









## 2.03 GIS for Presentation

The municipal/city CLUP, as a tool for local governance should be accessible and understood not only by the planners and implementers but by the general public.

The requisite information contained in the maps, tables, diagrams, and the plan itself should be easy to read and interpret in order to encourage an open exchange of information, and dialogue among planners, elected representatives and the general public. Public participation in planning and implementation of the CLUP is an integral part of the process, and the voice of the local constituents should always be heard in decisions concerning land use.

In order to make the Comprehensive Land Use Plan truly comprehensive, the GIS Cookbook will provide guidelines on how to address some of the following gaps in many of the current CLUPs that have been identified:

-  Distinguish the difference between a 'plan' and a 'map'
-  Consistencies in scale and the use of the scale bar
-  Use of the Legend and consistency of the symbols used in both the Legend and the Map itself.
-  Appropriate use of point symbols and polygon symbols.
-  Distinguish between thematic information and base information which are often mixed together or displayed without having a base map as a backdrop for easy reference.
-  Appropriate use of hatching and raster using proper color-coding and / or line thickness, to make the thematic information clearer to the map reader.
-  Use of informative charts, graphs, and other illustrative graphics in the narrative text instead of hard to read tables and matrices.
-  Translating information into more understandable maps for easier comparison and analysis.

The capabilities of GIS for planning and analysis are often overlooked by planners who oftentimes use it mainly for mapping. The GIS Cookbook will introduce examples of how to use the analytical capabilities of GIS to enable planners to make more efficient use of the technology.

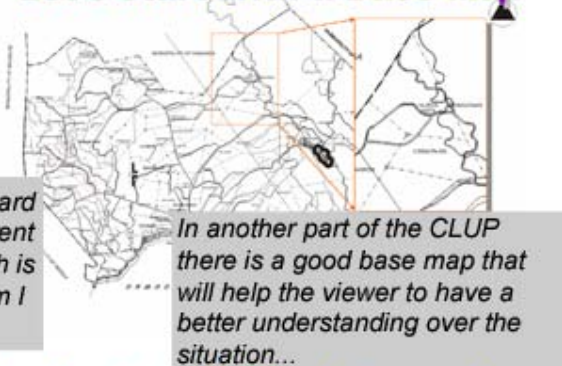
An example is shown below to demonstrate how GIS can improve one aspect of the CLUP, which is the CLUP Base Map, through an integrated use of symbols and color codes, and how these can be used for making thematic maps that will facilitate analysis.

# Data OK, but where is the INFORMATION?

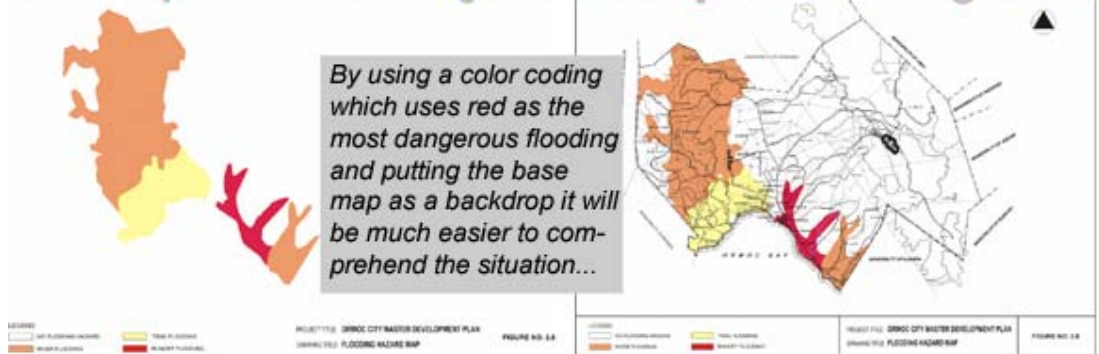
## A 'GIS' Example



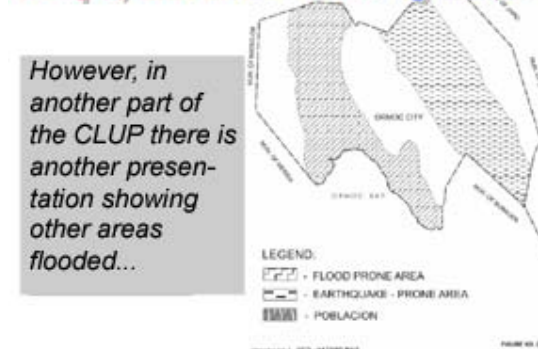
## Let's start with a Base Map



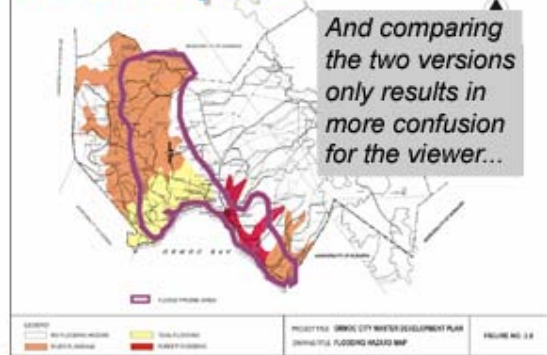
## Let's improve the Flooding data And put it all together



## Ouops, another Flooding Data!



## Let's compare



# Lesson Learned

The spatial data must be captured with agreed and acceptable (positional) accuracy; must be properly georeferenced; must be defined in the right projection; and must have enough information about how it was prepared (metadata).

Spatial data should be properly set from the beginning in order for the MPDC to focus on actual planning and preparation of the CLUP