

ADED - Sharing excavation documentation

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The Norwegian university museums have worked several years to develop common solutions for databases and field documentation (Matsumoto and Uleberg 2021). This paper will present results from the Norwegian infrastructure ADED (Archaeological Digital Excavation Documentation, <https://aded.unimus.no/>) (Ore and Uleberg 2019). The main achievements of the infrastructure is a common repository for digital data, an interface for queries and free download across all excavation projects, and a mapping of the data to CIDOC CRM. Participants in the ADED project are the university museums and the Norwegian Directorate for Cultural Heritage (Riksantikvaren, ra.no).

There are five university museums in Norway, each having the responsibility for archaeological collections and excavations within their district. The museums decided in 2011 to use the Swedish system Intrasis (intrasis.com) for excavation documentation. Intrasis can be used as a very flexible system, but the museums wanted future possibilities to combine results from different excavations, and therefore also decided to use common templates and authority lists. The museums' group for excavation documentation meet regularly to discuss and decide on annual additions and changes to the templates in use. The independent institution NIKU (niku.no) and Riksantikvaren take part in the meetings.

ADED is included in the national UniMus:kultur infrastructure. UniMus:Kultur is also responsible for the common museum databases for images and artefacts, published at unimus.no/portal. The artefact database has an eventbased datamodel, and a defined set of ID numbers make it possible to link data from ADED, the artefact and image databases and the National Heritage and Environment Register.

UniMus:Kultur with ADED adheres to the FAIR principles of sharing data. The Unimusportal affords free download of metadata and images and ADED gives access to excavation documentation with links to artefacts and images. Authoritative lists for artefact as well as ADED terminology is translated and mapped to Getty's AAT. This, and the mapping of period names to PeriodO was done as part of the ARIADNE+ project, and the archaeological collection of Museum of Cultural History in Oslo is now published at ARIADNE RI (<https://www.ariadne-research-infrastructure.eu/>). ADED's mapping to CIDOC CRM has created a necessary base for links to other excavation datasets. Please enter the text of your paper here. You can use two levels of headings from the stylesheet catalogue. Please do not include any figures and tables in the text, but include them as separate files, as outlined above.

References

- Matsumoto, M. and Uleberg, E. (2021). Curation of Digital Archaeological Data in Norway, *Internet Archaeology*. ISSN 1363-5387. 58. doi:10.11141/ia.58.29.
- Ore, C.-E.S. and Uleberg, E. (2019). The ADED project - a Norwegian infrastructure for excavation data. In Niccolucci, F. and Richards, J. (Eds), *The ARIADNE impact*. Archaeolingua. ISSN 9786155766312. s. 123–134.