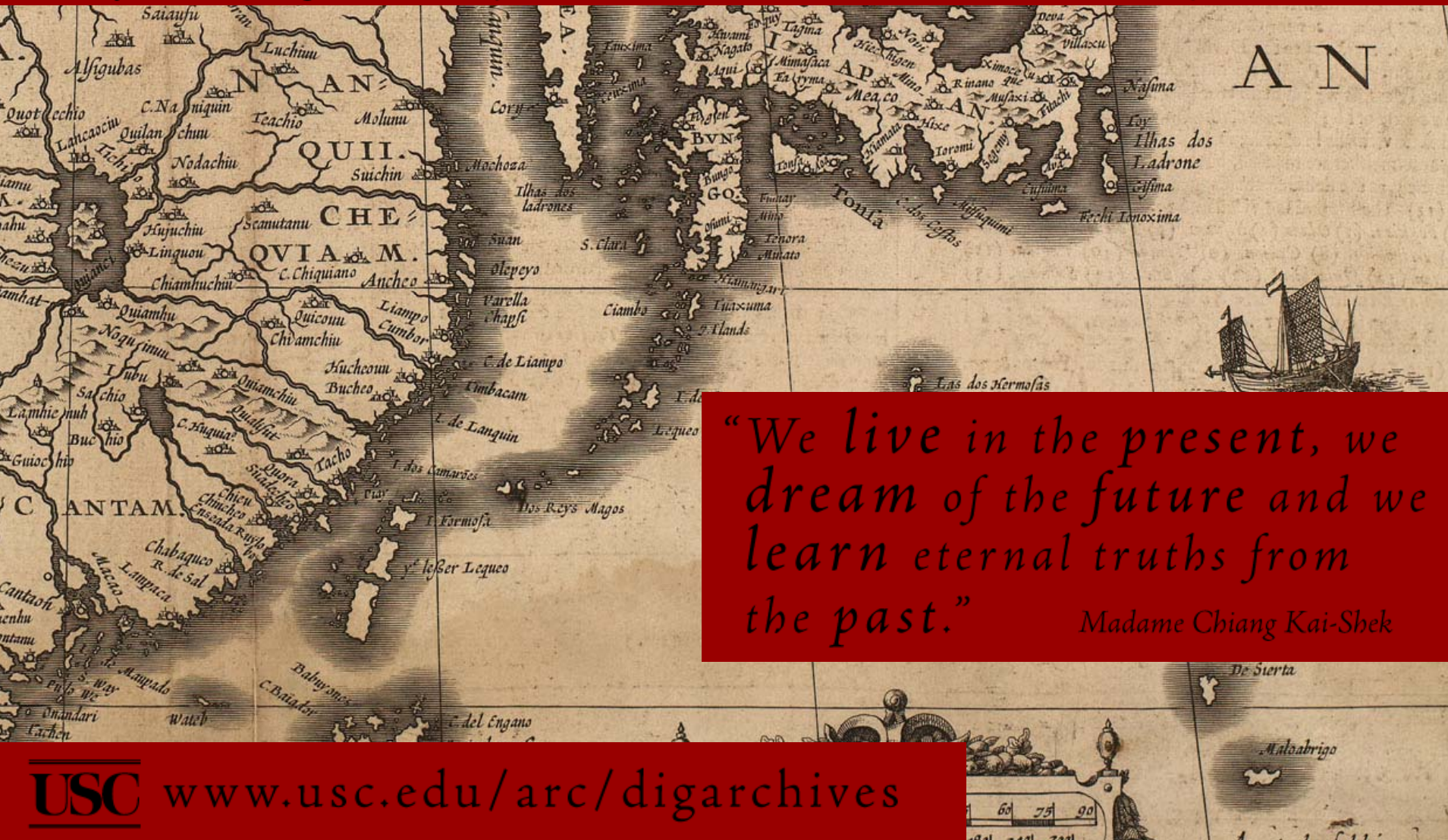


UNIVERSITY OF SOUTHERN CALIFORNIA
DIGITAL ARCHIVE
PAST - PRESENT - FUTURE

Pacific Rim Digital Library Alliance - 17-20 October 2004 - Taipei, Taiwan



“We live in the present, we dream of the future and we learn eternal truths from the past.”
Madame Chiang Kai-Shek

System Overview

- Original impetus
- How we got started
- Present and future
- The geo-spatial interface

Lynn O'Leary-Archer

Demonstration

- The Geo-Browser
- The Gazetteer
- The Clickable Map

Todd Grappone

SYSTEM OVERVIEW

The Original Impetus

- Attention to archival collections
- USC strategic focus on southern California / Pacific Rim
- Inherent geographic focus to content

SYSTEM OVERVIEW

How We Got Started

- Home-grown database, local programming
- High quality digital images
- Modified Dublin Core metadata
- Partnerships with area institutions
- Content expansion

SYSTEM OVERVIEW

Present and Future

- Major Project Funding, 2003-2005
- Migration to Documentum
 - Strong, flexible & expandable content management system
 - 190,000 digital objects and growing
 - Provides foundation for institutional repository
- Today's Geospatial Interface:
remembering our geographic beginnings

