

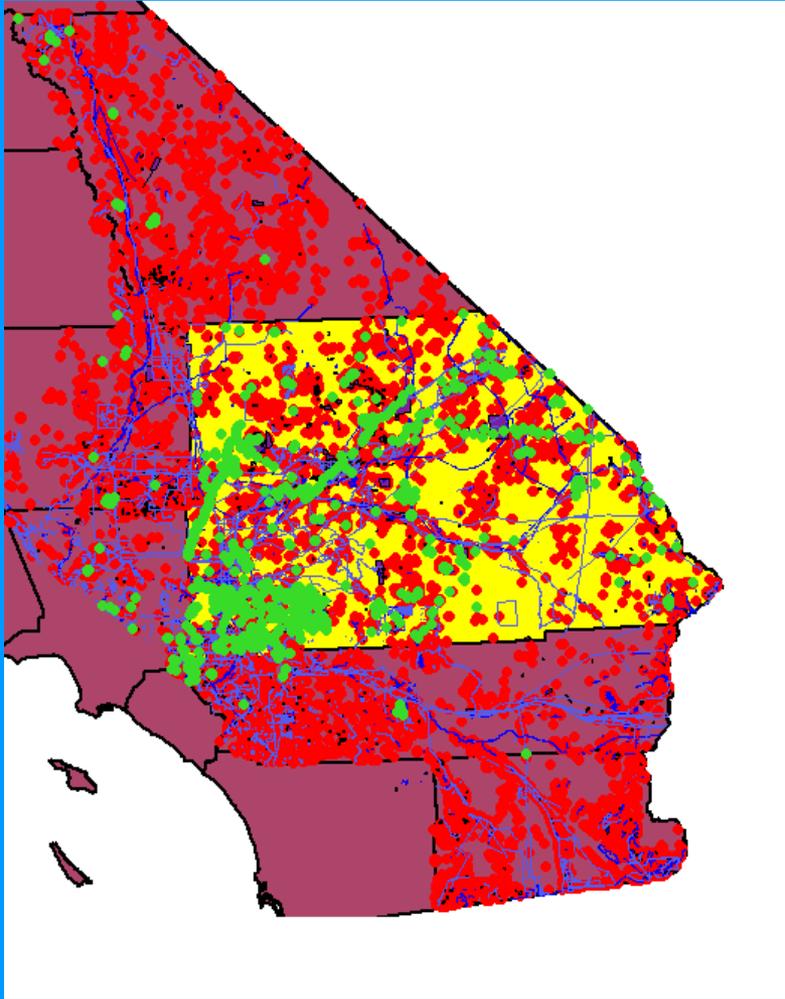
Plan for MDHRGIS Completion

- Update GIS data for San Bernardino County
- Capture resource data from images of Information Center records
- Produce Federal Geographic Data Committee-compliant metadata for product
- Provide ArcGIS 9 user interface, updated from ArcView 3.x specification in original project plan
- Submit revised product to DMG
- Provide up to 3 training sessions for MDHRGIS partners, locations and times TBA
- Product tested by partners

Completion Timeline

- Provide updated GIS data, captured data from records, metadata, and revised interface by April 2005
- Provide training to MDHRGIS partners upon delivery of product
- Partners to evaluate product during agreed-upon evaluation period
- Based on evaluation feedback, OHP to revise as needed
- Acceptance criteria and evaluation / revision timeline to be agreed upon with DMG representatives

Update of San Bernardino County



- Convert updated (Spring 2002) CAD files
- Compare GIS data to original IC CAD data
- Edit / correct as needed
- Integrate SB County GIS data with main MDHRGIS data

Database Issue and Proposal

- Standardized descriptive data about resources only exists for OHP-evaluated resources, comprising just over 1/3 of resources in GIS
- Manually adding data for remainder of resources would take over 400 person-days
- Resulting data would still be limited to fairly small set of information about the resources
- Proposed alternative to manual entry is to automatically capture data using Optical Character Recognition on images of records

PDF of IC Resource Record

University of California, Riverside
ARCHAEOLOGICAL SITE SURVEY RECORD
RECEIVED IN
ARU
MAY 28 1982
SITE NO. Riv-50 Update
COUNTY Riverside

1. USGS QUAD. Temecula (7 1/2') _____ (15')
2. UTM GRID ZONE 11: 487950 NE 3703600 mn
3. Twp. _____ Range _____; _____ 1/4 of _____
4. Location As originally described the site is on a high point overlooking the Santa Margarita River, but it also runs down the slope the east where it joins the site complex associated with Riv. 50 (Temeku)
5. Contour 1000 to 1120 feet.
6. Owner KACOR 7. Address Rancho California
8. Site Description Habitation- an extensive area of dark soil, fire affected rock, flakes and bedrock features.

