



ABSTRACT SUBMISSION

An Ubaid period storage building recently discovered at Eridu: detection, investigation and documentation by smart GNSS positioning and SFM photogrammetry

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Abstract

During the 2023 and 2024 Project AMEr archaeological missions in Eridu, directed by Prof. F. D'Agostino of Sapienza Rome University and supported by International Telematic University UNINETTUNO, a new storage building belonging to Ubaid period has been found, investigated and partially excavated. This architecture falls in a craft-area located about 100 m SE of the Ubaid cemetery (already excavated by an Iraqi mission in the mid-1900s) about 8500 sqm wide: this zone has been mapped using a GNSS smart device in association with a drone to produce a general photogrammetric plan of the sector. This appears characterized by ancient production activities: piles of ceramic slag are the clue of pottery kilns while a rectangular-shape buried structure, visible for an area of 200 sqm, was detected thanks very clear soil-marks. This architecture, divided into little squared rooms arranged in chess, is very similar to a storage building known at tell el Oueili, near Larsa. We have conducted an intensive field-survey and, after, a first stratigraphic excavation that confirmed the architecture's function and chronology (4th Ubaid period) and the public character of the building, probably constructed, with skill, by an organism capable of centralizing and conserving primary goods.

Keywords

Survey, Excavation, Documentatation, Eridu, Ubaid

Session

1. Advances in Near Eastern Archaeology

Type of paper

Oral presentation