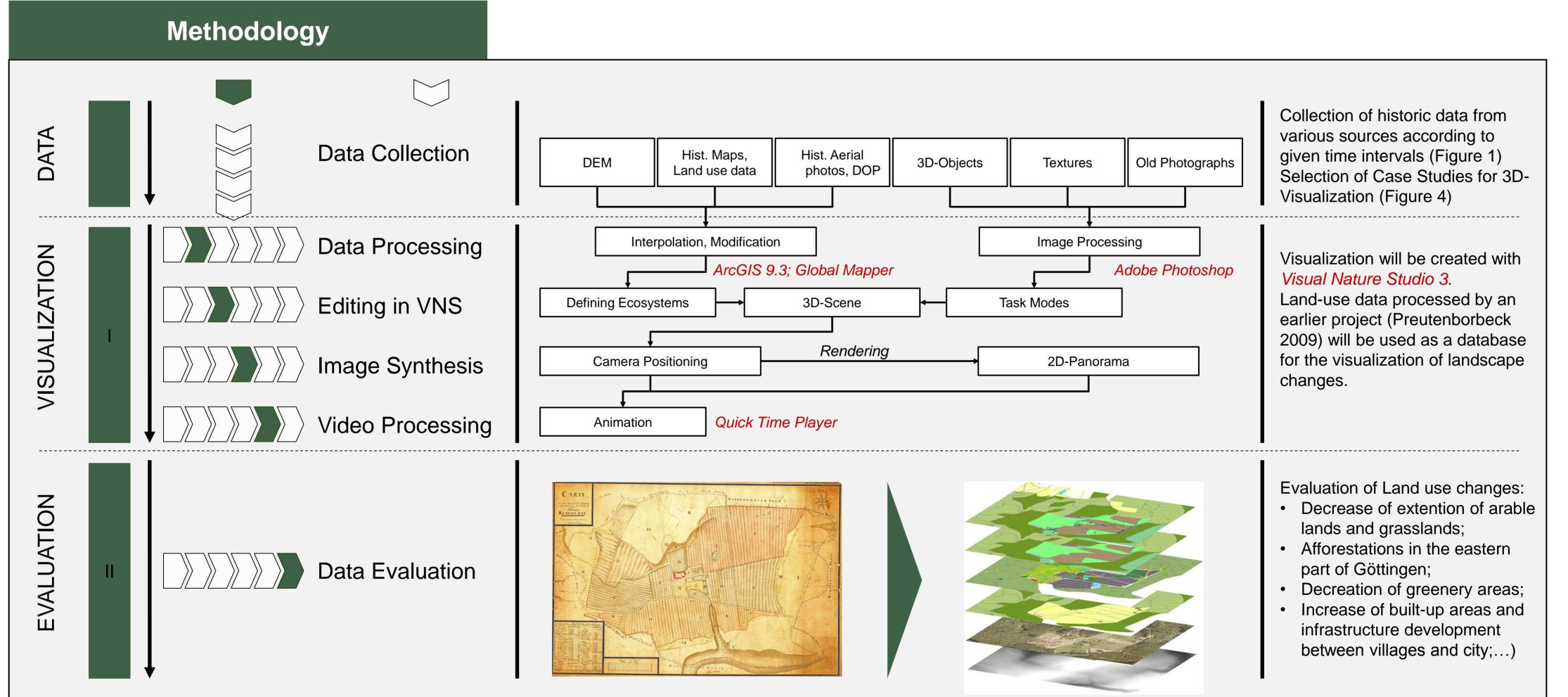


Figure 3. Historical Map from 1824 about Kerstlingeröder Feld

