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منظمة الأمم المتحدة
للتربية والعلم والثقافة

المركز الإقليمي العربي
للتراث العالمي
تحت رعاية اليونسكو

Call for Applications

CAPACITY BUILDING WORKSHOP ON GEOPHYSICS ANALYSIS IN CONSERVATION FOR THE ARAB STATES

Manama, the Kingdom of Bahrain
10-14 October 2021
In presentia

World Monuments Fund (WMF) through **ILUCIDARE program** (www.ilucidare.eu), and the **Arab Regional Centre for World Heritage (ARC-WH)** have the pleasure to announce the call for applications to a capacity building workshop for the Arab States on Geophysics Analysis in Conservation, which will take place in Bahrain from 10 to 14 October 2021.

OBJECTIVES, EXPECTED OUTCOMES AND METHODOLOGY

The proposed capacity building aims to promote a thorough and multidisciplinary approach to restoration works, introducing geophysical studies as a valid tool for analysis. The workshop targets participants with diverse professional backgrounds, such as site managers, surveyors, and conservation professionals. The workshop will therefore relate to ILUCIDARE's interest in innovation and international relations. It will count on the full support of the EU delegation in the region, and it will be publicized through the national focal points of World Heritage in the Arab Region.

Expected outcomes of the workshop are:

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ILUCIDARE



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- An update of the geomatics methods used to document historical places will be provided, including GNSS, surveying, 3D Terrestrial laser scanning, photogrammetry, multispectral and Hyperspectral remote sensing.
- The relevance and use of new non-invasive technologies such as geophysical survey are understood by the participants.
- Participants will be able to understand and use the introduced survey methods at their own site/work.
- Innovation and the use of various applications in heritage conservation are integrated in the understanding of heritage-led sustainable development.

The participants will be familiarized with the main geophysical techniques applied to the study of cultural built heritage, such as:

- Ground penetrating radar,
- Electrical methods (electric resistivity tomography and self-potential),
- Magnetic prospection,
- Microgravimetry,
- Geomatics techniques for accurate georeferencing of data.

The workshop will be held in Bahrain and will consist of lecture format presentations, on-site work and multidisciplinary teamwork.

Instructors: The workshop will be primarily carried out by:

- Dr. Mounir Bouchenaki, Advisor to the Chairperson of the Governing Board (ARC-WH).
- Prof. Francisco Garcia, Professor of the Department of Cartographic Engineering, Geodesy and Photogrammetry, Universitat Politècnica de València. Prof. Jose Delgado Rodrigues, Geologist, Laboratório Nacional de Engenharia Civil (ret.).
- Dr. Pierre Lombard, Head of French Archaeological Mission in Bahrain, French National Centre for Scientific Research and Advisor for Archaeology, Bahrain Authority for Culture and Antiquities.
- Dr. Vicente Bayarri, Senior Geomatics Engineer, a specialist in geophysics applications, GIM Geomatics.
- Pablo Longoria, Architect, Specialist in Heritage Conservation and Director of World Monuments Fund Spain.

Language of the workshop: English with simultaneous Arabic translation.

APPLICATIONS

Candidates who wish to apply for participation in the 'Capacity Building Workshop for the Arab States on Geophysics Analysis in Conservation' should send their **CV** and a **letter of**



motivation demonstrating the desired learnings from this workshop for the benefit of their on-site work and profession in their home institution.

Email address: info@arcwh.org

Language of application documents: English

Please submit the required documents as attachments to the email, the subject of which should mention the title of the workshop. Please make sure the attachments are below 20MB.

The deadline for applications is 15 September 2021.

Incomplete applications will not be considered.

ELIGIBILITY CRITERIA AND SELECTION PROCESS

This workshop is open to participants residing in the following countries: **Algeria, Bahrain, Egypt, Iraq, Jordan, Kuwait, Lebanon, Libya, Mauritania, Morocco, Oman, Palestine, Qatar, Saudi Arabia, Sudan, Syrian Arab Republic, Tunisia, United Arab Emirates and Yemen.**

The course is primarily aimed at site managers, heritage surveyors, and conservation professionals with diverse professional backgrounds. The applicant should be attached to a cultural heritage protection and conservation organization, department or university, through which dissemination on local/national level can be assured.

A maximum of 12 participants will be selected for this course. An equal representation of the countries mentioned above will be prioritized.

The applicants will be informed upon completion of the selection process by mid-September 2021.

CONDITIONS

Participants are expected to be actively engaged and take part in all aspects of the workshop.

Return flight tickets to Bahrain, half board accommodation, lunch meals, and local transportation will be provided by the organizers. The organizers will also facilitate the visas of the participants.

Please note that the participants are responsible for complying with the sanitary regulations of the Kingdom of Bahrain. You are kindly invited to check the requirements and follow the updates on <https://healthalert.gov.bh/en/> and <https://www.bahrainairport.bh/covid-19-travel-information>.



ORGANIZERS

Capacity Building Workshop for the Arab States on Geophysics Analysis in Conservation is organized by World Monuments Fund and the Arab Regional Centre for World Heritage.

In case of any inquiries, please do not hesitate to contact info@arcwh.org.