

INDICAT

International Network
for Digital Cultural
Heritage e-Infrastructure



Republic of TURKEY

Ministry of Culture and Tourism

General Directorate of Libraries and Publications

Erhan ERKAN
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OUTLINE



- The Turkish Team
- Ministry and Cultural Heritage Projects
- The General Directorate
- Long Term Preservation Workshop
- Digitization of the Manuscripts in Turkey



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The Team



- Prof. Dr. Onur Bilge KULA - General Director
- Erhan ERKAN - Head of The Department
- Hakan Koray OZLUK - Expert
- Bahadır AYDINONAT - Deputy Expert



Ministry of Culture and Tourism



Main Mission

Researching, developing, maintaining, preventing, utilizing, disseminating, promoting, and adopting national, immovable, historical, cultural and touristic assets and thus contributing to strengthening national unity and economic development.



Cultural Heritage Projects



- European Heritage Network
- Turkish Cultural Heritage Project
- Digitizing Manuscripts Project
- Voice Library
- E-Book Project
- Virtual Museums Project
- Turkish Culture Portal
- GOTURKEY Tourism Portal
- Indicate Project



General Directorate of Libraries and Publications



- Mission: Transferring cultural assets to future generations, widespread accessing of information, compiling, preserving and serving cultural heritage to the society.
- All public libraries (1118) are connected, and 14 manuscripts library were connected until 2011.
- Foreign Affairs Directorate is responsible for the international projects like INDICATE



Long Term Preservation Workshop



- Long Term Preservation deliverable is one of case studies of the indicate project which aims to analyze the digitization and the preservation processes in the EU and Mediterranean region.
- The workshop was held in Ankara Turkey at 7-8 July 2011.
- The scope of the workshop was to present the best practice examples of digital preservation, to discuss how e-Infrastructures can be used to solve digital preservation problems, to analyze the resources which e-Infrastructures offer, and how they can be deployed to deal with digital preservation. Workshop is targeted to the specialists, librarians, personnel specially working on digitization and preservation of heritage.



Preservation Survey-1



- A Survey was prepared to review preservation experiences in various countries for this deliverable. The parts of survey are: Introduction, policies and strategies, technical information, standards, back-up and conclusion.
- The survey analyzes how a preservation system is built, maintained and sustained. It includes the structure of the system, preservation methods, the standards, the tools, the software used, etc.



Preservation Survey-2



- According to the survey results generally, EU Countries are more experienced than Mediterranean Countries. The digital preservation works in EU Countries are comprehensive and systematic.
- EU countries whip into line their preservation processes by setting up rules for what to preserve, how to preserve and where to preserve. Issues witnessed in Mediterranean Countries are the lack of common policies and strategies, the lack of e-infrastructure usage, lack of setting common rules for copyrighted material, accession, sustainability, storage, back-up and data integrity and standards.
- Detailed information can be found at INDICATE web site.



Digitization of the Manuscripts in Turkey



- As primal sources of science and arts, manuscripts are one of the most important assets of cultural heritage. Main subjects of manuscripts are history, religion, literature, linguistics, geography, science, etc.
- Manuscripts in Turkey reveals a history nearly 900 years and they can be found at Libraries and Museums, universities etc.
- Manuscripts which belong to the Seljuk and Ottoman Empires Era, have different linguistic characteristics that cover inner Asia, Middle Europe, North Africa and Arabian Peninsula.



- Turkey has approximately 300.000 volume manuscripts. This number is estimated as about 600.000 unique manuscripts, because some volumes has more than one manuscript.
 - Presidency of Manuscripts : 170.000 volume
 - National Library: 25.000 volume
 - Museums: 30.000 volume
 - Archives, mosques, foundations and other institutions like Presidency of Religious Affairs and private collections: 75.000 volume



First Steps of Digitization Works



- Manuscripts are fragile objects that need to be preserved in appropriate circumstances.
- At the end of 1990's first digitization processes of manuscripts started in Ankara University in Turkey .
- One of the manuscripts library of the Ministry is the Istanbul Suleymaniye Manuscripts Library, which is the first institution in the Ministry that started to digitize their manuscripts collection in 2001.



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Necessary hardware and software equipments were provided.

Technical features:

Database: ORACLE

Scanning :180 DPI

File Type: Jpeg

Size: 300 kb

Digitization type: Photographing. Scanning

Storage: Cd- Tape Back-up



- All hardware and software equipments were upgraded. Professional digitizing systems were used.
- Web access for the end-user was provided.

<http://www.yazmalar.gov.tr/>

Technical features:

Scanning :300 DPI

File Type: Tiff, jpeg

Size: 600 kb

Digitization type: Professional
digitizing devices



2005-2010



- Digitizing works of more than 100.000 manuscripts had been finalized
- Re-digitize applied to the necessary files after quality control. (Around 100.000 pose)
- Watermarking of the digitized Manuscripts was completed.
- After 2005 Filemaker system used instead of ORACLE.



Storage-Back-up



- 16 TB capacity
- Daily, Twice a Week back-ups
- Different Back-up Locations
- 3 regular, 1 server incremental back-ups and 1 DVD



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The Server and the Backup Unit



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- Presidency of Manuscripts established under the Ministry of Culture and Tourism to manage the scattered works (about management and preservation) in 2011. (www.yek.gov.tr)
- All related libraries, collections gathered.
- System (www.yazmalar.gov.tr) now includes 208.000 volume manuscripts.
- The system requires membership. In order to download the manuscripts, user must pay the download fee.





Username

Password

For registration [click here.](#)



General Information

Archive Number	06 MÜ VZ A 67 19
Title	Harîrî-i Karam
Author	
Scriber	
Subject	İslâm Dini-Kuran ve Kur'an İlişkileri
Language	Arabic
Date of Origin Hegira [Christian era]	0 (0)
Date of Deduction Hegira [Christian era]	0 (0)
Place of Publication	
Location	Millî Kütüphane-Ankara
Collection	Millî Kütüphane Yazmalar Kütüphanesi
Dv# number	414

Description

Dimensions	210x115-152x90 mm.
Pages	287
Line/page	15
Script Type	Harikali Hâşih
Type of Paper	Suyolu çapa Rûgrahî

Notes

Serleha validli basm müzahhap, cemel ve deracaklar validli, sure bağlan tarıncu mürekkeppli, cüz gülleri deđişik meşhürler. Sonradan lâcivert pandızot bez kaplı mukavve bir cilt iğnesine konmuştur. Hâşim düştürüs şemünde 1010 (1601-2) kaydı vardır. Peline Kıratođlu olan zahir şihomıştır. b) Eskiik: Harâzîler, Cüz' ve Şür'eler.

[View history](#)

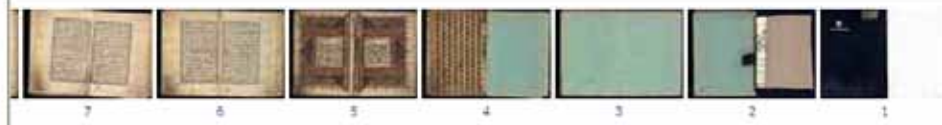
Start Sentence

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ

End Sentence

... من الجنة والناس

Thumbnails of manuscript-Download Images





THANK YOU...
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