Creating a GIS Database

Pre-Columbian Settlement Pattern Analysis in Costa Rica

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Database Creation

- Locational Information
  - Lambert Coordinates
- Site Attributes
  - Site name, code, time period
  - Site type/function (habitational, funerary, etc)
  - Monumental art (Stone Spheres)

Georeferencing

- Bootstrap georeferencing topographic maps
  - To use 1:50,000 scale, Lambert south coordinate maps
  - No defined ESRI projection for Lambert South Coordinates
- Hand georeferenced 101 archaeological sites
  - Sites recorded in Lambert South Coordinates
Clusters

Identification of Clusters in the Region

Cluster A
Cluster B
Cluster C
Linea Group
Alluvial Plain
Closer examination (Cluster A)
Closer examination (Cluster B)
Site Type Distribution by Time Period
Monumental Art