




Cultural Heritage Identity Card


Center for Documentation of Cultural and Natural Heritage  
(CULTNAT)  
Egypt

Bibliotheca Alexandrina



**CULTNAT**  
Center for Documentation  
of Cultural and Natural Heritage

Advisory Committee Member  
Hind Mostafa



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**CULTNAT... establishment and mission**

Center for Documentation of Cultural and Natural Heritage  
Founded in January 2000  
Under the auspices of the Egyptian Ministry of  
Communication and Information Technology

Part of its e-heritage programme

Affiliated to Bibliotheca Alexandrina since February 2003  
Maintained the support of MCIT



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## CULTNAT... board of directors

- Representative of the Ministry of Communication and Information Technology
- Representative of the Ministry of Culture
- Representative of the Ministry of Environment




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## CULTNAT... establishment and mission

- to carry out the documentation of Egyptian heritage both cultural and natural
- ongoing documentation programs
  - The archeological map of Egypt
  - The architectural and urban heritage of Egypt
  - Egyptian cartographic heritage
  - Egyptian folklore
  - Egyptian arts and music
  - The photographic memory of Egypt
  - Islamic scientific manuscripts
  - The natural heritage of Egypt...
- using the latest information technology in doing so
- cooperating with local and international organizations
- to raise public awareness towards that heritage




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## Raising public awareness...

Dissemination channels  
[www.culnat.org](http://www.culnat.org)

**CULTNAT's website diffuses information on:**  
documentation programmes achievements, activities, events, awards...

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## Raising public awareness...

[www.eternalegypt.org](http://www.eternalegypt.org) provides e-content on:

- Egyptian civilization, culture and heritage
- Pharaonic, Graeco - Roman, Coptic and Islamic periods in three languages (additional two languages)
- innovative technologies

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## Eternal Egypt... [www.eternaegypt.org](http://www.eternaegypt.org)

- Technologies
- Digital guide
- Text-to-speech
- 3D scanning
- Web cameras
- Mobile information
- Panoramic views
- Virtual tours
- Animations
- 3000\*4000 pix images

**Eternal Egypt**

Welcome to Eternal Egypt, which brings to light over five thousand years of Egyptian civilization. Eternal Egypt is a vast record of a land rich in art and history, people and places, myths and religions. The stories of Eternal Egypt are told using the latest interactive technologies: high-resolution imagery, animations, virtual environments, remote cameras, cross-dimensional models and more.

There are many ways to begin your journey through Eternal Egypt. The guided tour is a quick way to experience the best that the site has to offer. You can also begin viewing all the cultural highlights online, or make your own discoveries using one of the many other ways to explore.

**Highlights**

- Best Head of Tutankhamun
- Water-Jar Filter Discovered with Tutank
- The Tomb of Tutankhamun
- Limestone Faience

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You can use the Digital Guide to take a tour of the Egyptian Museum, explore the museum using the Guide to learn more about the objects you see.

**The Seated Scribe**

Many great tomb owners had themselves depicted as scribes, reading or writing. This scribe is wearing a short flared wig and short white kilt held in place by a sash.

Continue to the next object as indicated below:

**The Seated Scribe**

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[www.culturalat.org](http://www.culturalat.org)  
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## Eternal Egypt... [www.eternaegypt.org](http://www.eternaegypt.org)

Awards

- Arab e-Content Award
- Best e-Content in e-Culture, WSA, Sharjah, 2005
- Best e-Content
- World Summit Award, WSIS, Tunis, 2005
- Best Innovative or Experimental Application
- 9th International Conference for Culture and Heritage, Vancouver, 2005

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## Raising public awareness...

[www.globalegyptianmuseum.org](http://www.globalegyptianmuseum.org)  
provides e-content on:

- the Egyptian collections in 10 museums
- 6600 objects documented-photographed
- the Multilingual Egyptological Thesaurus
- in seven languages
- hyperlinked glossary of over 400 entries




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## CULTNAT... [www.globalegyptianmuseum.org](http://www.globalegyptianmuseum.org)



The Global Egyptian Museum

At a rough estimate, over 2 million objects from ancient Egypt are kept in about 850 public collections, dispersed over 60 countries around the world. This website aims to collect them into a global virtual museum which can be visited at any time, from any place. The Global Egyptian Museum is a long-term project, carried out under the aegis of the International Committee for Egyptology (CIEPE).

The Basic Mode, currently showcasing 1185 highlights, is geared to the interested public. A [glossary](#) of more than 400 items explains Egyptian terms and themes. Many objects are provided with [audio](#), [comments](#) and [3D images](#).

The [Advanced Mode](#), equipped with a powerful full search and data entry engine, covers up the full database - presently 10772 objects - to professionals and amateurs.

[Kids](#) offers information for children at the age of 8-12 years in an interactive way.


