



GIS Mapping Competition "Mapping the World"

Evaluation Criteria

1. Map Documentation

A brief text (2-3 paragraphs) in which the following will be documented and the sources consulted by the participants will be mentioned:

- The subject of the map. What does it depict, what are the geographical features it focuses on, and what is the message it conveys?
- The purpose of the map. What needs does it aim to address, and how?
- The design style of the map. Is it classic, formal, graphic, or childlike? The style should align with the subject and purpose of the map.
- The target audience of the map and its characteristics, such as age, interests, habits, etc. The target audience should correspond to the map's design style.

2. Map Layout

The overall layout of the map and all peripheral elements are evaluated.

2.1. Map Title

The map title must be prominently placed and include relevant information such as the creation date, author, etc.

2.2. Scale

The map scale can be verbal, graphical, or both. It can be displayed in multiple metric systems (kilometers, miles, nautical miles, etc.).



2.3. North Indicator

The north indicator can show geographical and/or magnetic north. The north indicator symbol must align with the map's design style.

2.4. Legend

The legend must be understandable, legible, and appropriately positioned throughout the layout.

2.5. Data Sources

Data sources used to create the map should be appropriately presented in the layout.

3. Color Harmony

The appropriate use of colors for all map elements and the overall color composition based on the map's purpose is evaluated.

3.1. Color Selection

The selection of colors for map entities is evaluated. Colors should align with the map's purpose and target audience.

3.2. Saturation Usage

The appropriate use of color saturation is evaluated. Generally, non-saturated colors (e.g., pastels) or a balanced combination of saturated and non-saturated colors are recommended.

3.3. Tone Usage (Brightness)

The appropriate use of brightness is evaluated. Especially for monochromatic maps or maps with a limited color palette, brightness is used to convey tonal variations.



4. Readability

The readability of the map and the correct and optimal use of all text elements, paragraphs, and labels are evaluated.

4.1. Font Selection

The appropriate use of fonts is evaluated. The font choice should align with the map's style and the target audience. The use of multiple font families will also be evaluated if chosen. Proper use of font characteristics (e.g., size, weight, thickness) for each group of text elements will be assessed. Lastly, the use of font color and its interaction with the map's background will also be evaluated.

4.2. Hierarchy

The combined application of the aforementioned font characteristics (e.g., size, weight, color) to create visual hierarchy across all text groups will be evaluated.

5. Symbols

The use of symbols for point and line entities on the map is evaluated.

5.1. Symbol Selection

The degree to which the selected symbols represent the geographic entity and the ease of understanding without relying heavily on the legend are evaluated.

5.2. Usage of Characteristics (Size, Weight, Thickness, Color)

The proper use of symbol characteristics (e.g., size, weight, thickness) for each group of entities is evaluated. The interaction of symbol colors with the map's background will also be assessed.

5.3. Hierarchy

The combined application of symbol characteristics to create visual hierarchy across all groups of entities will be evaluated.

6. General Aesthetics

The overall aesthetic of the map as a complete visual composition is evaluated.