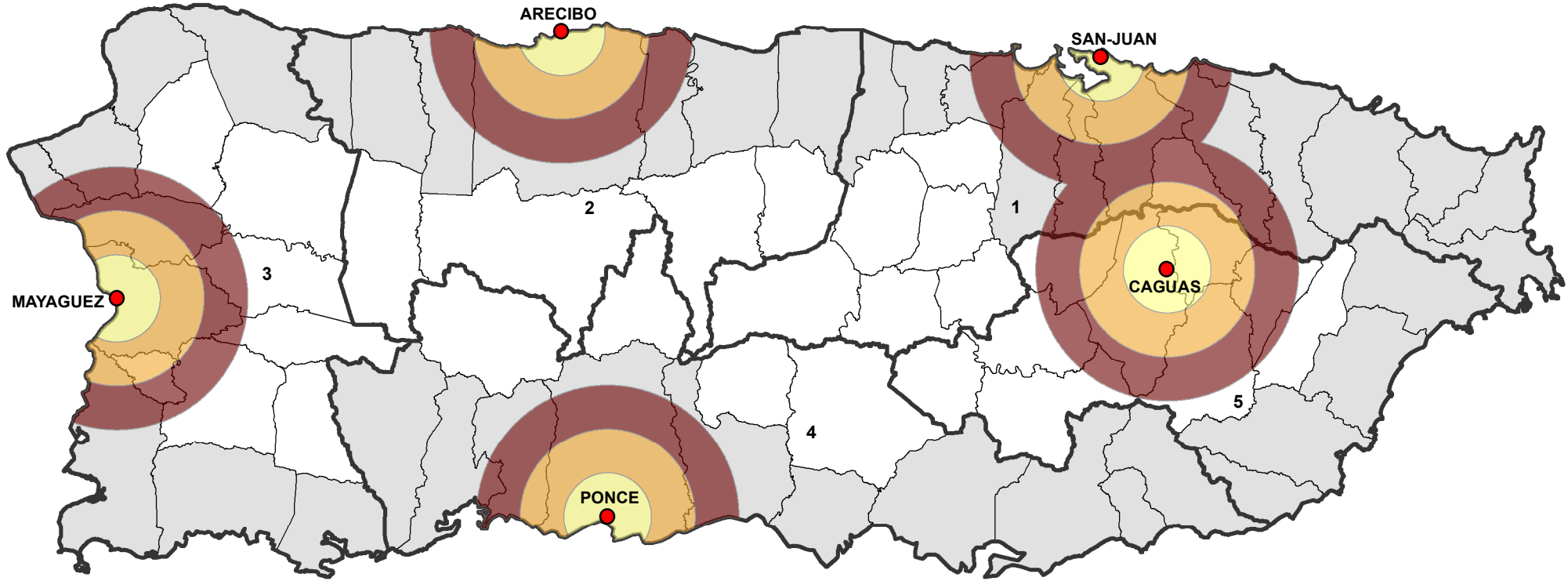


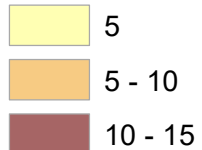
Puerto Rico



Legend

● Cities

Distance from the city



Administration boundaries 1 -5

Administrative Districts

Inland and Coastal Municipalities

Inland/Coast



Answers:

7a) Intersection and union tools are used to combine the data from different layers, unlike clip tool which clips the layers in interest to fit a certain frame. Like in this case it clips buffer layer to fit the administration boundaries (portions that fall on the land).

9) The buffer tool is used to represent an area around a selected attribute (in this case it is area around cities). The type of analysis done with this tool can vary from the land use around the city, it can represent the areas affected after the earthquakes (different ring colors would represent different earthquake magnitude), also it could analyse health effects going further from the source point highlighting the toxic area surrounding the pollutant generator.

