

Monitoring of archaeological sites in Sudan using satellite imagery

Workshop in Cairo

22nd-26th September 2024



UNIVERSITY
OF WARSAW



POLISH CENTRE
OF MEDITERRANEAN
ARCHAEOLOGY

Day 1

09:00-09:30

Introduction - let's get to know each other

9:30-10:15

Satellite imagery - development of technology and its use in archaeology (Włodzimierz Rączkowski)

10:15-11:00

Breakfast

11:00-12:00

Access to satellite imagery (Mariusz Drzewiecki)

12:00-13:00

Practical training in interpreting satellite imagery

13:00-13:30

Coffee break

13:30-15:00

Practical training in interpreting satellite imagery

- During the day open source software will be installed on participants' computers (QGIS and Google Earth) – Mariusz Drzewiecki

Day 2

09:00-10:15

Vectors and rasters - GIS for monitoring archaeological sites (Włodzimierz Rączkowski and Mariusz Drzewiecki)

10:15-11:00

Breakfast

11:00-13:00

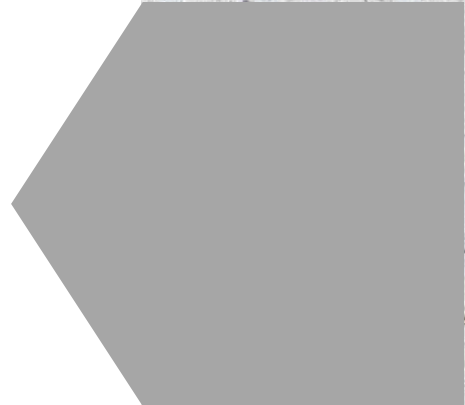
GIS practical training

13:00-13:30

Coffee break

13:30-15:00

GIS practical training



Day 3

09:00-10:15

Brief introduction to databases (Stefania Merlo)

10:15-11:00

Breakfast

11:00-13:00

Introduction to the Hinkel Digital Archive, the NCAM Heritage Register iDAI.field database and the MAEASaM project (Pawel Wolf, Paul Lane)

13:00-13:30

Coffee break

13:30-15:00

Practical use of the database and discussion (Pawel Wolf)

Day 4

9:00-10:15

MAEASaM project for Sudanese archaeological heritage (potential and practical application) (Stefania Merlo, Dana AlSalamin, Tohamy Abulgasim)

10:15-11:00

Breakfast

11:00-13:00

MAEASaM aerial and satellite site detection and monitoring in practice (Stefania Merlo, Dana AlSalamin, Tohamy Abulgasim)

13:00-13:30

Coffee break

13:30-15:00

Practical exercise in extracting information from paper and other records and preparing them for ingestion in a generic database (Stefania Merlo, Pawel Wolf)

Day 5

9:00-10:15

Remote sensing for heritage in the Eastern Desert of Sudan: Methods, results, and future goals of the Atbai Survey Project (Julien Cooper)

10:15-11:00

Breakfast

11:00-12:00

AI-based looting detection using satellite imagery (Giulio Poggi)

12:00-13:00

Discussion (moderators Włodzimierz Rączkowski and Mariusz Drzewiecki)

13:00-13:30

Coffee break

13:30-15:00

Closing remarks (+ certificates for the participants and group photo)

Notes



