

More features

Multi-collection search

Multi-lingual

The Global Memory Net Collection

An integrated world digital image library and gateway seamlessly links desired image to all relevant multimedia resources ~ audio, video, text, bibliographical sources, Internet resources, etc. Currently there are over 30 collections with over 15,000 images in GMNet, and the number is glowing fast. In addition, over 2400 digital image collections from over 80 countries can also be instantly searched and accessed.

National Science Foundation International Digital Library Project



Global Memory Net

Your World Digital Library and Gateway to Culture and Heritage

Geographical access

Search collections by Country

- North America:** Canada • Mexico • United States
- Caribbean:** Antigua and Barbuda • Aruba • Bahamas • Barbados • Cuba • Dominica • Grenada • Haiti • Jamaica • Martinique • Saint Kitts and Nevis • Saint Lucia • Saint Vincent and the Grenadines • Trinidad and Tobago
- Central America:** Belize • Costa Rica • El Salvador • Guatemala • Honduras • Nicaragua • Panama
- South America:** Argentina • Bolivia • Brazil • Chile • Colombia • Ecuador • Peru • Uruguay • Venezuela
- Europe:** Albania • Andorra • Armenia • Austria • Azerbaijan • Belarus • Belgium • Bulgaria • Croatia • Cyprus • Czech Republic • Denmark • Estonia • Finland • France • Germany • Greece • Greenland • Guernsey • Hungary • Iceland • Ireland • Italy • Latvia • Lithuania • Luxembourg • Malta • Moldova • Monaco • Netherlands • Poland • Portugal • Romania • Russia • Serbia and Montenegro • Slovakia • Slovenia • Spain • Sweden • Switzerland • Taiwan • Thailand • Turkey • Turkmenistan • Uzbekistan
- Asia:** Afghanistan • Bangladesh • Bhutan • Brunei • Cambodia • China • Hong Kong • India • Indonesia • Japan • Kazakhstan • Kyrgyzstan • Laos • Malaysia • Maldives • Mongolia • Myanmar • Nepal • New Zealand • North Korea • Pakistan • Papua New Guinea • Philippines • Singapore • South Korea • Sri Lanka • Taiwan • Thailand • Timor-Leste • Vietnam • West Bank and Gaza • Yemen
- Oceania:** Australia • Cook Islands • Federated States of Micronesia • Fiji • French Polynesia • Kiribati • Marshall Islands • Micronesia • Nauru • New Caledonia • Niue • Norfolk Island • Palau • Republic of the Marshall Islands • Samoa • Tokelau • Tonga • Tuvalu • Vanuatu
- Middle East:** Bahrain • Iraq • Israel • Jordan • Kuwait • Lebanon • Oman • Qatar • Saudi Arabia • Syria • United Arab Emirates • Yemen
- Africa:** Algeria • Angola • Benin • Botswana • Burkina Faso • Burundi • Chad • Comoros • Congo • Congo-Brazzaville • Democratic Republic of the Congo • DRC • Eritrea • Ethiopia • Gabon • Gambia • Ghana • Guinea • Guinea-Bissau • Madagascar • Malawi • Mali • Mauritania • Mauritius • Mozambique • Namibia • Niger • Nigeria • Rwanda • Senegal • Seychelles • Sierra Leone • Somalia • South Africa • Swaziland • Tanzania • Togo • Tunisia • Uganda • Zambia • Zimbabwe

The world's resources are here for you.

Ching-chih Chen, Professor of the Graduate School of Library and Information science, Simmons College, has advocated the concept of world digital library since 1993. The US NSF/IDL supported Global Memory Net (GMNet) is her version of such a global digital library.

For more information on GMNet, visit the site at <http://www.memorynet.org>
For information on how to participate in GMNet and/or to use the i-M-C-S system, contact: Dr. Chen at: gmnet@simmons.edu



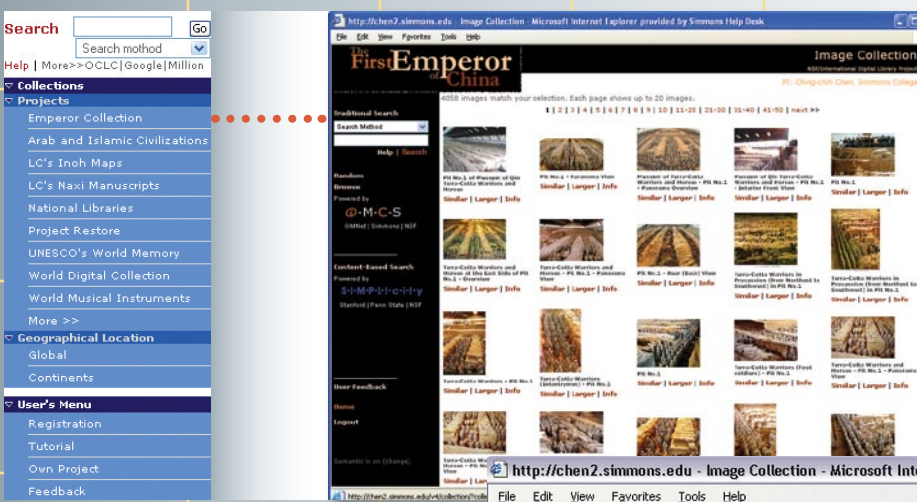
Global Memory Net:

