



### 4.21.03 Recommended Palettes to use for CLUP Spatial Feature Object **(First Draft Version)**

This write-up will serve as a guide on how to use the symbology and colors found in information products and tutorials.

The document is organized into the following subchapters:

1. [Recommended colors for the CLUP Map](#)
2. [Recommended colors for some information products](#)
3. [Recommended symbology for point features](#)

A Color will be presented with its RGB-code.

#### 1. Recommended colors for the CLUP map

In Annex 4-3 of Volume 1 the following colors are recommended. For the sake of consistency between different CLUP maps, these recommendations should be obeyed. The table below differs from the Annex 4-3 table in that the paths to ArcGIS standard symbols are included.

LAND USE CATEGORIES	COLOR CODING, <i>FILL SYMBOL in ArcGIS</i>
Urban Use Areas	
Residential	Yellow (yellow A), RGB-255,255,130
Commercial	Red (super warm red A), RGB-255,0,0
Infrastructure/utilities	Gray, RGB-190,190,190
Institutional	Blue (293-A), RGB-0,0,255
Parks/playgrounds and other recreational spaces	Light Green, RGB-100,225,100
Industrial	Violet (265-A), RGB-140,0,200
Agriculture	Green (354-A), RGB-0,150,0
Forest and forest use categories	Dark Green RGB-0,100,0 <i>Different symbols/ patterns over dark green background per forest</i>



	<i>use category (some symbols are found in ....).</i>
Mining/quarrying	Brown (139-A), RGB-153,51,0
Grassland/pasture	Olive Green (399-A), RGB-90,125,40
Agro-industrial	Light Violet (528-A), RGB-200,150,255
Tourism	Orange, RGB-255,102,0
Other uses /categories	Appropriate color other than the above
Cemeteries	
Dumpsites/sanitary landfills	
Buffer zones/greenbelts	
Idle/vacant land	
Reclamations	
Water Uses	Light blue super-imposed with different patterns/symbols per sub-category. RGB-175,215,230
Nipa swamps	<i>Esri styles/Fill symbols/swamps</i>
Mangrove forests	<i>Esri styles/Fill symbols/mangrove</i>
Tourism (recreation/resorts)	
Settlements on stilts	
Infrastructure (e.g. ports/fish landing)	
Aquaculture and marine Culture (e.g. fish cages/fishpens, seaweed culture)	
Others, specify (e.g. river sand/gravel quarrying)	

[\[Return to top of the document\]](#)

## 2. Recommended Colors for some Information Products

*Colors Separating Different Categories*



The objectives of some of the Information Products are only to present an inventory of different land categories. The recommended colors in these IPs conform in the most cases to the land use categories defined above for the CLUP map. However, note that in other cases colors are recommended only for a clear map presentation within the specific information product.

It is recommended that areas in an IP that are defined as not suitable are assigned hatching patterns.

*Qualitative Scales.*

Several Information Products in the Socio-Economic sector deal with quality indicators in a scale often ranging fair-poor-critical. These will be used in the needs analyses. A simple, intuitive and coherent color coding through different maps is:

Fair	Green, RGB-0,255,0
Poor	Yellow, RGB-255,255,0
Critical	Red, RGB-255,0,0

When different indicators are overlaid with each other, it is better to concentrate only on the poor and/or critical areas. Different types of hatching will refer to different indicators, thus from the map the following can be interpreted (see example below). Also refer to the respective Information Product.

Indicator A, poor, not critical	
Indicator A, critical	
Indicator B, poor to critical	
Indicator C, poor to critical	
Both Indicator B and C, poor to critical	

*Quantitative Scales*

Examples of indicators that are quantitatively compared to one another are population size and density per barangay, revenue per capita per barangay and crop yield per cultivated area. ArcGIS assign automatically a color scale grouping the value of the indicator in automatically rendered groups. It is recommended to use scales where darker colors refer to higher values and lighter colors to lower values. Also, the groups can be manually edited, which is recommended, especially if defined revenue categories exist.






