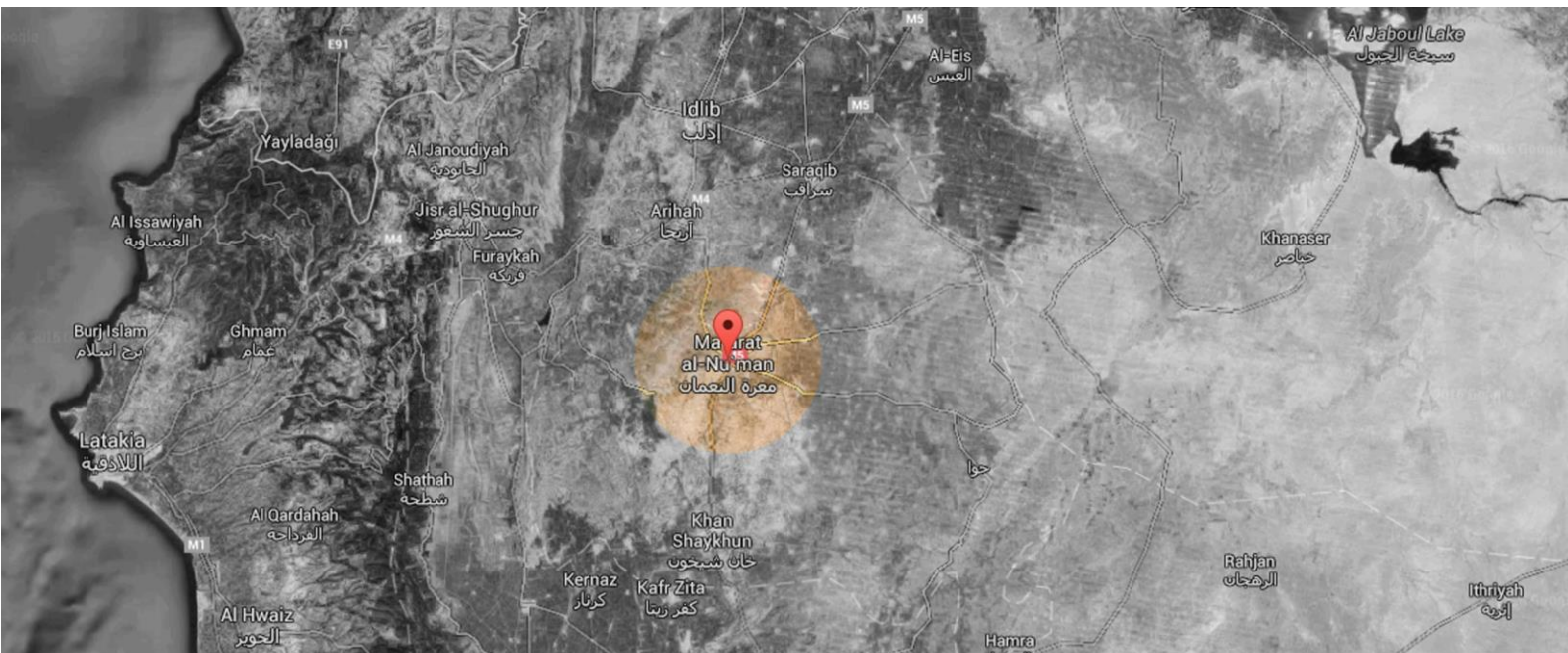


The Day After Heritage Protection Initiative

Development and Education Project

Photogrammetry Workshop Report

Idlib March 2020



Name of Workshop: Teaching Photogrammetry

Location: Center for Syrian Cultural Heritage Protection in Idlib, Idlib Governorate

Implementing Agency: Center for Syrian Cultural Heritage Protection, The Day After-Heritage Protection Initiative

Sponsor: Institute for Digital Archaeology

Start Date: 12/3/2020

End Date: 15/3/2020

Workshop Duration: 4 days only

The Workshop Agenda

First day:

- Induction- an explanation of the history of photography
- An explanation of the functions of the camera
- An explanation of camera menus

Second day:

- A demonstration of how the camera works and its functions
- An interactive demonstration
- An explanation of MF, AM mode
- An overview of the importance of documenting antiquities

Third day:

- A general review of the importance of antiquities documentation
- How to document archaeological sites and damage to them
- How to create a photogrammetry scan for a site or building using 3D and 2D cameras
- A brief explanation of the visualization process and its application to image merging programs

Fourth day:

- A general review of topics covered over the past three days and practical training
- A practical activity of creating a three-dimensional scan for an object

Day 1

There were 20 participants in this workshop and included children from the local community as well as displaced members from the town of Al-Bara. In order to prepare for the workshop, the participants were assessed on their previous knowledge of three-dimensional photography. The initial average score of the questionnaire was 62%.

Attendance Sheet

NO	Name	First day	Second day	Third day	Fourth day
1	Maha Matoon	a	a	a	a
2	Sham Kanoun	a	a	a	a
3	Nour Selo	a	a	a	a
4	Hammam Miri	a	a	a	a
5	Abdul Rahman Kanoun	a	a	a	a
6	Fouad Ghossum	a	a	a	a
7	Abdel-Qader Shoaib	a	a	a	a
8	Muhammad Deeb Al-Khidr	a	a	a	a
9	Nabih Al-Omar	a	a	a	a
10	Ahmed Jalqa	a	a	a	a
11	Mustafa Adoum	a	a	a	a
12	Ahmed Al-Omar	a	a	a	a
13	Ahmed Kerdouche	a	a	a	a
14	Ahmed Hazem	a	a	a	a
15	Youmna Afara	a	a	a	a
16	Mohamed Selo	a	a	a	a
17	Adel Miri	a	a	a	a
18	Hamid Darkoush	a	a	a	a
19	Ghaith Adoum	a	a	a	a
20	Raghad Al-Hosr	a	a	a	a





Day 2

The general mechanisms of the camera were demonstrated for the students, putting particular emphasis on MF and AM modes.



Day 3

In order to explain the significance of damaged archaeological sites, the trainers also reviewed the importance of archaeological documentation. The aim of this exercise was to document any damage dealt to the site, historical buildings, and/or artifacts.



Here the students are seen carrying out practical training







Day 4

After completing the theoretical and technical training, the workshop participants were reassessed on their knowledge and understanding of three-dimensional photography. The results of the final questionnaire yielded an average of 91%.

The students were then taken to a location containing buildings where the students received practical training on the following: three-dimensional imaging, structure selection, the method of rotation, and the distances of the overlap.





Conclusion:

Through this workshop, 20 children were enriched in the theoretical and practical field experience of three-dimensional imaging. They were introduced to:

- Three-dimensional imaging methods and the basic principles of imaging
- The collection of images
- How two-dimensional imaging can be used to obtain a three-dimensional holographic

Suggestions were received from the children, most of which requested to repeat the workshop for a longer period of time. Their parents additionally proposed that the workshop be offered for older participants.

Team members:

Abdul Rahman Al Yahya - Naif Al Qaddour - Ahmad Al Anan - Muhammad Al Battal - Akram Al Qassoum - Firas Al Yahya - Fatoum Shaheen

Reported by:

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