A World Digital Image Library and Gateway

With the exciting convergence of content, technology, and global collaboration in this digital era, there are unprecedented potentials as well as challenges for developing digital libraries of all kinds. In the case of Global Memory Net (www.memorynet.org), it's newly in-house developed interactive Multimedia Content retrieval System (i-M-C-S) has managed to incorporate many innovative functions to meet the challenges of a world digital library.

- **Seamless integration of all types of multimedia resources.**
 - **Instant access to over 30 rich image collections in GMNet as well as over 2400 collections from 80 countries around the world.**
 - **In addition to traditional retrieval by metadata fields, cutting-edge content-based image retrieval (CBIR)* can retrieve images of similar color and shape at an amazing speed.**
 - **"Random" display capability allows one to explore an unfamiliar collection and learn its coverage.**
 - **Chosen image can be easily zoomed, and digital watermark will be generated dynamically to protect the rights of the content-provider.**
 - **Associated descriptive information as well as multimedia files ~ sound, video, and document ~ can be instantly accessed.**
 - **Expanded bibliographical and Internet resources ~ OCLC/WorldCat, Google Scholar, etc. can be utilized at a simple click of the mouse.**
 - **Multi-Collection retrieval enables one to find images of same features globally.**
 - **Multilingual content display and retrieval enhance usability in one's native language.**
 - **Quick geographical access enables one to focus on area studies.**
 - **Users can create their own projects.**
 - **Users can also be content-contributors.**
- *Our CBIR technique uses SIMPLicity developed by James Z. Wang of Penn State University.

Select a collection



1

Easy
Use traditional search by metadata fields when one knows the precise information to search.

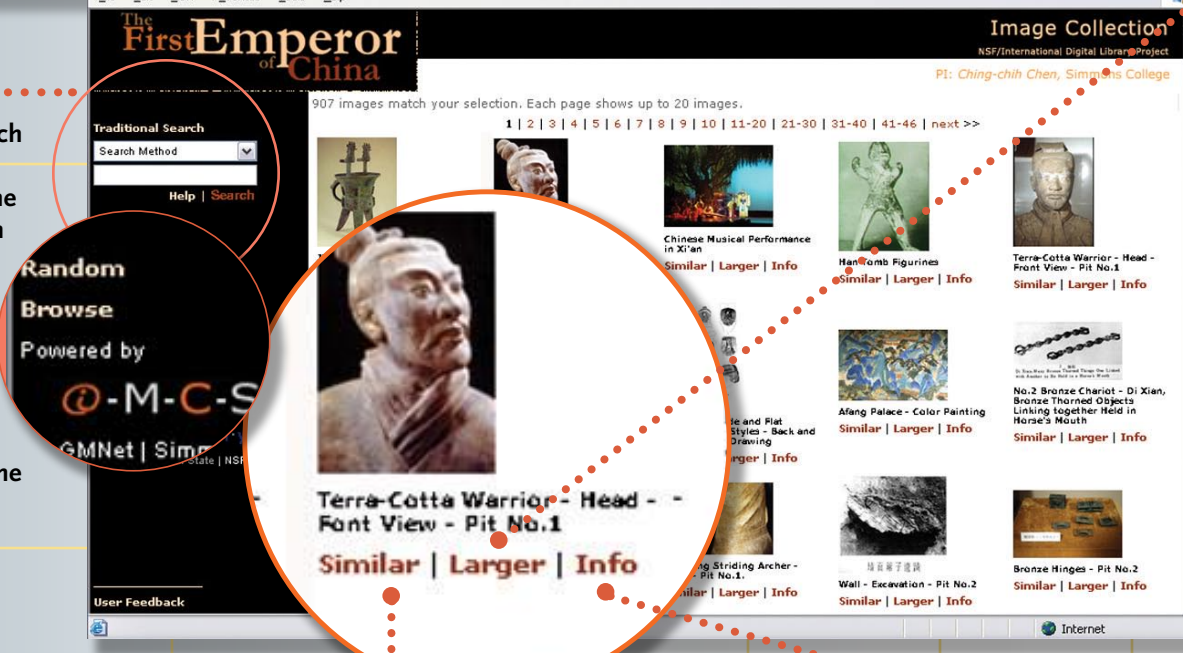
2

Explore
For an unknown collection, one can explore and learn the coverage by using RANDOM feature.