[\[Return to the top of the document\]](#)















### 3. Recommended Symbology for Point Features

The table below presents symbols used in different IPs (ascending by IP number). The location of the symbol is given.

Tip! The symbols in the document (when HTML!) are bitmap-files. You can right-click on each symbol image and store in the ArcGIS symbology folder (normally it is found here: *C:\Program Files\ArcGIS\Bin\Styles\*). You can then create a new style file and add the symbols as marker picture symbols. Refer to ArcGIS help section for this.

<b>4.05.03 Administration</b>		
City/Municipal Hall (is also captured as it can house a Barangay Office as well)		
Barangay Hall/Office		
<b>4.06.02 Health</b>		
Hospital		
City/municipal Health Office		
Barangay Health Center		
<b>4.06.03 Education</b>		
Pre-school		Civic.style > Marker Symbols > School 2
A primary school or an elementary (which also can include a pre-school)		Civic.style > Marker Symbols > School 1
A secondary school/high school (which also can include an elementary school)		Civic.style > Marker Symbols > School 1 (larger)
(Tertiary)		Civic.style > Marker Symbols > School 2 (Modified. Explain how!)
<b>4.06.04 Protection</b>		
		<i>Symbols for different crimes shown in screenshot are found in Civic.style &gt; Marker Symbols &gt;</i>
<b>4.06.05 Religion</b>		








Church		Civic.style > Marker Symbols > church
Mosque		Civic.style > Marker Symbols > Place of Whorship - Moslim
Hindu Temple		Civic.style > Marker Symbols > Place of Whorship - Hindu
Synagogue		Civic.style > Marker Symbols > Place of Whorship - Jewish
Pagoda		
Other		
<b>4.06.06 Recreation</b>		
Basketball Court		
<b>4.06.07 Social Welfare</b>		
Day Care Centers		
<b>4.06.08 Commerce</b>		
Financial Intermediation		Business style > Marker Symbols > Bank 3
Health and Social Work		
Hotels and Restaurants		Business style > Marker Symbols > Dining 2
Other Community, Social and Personal Service Activity		
Real Estate, Renting and Business Activities		Business style > Marker Symbols > House 1 ???
Wholesale and Retail Trade, Repair of Motor Vehicles, Motorcycle and Personal and Household Goods		Business style > Marker Symbols > Shopping 2
<b>4.06.09 Industry-</b>		
		<i>These symbols are created based on..... They don't exist in style files. However, there are other industry symbols in for example....</i>
Light Industry		
Medium Industry		



Heavy Industry		
<b>4.06.10 Tourism</b>		
The object will be tourism accommodations, a point feature		Civic.style > Marker Symbols > Lodging
Restaurants		Civic.style > Marker Symbols > Dining 1
Fastfood		Civic.style > Marker Symbols > Dining 2
Transport Terminal		Civic.style > Marker Symbols > Bus 1 ?
Mall		Business style > Marker Symbols > Shopping 1
Parks		
Groundwater Source		
<b>4.06.11 Agriculture</b>		
		<i>Refer to IP for exact symbols and their sizes. The support facility point is blue, the project square green and irrigation systems are whole lines</i>
<b>4.07.02 Water</b>		
Water source (point)		
<b>4.07.04 Telecom</b>		
Large Tower		
Post office		
<b>4.09.06 Cultural Heritage</b>		
		<i>Symbols created based on Esri symbol "Conservation" in</i>



		<i>Conservation style file (Marker symbols), except the first symbol.</i>
Cultural Heritage Object declared by UNESCO (World Heritage Site)		Conservation.style > Marker Symbols > Global Awareness
Cultural Heritage Object declared by National Historical Institute		
Cultural Heritage Object declared by National Commission for Culture and Arts		
Cultural Heritage Object declared by National Museum		
Cultural Heritage Object declared by LGU		

[\[To the top of the document\]](#)