9. Prehistoric Ethnographic Historic _____ Unknown _____
10. Area 300 m (E-W) x 200 m (N-S) 11. Depth up to 6' on Riv. 50
12. Vegetation Oak and grass with chamise on some areas.
13. Water Santa Margarita River on the north edge of the site.
14. Site Soil mg 15. Surrounding Soil ig
16. Previous Excavation Pothunters
17. Previous Site Designation, Published References _____
18. Destruction Possibility High if Developed
19. Features Bedrock mortars and slicks
20. Burials none observed
21. Artifacts 50 plus flakes, mano fragments, metate fragments

22. Remarks This site is probably part of Riv.50
Murrieta Creek Archaeological Area--
CA-RIV-50, -270, and -365 placed on NR 4/24/73 -- NR Forms w/RIV-270
23. Accession No. _____ 24. Site Sketch Map _____
25. Date 4-13-1982 26. Recorder L.L.Bowles 27. Photos _____

- Already delivered to Mojave Desert Ecosystem Program
- Picture of resource record
- Unaltered from original image of record
- Can't be searched / queried by text/values
- Linked directly to GIS shapes

Text from IC Resource Record

University of California, Riverside
ARCHAEOLOGICAL SITE SURVEY RECORD
RECEIVED IN _____
SITE NO. _____ MAY 28 1982 COUNTY Riverside
(15') USGS QUAIL Temecula (74')
2. UTM GRID ZONE 11 4'87950
270-600
Range _____
4. Location As originally described the site is on a high point overlooking the Santa Margarita River, but it also runs down the slope the east where it joins the site complex associated with Ely. 50 (Temecula)
Contour 1000 to 1120 feet. 6. XACOR 7. Address Rancho California
8. Site Description Habitation- an extensive area of shell, fire
scattered rock, flakes and bedrock features.
Prehistoric X Ethnographic X Historic Unknown
10. Depth UP to 6' On _____
12. Vegetation Oak and grass with chenise on some areas.
13. Water Santa Margarita River on the north edge of the site.
14. Sit- Soil D0 15. Surrounding Soil
16. Previous Excavation Pothunters
17. Previous Site Designation, Published References
18. Destruction Possibility High if Developed
19. Features Bedrock mortars and slicks
20. Burials none observed
21. Artifacts 50 plus flakes, bone fragments, pottery fragments
22. Remarks This site is probably part of Riv. 50
Burrieta Creek Archaeological Area--
CA-P-10-50, -270, and -365 placed on MR 4/24/73 -- MR Forms w/RIUS270
24.
25. Date 4-13-1982 26. Recorder L.L. Ewells

- Captured from record image
- Stored in database format
- Searchable via GIS interface, indexed for search efficiency
- Linked directly to GIS shape
- Problem text not captured

Access Text Info by Clicking on Feature

The screenshot displays a GIS application interface. On the left, a 'Layers' panel lists several layers, with 'ResourcePoly' selected and highlighted in blue. The main map area shows a topographic map with contour lines and a cyan circle highlighting a specific feature. Below the map, the 'Identify Results' window is open, showing a dropdown menu set to 'ResourcePoly'. The results table below lists the attributes for the selected feature.

| Field | Value |
|------------|---|
| FID | 2269 |
| Shape | Polygon |
| PNUMBER | 33-000450 |
| METHOD | C |
| STATUS | 2 |
| PERMISSION | 0 |
| LAST_EDIT | 10/29/2002 |
| NOTE | |
| AREA_NAME | |
| AKA | |
| SOURCE | |
| DIGPERSON | |
| DIGORG | 0 |
| PTYPE | 0 |
| TRINOMIAL | |
| CHRISID | 0 |
| COUNTY_ID | 33 |
| TEMPP | 0 |
| RECORDTXT | Site Description Five (5) mortars on granite outcrops with an associated mortar and pestle Possible midden. '±wo rock |

FGDC-Compliant Metadata

- Metadata: describes the data
- Federal Geographic Data Committee standards are widely used
- Can be generated and accessed using GIS software
- Will be layer / theme-specific for MDHRGIS GIS data

ArcGIS 9 Interface Development

- Include features for querying text data, as well as accessing PDF files and conducting spatial queries
- Develop in cooperation with MDEP staff, using additional contractors and / or DPR staff as needed

MDHRGIS Training Sessions

- One-day sessions
- Training to be provided by OHP staff
- Walk users through use of new interface
- Include a user manual
- Located in Desert area
- If available, will use Partner or DPR facilities
- 1-3 redundant sessions, as needed, to include at least one representative from each partner agency in least one session

Evaluation and Revision of Product

- Establish acceptance criteria with DMG representatives / PACRAT
- Partners apply criteria while testing
- Feedback to OHP on acceptability
- Revisions to product as needed
- Retest / revise until accepted