SYSTEM OVERVIEW

*The Geospatial Search Interface
or GeoBrowser*

- Recently completed demonstration project
 - Address Geo-coder
 - Gazetteer
 - Clickable map

USC Digital Archive GeoSpatial

GEO BROWSER

USC Digital Archive

Search

Browse

History

Help

Advanced Search GeoBrowser



Search Box Coordinates

Map Layers

Keyword(s) All Words

Date From

Range To

Within

Format

Results Per Page

Address

Zip

General Location

Gazetteer

Feature Types

[Simple Search](#)

USC Digital Archive GeoSpatialBrowser

GAZETTEER

Gazetteer

- Feature Types
 - Arts & Entertainment
 - Automotive
 - Business & Professional Services
 - Clothing & Accessories
 - Community & Government
 - Computers & Electronics
 - Construction & Contractors
 - Education
 - Food & Dining
 - Health & Medicine
 - Home & Garden
 - Industry & Agriculture
 - Legal & Financial
 - Media & Communications
 - Personal Care & Services
 - Real Estate
 - Shopping
 - Sports & Recreation
 - Travel & Transportation

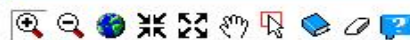
SEARCH **RESET**

- Sports & Recreation
 - Sports & Fitness Instruction
 - Sports & Recreation Facilities
 - Hobbies
 - Water Sports
 - Swimming World -and- Swim Magazine
 - Tyler Surfboards
 - Outdoor Sports & Recreation
 - Sporting Goods Dealers
 - Golf Courses
 - Clubs & Organizations
 - Exercise & Fitness
 - Motor Sports
 - Outdoor Sports & Recreation
 - Sporting Goods
 - Sports & Fitness Instruction
 - Sports & Recreation Facilities
 - Team Sports
 - Water Sports
- Travel & Transportation

USC Digital Archive GeoSpatialBrowser

A CLICKABLE MAP

Advanced Search GeoBrowser



Search Box Coordinates

	Latitude	Longitude
NW	<input type="text" value="null"/>	<input type="text" value="null"/>
SE	<input type="text" value="null"/>	<input type="text" value="null"/>

Map Layers

- Ocean
- County Boundary
- City Boundaries
- Highways
- Major Roads
- Reference Points
- El Segundo Demo
- El Segundo Info

USC Digital Archive GIS Interface

THE INTERFACE

USC Digital Archive

Search

Browse

History

Help

Advanced Search GeoBrowser



El Segundo Library Demo



Search Box Coordinates

Map Layers

Keyword(s) All Words

Date From Jan 1

Range To Dec 31

Within all collections

Format All Formats

Results Per Page 16

Address

Zip

General Location All

Gazetteer

Feature Types


SEARCH

RESET

[Simple Search](#)

USC Digital Archive GeoSpatialBrowser

METADATA

Title Main	In Downtown Los Angeles facing north on South Hill Street between West Fifth Street and West Fourth Street at the entrance to the Hotel Clark
Subject	Church
Subject	Cathedral
Subject	Yellow Cab Company
Description	In Downtown Los Angeles facing north on South Hill Street between West Fifth Street and West Fourth Street at the entrance to the Hotel Clark. Also seen are the Broadway, Hotel Sherman, and the F.P. Fay Building. A Yellow Cab waits at the curb.
Description	Streetscape. Camera direction: 54 degrees from due north. Horizontal photography.
Type	image
Source	(call no) DW-B5-46-3
Source	(isla id) S-1
Source	ISLA-DC record no: 1
Relation IsPartOf	(collection) "Dick" Whittington Photography Collection
Relation IsFormatOf	1 photograph : photoprint, b&w
Coverage PeriodName	(scheme=ISO8601) 1939
Coverage PlaceName	(street) 4th Street & Hill Street
Coverage PlaceName	(street) Broadway
Coverage PlaceName	(structure) Hotel Clark
Coverage PlaceName	(structure) Hotel Sherman
Coverage PlaceName	(structure) F.P. Fay Building
Coverage PlaceName	(community) Downtown Los Angeles
Coverage PlaceName	(community) Bunker Hill
Coverage PlaceName	(city) Los Angeles
Coverage PlaceName	(county) Los Angeles
Coverage PlaceName	(state) California
Coverage PlaceName	(country) USA
Coverage PlaceName	(polygon scheme=NAD83.DD) -118.24685 34.05304, -118.24722 34.05243, -118.25023 34.04943, -118.24094 34.05355, -118.24685 34.05304
Coverage PlaceName	(x scheme=NAD83.Meters) point closest to camera: 1976809.531
Coverage PlaceName	(y scheme=NAD83.Meters) point closest to camera: 560999.143
Publisher CorporateName	University of Southern California. Information Services Division
Rights	University of Southern California
Format	(scheme=IMT) image/tiff
IDAID	USC-1998-000069-1 



IN CONCLUSION

THANK YOU

- *Lynn O'Leary-Archer*
- *Todd Grappone*

- *<http://gislab07.usc.edu>*