GEM  
Supported by CIEPE  
Committee of the International Council of  
Museum (ICOM) IMEG-09





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## Raising public awareness... CULTURAMA



**CULTURAMA** is the world's first interactive 9-screen interactive multimedia projection, patent pending



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## Raising public awareness...publications



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## Raising public awareness...publications

THE CONTRIBUTIONS OF THE ARAB AND ISLAMIC CIVILIZATIONS TO MEDICAL SCIENCES

المساهمات الحضارية العربية والإسلامية في العلوم الطبية

المتحف اليوناني الروماني الإسكندرية

دليل النباتات في مصر القديمة  
Guide botanique de l'Égypte ancienne

TREASURES of King TUTANKHAMUN

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## Raising public awareness...exhibitions

Micro-Gallery booths  
Folklorama  
Star Riders  
Monthly renewed exhibitions

ARCHITECTURAL HERITAGE

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## Raising public awareness...visits

individuals  
groups  
school classes



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## Raising public awareness...events

Quality of Cultural Websites, April 2006

Towards digitizing Arab Memory: A framework for cooperation, November 2005


Arab Experts Meeting on the Role of DBMS in Preserving Arab Folklore, November 2005

Development of World Heritage Information Management Capacity in the Arab States, March 2004

Virtual Conference on Cultural Heritage, September 2002





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## Cooperation with...

|              |   |  |
|--------------|---|--|
| governmental | } | <ul style="list-style-type: none"> <li>The Supreme Council of Antiquities</li> <li>The National Library "Dar Al-Kutub"</li> <li>The National Archives "Dar Al-Watha'eq"</li> <li>Egypt Post</li> <li>Al-Azhar Library</li> <li>Cairo University, Faculty of Engineering</li> <li>General Organization for Physical Planning</li> </ul> |
| public       | } | <ul style="list-style-type: none"> <li>Cairo Governorate</li> <li>Luxor City Council</li> <li>Heliopolis Company</li> <li>Banque Misr</li> </ul>   |
| private      | } | <ul style="list-style-type: none"> <li>The Geographic Society</li> </ul>   |

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## Cooperation with...

|               |   |  |
|---------------|---|--|
| international | } | <ul style="list-style-type: none"> <li>European Commission</li> <li>UNESCO</li> <li>UNDP</li> <li>IBM corporation</li> <li>Center for Computer-Aided Egyptological Research, CCER, Netherlands</li> <li>Institute Mohamed Ali for the Research of the Eastern Tradition, IMARET, Greece</li> </ul> |
| regional      | } | <ul style="list-style-type: none"> <li>Hashemite Heritage Center, Jordan</li> <li>ALESCO</li> <li>Al-Warraq, UAE</li> </ul>  |




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## Projects financed by European Commission

international

- Patrimoines partagés
- SID-LIM, defense systems in the Mediterranean
- SHADUF, traditional water systems
- Unimed Cultural Heritage
- Strabon
- InfrArtSonic
- NOESIS
- MedCult




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## Capacity building...

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- capacity building of institutions and personnel
- know-how transfer
- experts meetings and round table discussions



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## Using the latest IT...

- DBMS
- Multimedia
- GIS Applications
- GPS
- Digital Photography
- High Resolution Scanning
- Photogrammetry
- 3D Laser Scanning
- 3D Modeling
- Virtual Reality

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## Documentation programs... leading work

|                                  |  |
|----------------------------------|--|
| Archeological map of Egypt       | First complete inventory of Egyptian archeological sites GIS |
| Architectural and urban heritage | 3 D modeling and virtual reality for tombs and pyramids      |
| Cartographic heritage            | Architectural survey methodology                             |
| Egyptian folklore                | Innovative GIS applications                                  |
| Arts and music                   | Comprehensive information sheet for cartographic material    |
| Photographic memory              | Thesaurus and database of folkloric terms                    |
| Islamic scientific manuscripts   | Complete works of the pioneers of Arabic music               |
| Natural heritage of Egypt        | Scanning, imaging and meta-data standards                    |
|                                  | Contribution of Arab and Islamic civilization to sciences    |
|                                  | Multimedia simulation for the use of astrolabes...           |
|                                  | First GIS for Egyptian flora and fauna, geo-morphology       |

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## Documentation programs... overlays

Archeological map of Egypt

Architectural and urban heritage

Cartographic heritage

Egyptian folklore

Arts and music

Photographic memory

Islamic scientific manuscripts

Natural heritage of Egypt

The Archeological sites

The Natural Heritage

The Photographic Heritage

The Folkloric Heritage

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## CULTNAT... Fulfilling national policies

- The establishment of a register on Egyptian heritage
- The inter-ministerial cooperation to accomplish the center's mission
- The advisory role and assistance to local institutions
- The capacity building of personnel and organizations
- The cooperation with regional and international institutions

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