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## Información suplementaria

Illuminating the threat: a decade-long analysis of light pollution in Colombian main urban centers through satellite imagery

Iluminando la amenaza: análisis de una década de contaminación lumínica en los principales centros urbanos de Colombia mediante imágenes satelitales

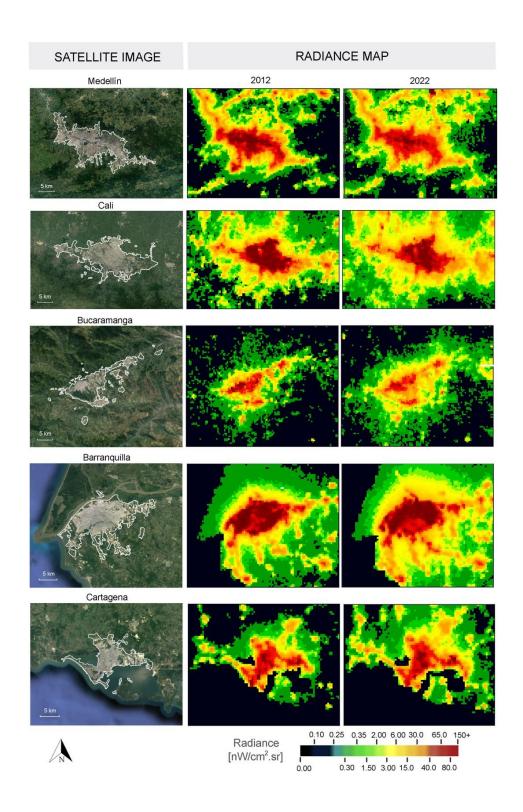
Kennet J. Rueda Espinosa, Andrés F. Guerrero Guio, Santiago Vargas

Domínguez, Mauricio Vinasco Téllez and Cristian Goez Therán

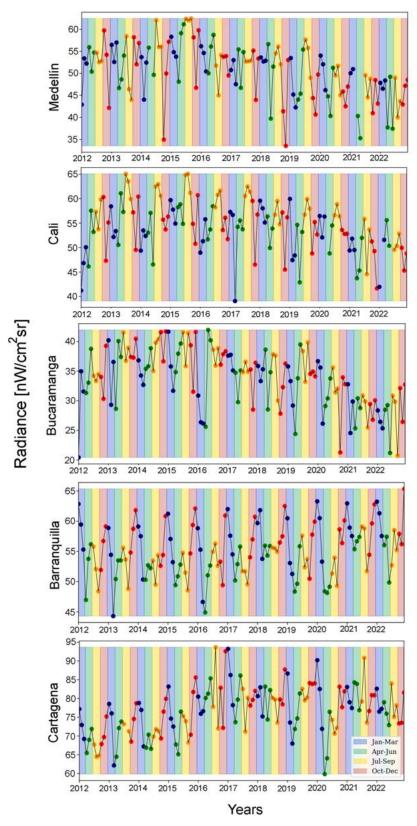
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## Contenido

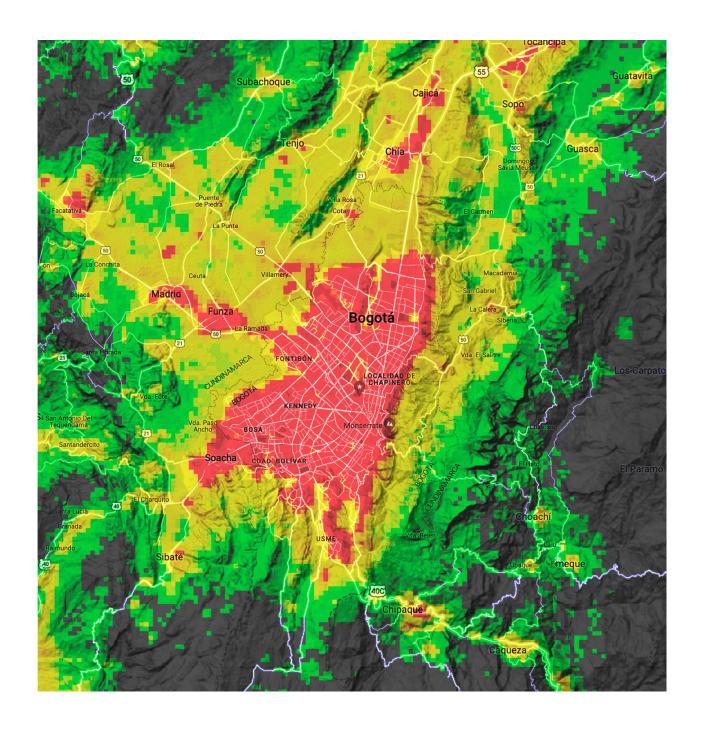
- Figure 1S. Comparative maps of annual mean radiance for Colombian main cities.
- Figure 2S. Average monthly light emissions in the main cities in Colombia (2012-2022).
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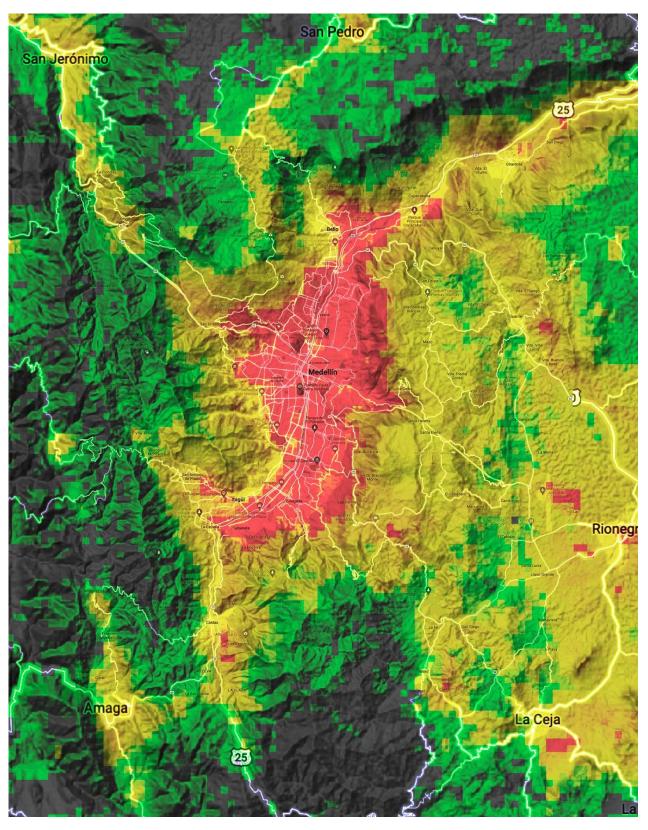
**Figure 1S**. Comparative maps of annual mean radiance measured in the main cities in Colombia through satellite sensors, for 2012 and 2022, as labeled. The white contours delimit the urban areas in each city. North is up.



