

This excerpt from the technical note in the Burning Man Monitoring Report demonstrates how over 1,200 GPS-enabled photos used to monitor and document week-long Burning Man event. Four Ricoh 500SE cameras were used to photo-documentation everything 'good, bad or ugly' at the event. The Ricoh cameras, combined with Geospatial Experts GPS-Photo Link and ESRI ArcGIS software made it possible to complete the 10 studies detailed in the Stipulation Monitoring Report.



1. Minimal training

Training for use of these cameras took less than 15 minutes. This was ideal for our team of mostly volunteers.

2. GPS-record the locations photographs were taken

The accuracy of this location is approximately 2-5 m. While this is not as accurate a location as the Trimble GPS units could record, it is sufficient for the Team's purposes. The cameras do have the ability to record the location of the object photographed rather than the location of where the photograph was taken, however, the Team did not require this capability.

3. Record information about each photograph

Caplio's List Editor software (which ships free with the camera) was used to create a data dictionary to ensure all information was collected in a standard way. Outlined below are the possible entries accessed via drop-down menus for each of the 5 data fields.

Field: Representative attribute values

Study: Art Project, Perimeter Fence, Trash transects

Stipulation: 19 – Art Burn, 32 – Perimeter Fence, 79 – Trash

Status: Good/Stip Met, Bad/Concern, Ugly/Violation, Other

First Digit: 1st digit of trash transect number (0-9)

Second Digit: 2nd digit of trash transect number (0-9)



0. Ricoh GPS camera provides geotag information on the photograph, which can be customized