3

Instant Retrieval of Similar Images

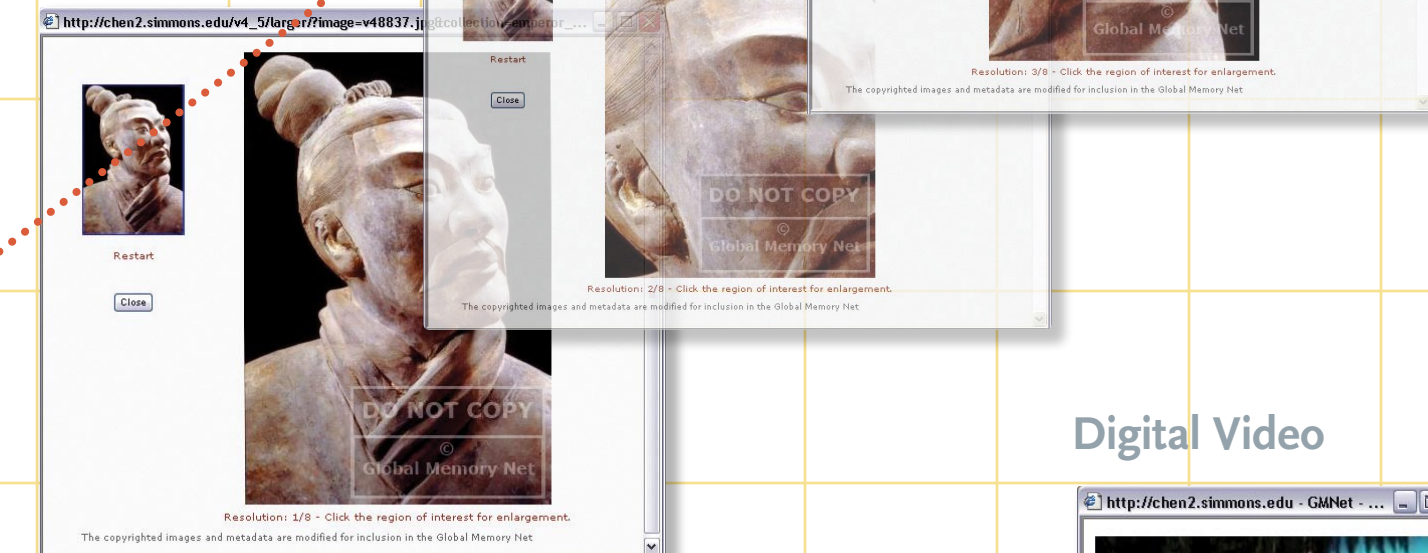
Similar images of the same color and shape can be retrieved instantly using CBIR or of the same term with a simple click.



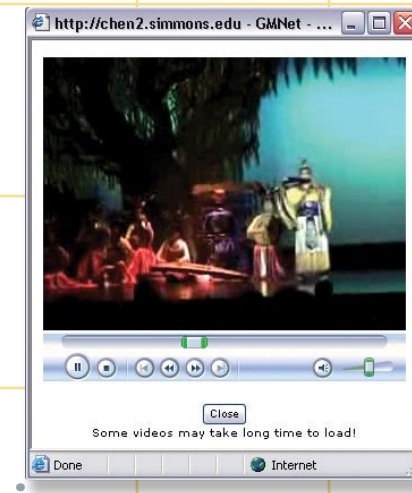
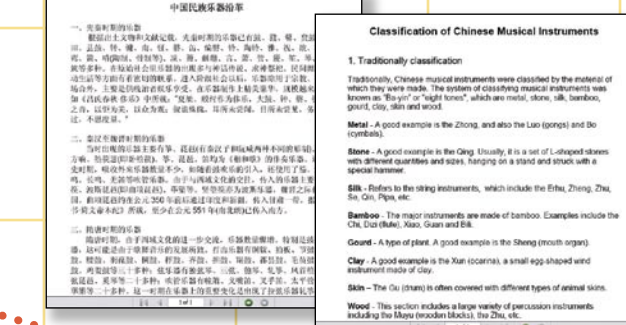
5

Zooming and Dynamic Digital Watermark

Instant magnification of chosen image in defined areas. Note the dynamically generated digital watermark for copyright protection.



Documents in English and Chinese



4

Multi-lingual Descriptive Information and Multimedia Sources

Instant provision of metadata information in available languages. Seamless integration of all types of multimedia sources (see the right examples) as well as instant link to Internet source Webpage(s).



More features on the back of this page.