

Two maps over the agrarian landscape of the Vadstena plains ca 1640 -- from the dissertation "Ostergotland "Västanstång": studies of the older agrarian landscape and its genesis"

SND-ID: snd1122-1. **Version:** 1.0. **DOI:** <https://doi.org/10.5878/d6g1-1674>

Download data

SND1122-001-V1.0.zip (188.21 MB)

Citation

Helmfrid, S. (2019) Two maps over the agrarian landscape of the Vadstena plains ca 1640 -- from the dissertation "Ostergotland "Västanstång": studies of the older agrarian landscape and its genesis" (Version 1.0) [Data set]. Stockholm University. Available at: <https://doi.org/10.5878/d6g1-1674>

Creator/Principal investigator(s)

Staffan Helmfrid - Stockholms universitet, Kulturgeografiska institutionen

Research principal

[Stockholm University](#) - Kulturgeografiska institutionen

Description

This study is an investigation of the agrarian landscape in the western part of Ostergotland County (in Sweden). The study was published in the form of a dissertation in Human Geography written (in German) by Steffan Helmfrid, and defended in 1962. Two maps were produced as a part of the dissertation, based on historical material. These maps show the agrarian landscape as it was around 1640. Helmfrid's analogue process for producing these maps was unique for the 1960s. These two maps are made available here.

Two maps are made available here:

1) Name: No Title (Working version)

scale: 1:50,000

coordinate system: no coordinates

file format: tiff (.tif)

file size: 198 MB

file name: helmfrid_orginal_photoshop.tif

2) Name: "The Agrarian Landscape on the Vadstena plains around the year 1640"

scale: 1:100,000

coordinate system: RT 90 2.5 gon V (EPSG 3021)

file format: geotiff (.tif)

file size: 40 MB

file name: helmfrid_rectify.tif

The first map is an unpublished working version that was used as the basis for the second map which

is the published version contained in Helmfrid's dissertation. The working version has a larger-scale, which means it is more detailed than the second map.

The second map was digitized and rectified in 2009 by Johan Berg, also from Stockholm University. This was done as part of a project on land relations during the Younger Iron Age in western Östergötland. (See link to separate data , 2019-102, in SND's catalog). The working version (the first map) was digitized in 2019 when it was decided to publish Helmfrid's maps via the Swedish National Data Service.

The working version was based on a compilation of 400 smaller village and farm maps, all from the 1640s. These sources can be found in the following historical property maps (in Swedish: geometriska jordeböcker): D5, D6, D7, D8 and D10 (See <https://riksarkivet.se/visa-kartsamlingar> -- "D" refers to maps from Östergötland county). All the original historical maps were signed by one surveyor -- Larson Groth.

The rectified map can be opened in most Geographic Information System (GIS) programs. The map can also be opened in image editing software, but without coordinates. The working version (the first map) is also a raster file, but because the working version was never rectified, it has been saved as a normal tiff file (.tif), not a geotiff. It can be opened in image editing programs like Photoshop or opensource Gimp.

More information on how Helmfrid produced these maps and a link and reference to his dissertation can be found (in Swedish) in the attached documentation file.

Language

[German](#)

[Swedish](#)

Time period(s) investigated

[17th century](#)

Data format / data structure

[Still image](#)

[Geospatial](#)

Geographic spread

Geographic location: [Östergötland County](#), [Vadstena Municipality](#), [Motala Municipality](#), [Mjölby Municipality](#), [Ödeshög Municipality](#), [Boxholm Municipality](#)

Responsible department/unit

Kulturgeografiska institutionen

Research area

[Other agricultural sciences](#) (Standard för svensk indelning av forskningsämnen 2011)

[Social sciences](#) (Standard för svensk indelning av forskningsämnen 2011)

[Human geography](#) (Standard för svensk indelning av forskningsämnen 2011)

[History](#) (Standard för svensk indelning av forskningsämnen 2011)

[Boundaries](#) (INSPIRE topic categories)

[Imagery / base maps / earth cover](#) (INSPIRE topic categories)

[Farming](#) (INSPIRE topic categories)

[Economy](#) (INSPIRE topic categories)

Keywords

[Land use](#), [Cadastral parcels](#), [Geographical names](#), [Land cover](#), [Gis](#), [Settlement](#), [Agrarian history](#)

Publications

Helmfrid, Staffan: Östergötland "Västanstång". Studien über die ältere Agrarlandschaft und ihre Genese. 17 maj 1962. Medd. från Geografiska Institutet vid Stockholms Högskola nr 140. Geografiska annaler 44:1-2. 277 sidor + kartbilaga.

DOI: <https://doi.org/10.2307/520139>

Berg, Johan. 2009. "Fornlämningar och jordäggande: om framväxten av det medeltida sociala landskapet i ljuset av fornlämningarna från yngre järnåldern" i Skuggor i ett landskap: Västra Östergötlands slättbygd under järnåldern och medeltid, Resultat av ett tvärvetenskapligt projekt. Anders Kaliff (ed). Stockholm: Riksantikvarieämbetet. ISBN 9789172095434, s. 102-145.

If you have published anything based on these data, [please notify us](#) with a reference to your publication(s). If you are responsible for the catalogue entry, you can update the metadata/data description in DORIS.

Polygon (Lon/Lat)

14.6, 58.57

14.6, 58.21

15.38, 58.21

15.38, 58.57

14.6, 58.57

Accessibility level

Access to data through SND

Data are freely accessible

Use of data

[Things to consider when using data shared through SND](#)

License

[CC BY 4.0](#)

Versions

Version 1.0. 2019-09-25

Contacts for questions about the data

Johan Berg

johan.berg@humangeo.su.se

Mats Widgren

mats.widgren@humangeo.su.se

This resource has the following relations

Is referenced by [2019-102](#)

Download metadata

[DataCite](#)

[DDI 2.5](#)

[DDI 3.3](#)

[DCAT-AP-SE 2.0](#)

[JSON-LD](#)

[PDF](#)

[Citation \(CLS\)](#)

[File overview \(CSV\)](#)

Published: 2019-09-25

Last updated: 2019-11-06