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Call for Participants: 3D Documentation

1. Background information:

- **Inviting organization:**

The **Association for the Protection of Jabal Moussa (APJM)**, hereinafter referred to as APJM, a not for-profit, non-governmental organization, founded in 2007 with the mission to conserve Jabal Moussa UNESCO Biosphere Reserve and achieve the sustainable socio-economic development of its surrounding villages.

Website: www.jabalmoussa.org Email: info@jabalmoussa.org Address: Jounieh, Lebanon

APJM is participating in the implementation of “The Community Heritage Exchange Initiative, CHEI”, funded by the Ambassador Fund for Cultural Preservation (AFCP), Project name: The Hinterland Archaeological Heritage in Jabal Moussa.

- **Project background and financing:**

CyArk is partnering with StoryCenter for the implementation of the Community Heritage Exchange Initiative (CHEI), which will focus on documenting and sharing the stories of cultural heritage sites. The goal of this program is to support the exchange of community-centered stories that highlight the value and impact of the Ambassadors Fund for Cultural Preservation (AFCP) in its efforts to preserve and protect cultural heritage.

The (Project) Hinterland Archaeological Heritage in Jabal Moussa, funded by the AFCP is designed to make some of the heritage that has been preserved by AFCP virtually accessible to the public while also supporting local communities.

Site managers, students and local community members will receive training in 3D documentation and digital storytelling to digitally map parts of the Jabal Moussa Biosphere Reserve (Site). 3D data will serve as inventory and the basis for interactive experiences. The experience will take the form of a guided web tour, which will be complemented by multimedia and interviews with experts, site guides and community members.

Participating partners will learn new skills through virtual instruction workshops and will contribute to the resulting 3D guided tour, an exciting and innovative way to explore cultural heritage and highlight local voices and stories most important to the partners.



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- **Subject of the call:**

The Association for the Protection of Jabal Moussa is seeking participants interested in the 3D Documentation workshop.

Partaking in this workshop enables participants to discover the potential of the latest digital capture technologies and concepts to facilitate the documentation of cultural heritage sites. CyArk's 3D Documentation Workshops engage participants directly by familiarizing trainees with fundamental concepts and tools of the trade. Data captured during workshops will ultimately assist in the production of precise 3D models, which can be used as a comprehensive digital record for conservation and as the basis of immersive 3D experiences for the public. In addition, skills cultivated through the training will foster an absolute knowledge base applicable to potential future projects.

The workshop will take place over the course of one calendar week. It will involve a combination of real-time lectures via video conference, hands-on data capture completed locally in the participant's region, and valuable project-oriented feedback and guidance from the lead instructor. Further, participants receive a copy of the presentations provided during the workshop and various other relevant documentation and processing tutorials to foster additional learning.

At the end of the workshop, the attendees will receive a certificate of participation.

2. Terms of Reference:

Trainee time commitment

- 3 Training sessions will be conducted over one week to permit flexibility. Training sessions will run around 3 hours each, totaling approximately 9 hours.
Ref.: Timetable below.
- Trainees will organize, maintain, and share data from in-class exercises and in-field data capture.
- Trainees must keep in direct contact with the lead instructor, keeping them apprised of any questions, issues and challenges, or changes to the anticipated schedule.
- Total estimated hours: 40+ hours

Language of the Workshop:

- Training sessions will be held in English.

3. Requested profile:

- Very knowledgeable about the site, its history and stories.



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- Background in architecture, preservation, archaeology, engineering/survey, graphic arts, history, education, audiovisual development, or related fields.
- Familiarity with digital photography and/or reality capture software
- Familiarity with concepts such as exposure and depth of field, and composition is beneficial.
- Experience with software such as Agisoft Metashape, RealityCapture, Capture One, AutoCAD, and Autodesk Maya, is beneficial but not required.

4. Application instructions:

Interested Participants are requested to submit the registration form below along with a resume or portfolio, highlighting relevant profile

[Registration form](#)

Additional information will be sent to selected participants.

Deadline to apply: 10 September 2022.

Annex: Workshop schedule

The workshop will be held in **September**. The exact dates will be shared at a later stage.

Day	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
Hours	4:00 PM - 7:00 PM (EEST)	4:00 PM - 8:00 PM (EEST)	4:00 PM - 7:00 PM (EEST)	9:00 AM - 5:00 PM (EEST)	9:00 AM - 5:00 PM (EEST)	9:00 AM - 5:00 PM (EEST)	9:00 AM - 5:00 PM (EEST)
Activity	Virtual Workshop Session 1	Virtual Workshop Session 2	Virtual Workshop Session 3	Field Work & Data Capture	Field Work & Data Capture	Field Work & Data Capture	Field Work & Data Capture
Format	Google Meet	Google Meet	Google Meet	On Site	On Site	On Site	On Site
Content	Intro to CyArk Fundamentals of Photography Equipment Overview Photography Exercise	Review Photography Exercise Intro to Photogrammetry Data Management Photogrammetry Exercise	Review of Photogrammetry Exercise Photogrammetry Project Planning	Feedback for Previous Day's Work. Data Capture on Site* Data Upload for Review *Questions addressed as-needed	Feedback for Previous Day's Work. Data Capture on Site* Data Upload for Review *Questions addressed as-needed	Feedback for Previous Day's Work. Data Capture on Site* Data Upload for Review *Questions addressed as-needed	Feedback for Previous Day's Work. Data Capture on Site* Data Upload for Review *Questions addressed as-needed