

Abstract:

The work will focus mainly on the collection of available written and archaeological data on Roman fortifications and other fortification elements in the Western Desert in Egypt. The data will be organized with the help of a database program, in which will be recorded all available information about the desert fortifications dating from the end of the 3rd century to the beginning of the 5th century AD. Thanks to the creation of this database, it will be possible to compare individual fortifications in terms of construction technology, layout, position and orientation. The potential of the work itself is therefore in the collection, comparison, and evaluation of available information. At the same time, the database will be connected to a geographic information system (GIS), which will first record the exact location of individual fortifications and other elements in the Western Desert and secondly a map of caravan routes passing through the area. As part of the evaluation of the mutual positions of fortifications and other fortification elements and caravan routes, it will also be possible to interpret localities in the context of the main roads passing through the area of the Western Desert.

Key words:

Roman fortifications, Roman army, Egypt, Western desert, oases, caravan routes