

Digital Reconstruction of the Archaeological Landscape in the Concession Area of the Scandinavian Joint Expedition to Sudanese Nubia (1961-1964)_2

SND-ID: snd0944-2. **Version:** 1.0. **DOI:** <https://doi.org/10.5878/002088>

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SND0944-002-V1.0.zip (339.86 MB)

Associated documentation

Johansson 2014 Nubia Project Report.pdf (9.08 MB)

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snd0944-2-1.0.zip (~348.94 MB)

Citation

Johansson (magisterstudent), C. (2014) Digital Reconstruction of the Archaeological Landscape in the Concession Area of the Scandinavian Joint Expedition to Sudanese Nubia (1961-1964)_2 (Version 1.0) [Data set]. Uppsala University. Available at: <https://doi.org/10.5878/002088>

Creator/Principal investigator(s)

Carolin Johansson (magisterstudent) - Uppsala university, Department of Archaeology and Ancient History

Research principal

[Uppsala University](#) - Department of Archaeology and Ancient History

Description

These data were collected for a master (Swedish "magister") thesis in Egyptology and are published with approval of the student's tutor (Daniel Löwenborg, Uppsala Uni.)

The Scandinavian Joint Expedition to Sudanese Nubia (SJE) was one of the substantial contributions of crucial salvage archaeology within the International Nubian Campaign which was pursued in conjunction with the building of the High Dam at Aswan in the early 1960's. A large quantity of archaeological data was collected by the SJE in a continuous area of northernmost Sudan and published during the subsequent decades. The present study aimed at transferring the geographical aspects of that data into a digital format thus enabling spatial enquires to the archaeological information to be performed in a computerised manner within a geographical information system (GIS). The landscape of the concession area, which is now completely submerged by the water masses of Lake Nasser, was digitally reconstructed in order to approximate the physical environment which the human societies of ancient Nubia inhabited. Information on the nearly 500 indexed archaeological sites of the SJE was classified and imported into the GIS. The potential of the system thereby established, validated against modern remote sensing data and aerial photography, was then demonstrated by a number of spatial analyses at an inter-site level. The system hereby developed is intended to be used in further studies of the relevant and information-rich research fields of ancient Nubia, for applications similar to those demonstrated in the present project or for educational and research purposes hitherto unpredicted.

Purpose:

The study aimed at transferring the geographical aspects of analogue data collected by the Scandinavian Joint Expedition to Sudanese Nubia into a digital format, thus enabling spatial enquires to the archaeological information within a geographical information system (GIS).

The dataset comprises a digital elevation model in GeoTIFF format of the SJE concession area and the surrounding region, based on manually digitalised features from the Egypt New Series Map 1:25000.

Language

[English](#)

[Swedish](#)

Data format / data structure

[Still image](#)

[Geospatial](#)

Geographic spread

Geographic location: [Sudan](#)

Geographic description: Ancient Nubia, North Sudan

Lowest geographic unit

Country

Highest geographic unit

Country

Responsible department/unit

Department of Archaeology and Ancient History

Research area

[History](#) (CESSDA Topic Classification)

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

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

Keywords

[Gis](#), [Nubia](#), [Digital elevation model \(dem\)](#), [Digitalization](#), [Scandinavian joint expedition to sudanese nubia \(sje\)](#)

Publications

Johansson, Carolin (2014). Digital rekonstruktion av det arkeologiska landskapet i koncessionsområdet tillhörande den Samnordiska Expeditionen till Sudanska Nubien (1960-1964). Magisteruppsats i egyptologi. Institutionen för arkeologi och antik historia, Uppsala universitet.

[DiVA](#)

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publication(s). If you are responsible for the catalogue entry, you can update the metadata/data description in DORIS.

Accessibility level

Access to data through SND

Data are freely accessible

Use of data

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

Versions

Version 1.0. 2014-04-17

Related research data in SND's catalogue

[Digital Reconstruction of the Archaeological Landscape in the Concession Area of the Scandinavian Joint Expedition to Sudanese Nubia \(1961-1964\)](#)

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