

- 1. 2D and 3D Presentation of Spatial Data: A Systematic Review**
- 2. 3D InfoVis is Here to Stay: Deal with It**
- 3. The (Possible) Utility of Stereoscopic 3D Displays for Information Visualization: The Good, the Bad, and the Ugly**

Takeaway and my view:

When I was reading these papers I was thinking about different charts in 2D and 3D platforms. And by comparing and thinking about the examples of the paper I think we cannot present all charts in 3D environments. When we want to present the population of the cities of a country, if we show it with a 2D bar chart it normally works, and user can easily read it. But when we want to take this data to the immersive VR environment and place the user on the map, and have the bar charts which show the level of the population of that spot, and let the user see it, I will be difficult to read the amount or compare the population. Because in that case it depends on the users point and place of view.

Another paper was presenting the different styles and types of the dataVis considering the categories of the big data. In my view if we only explore the existed visualizations it makes our creativity very limited and we cannot ourselves come up with a novel liquid architecture of that dataset.