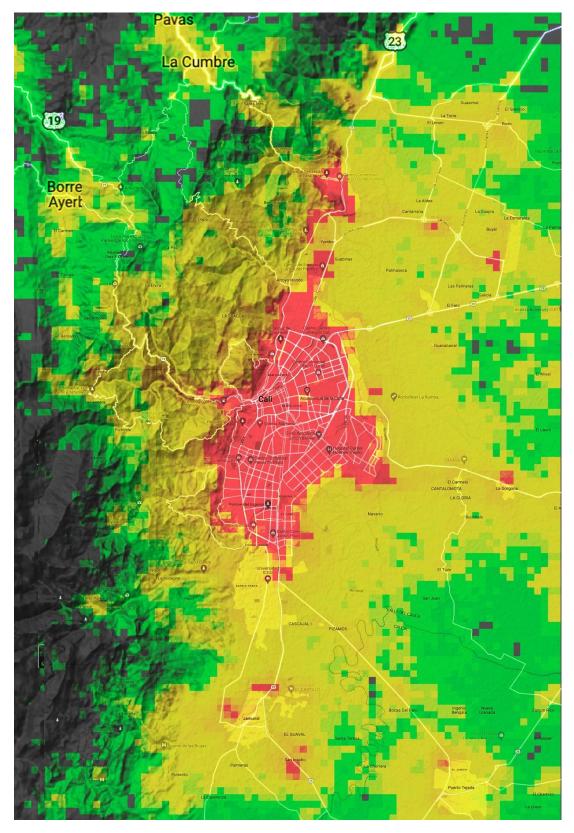
**Figure 2S.** Average monthly light emissions in the main cities in Colombia for the decade 2012-2022. Color stripes represent the different quarters for every year, as labeled. The colors of the points correspond to the quarter to which they belong.



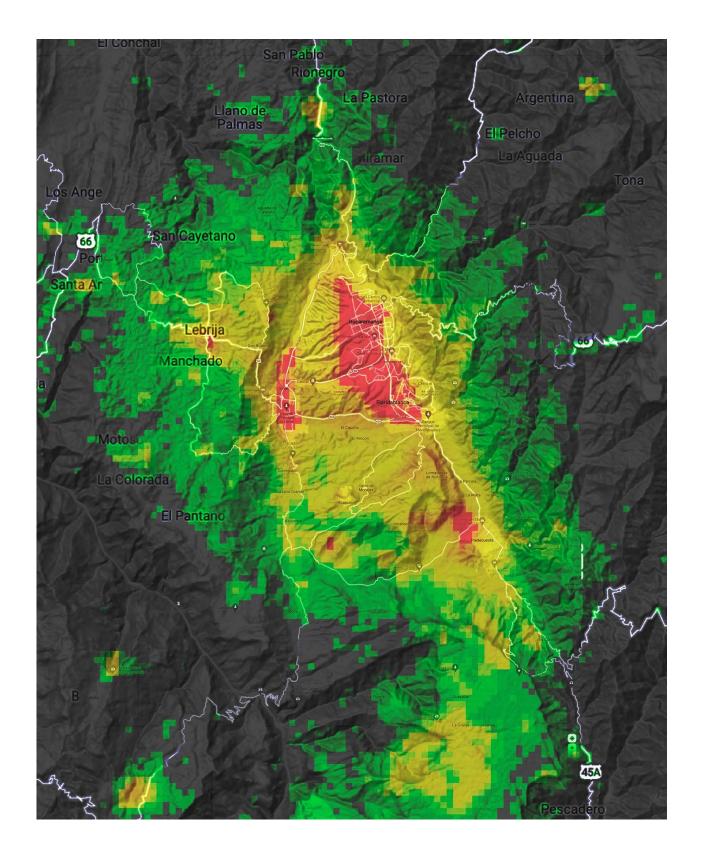
**Figure 3S.** Map of radiance for Bogota as computed for the most illuminated month in 2022.



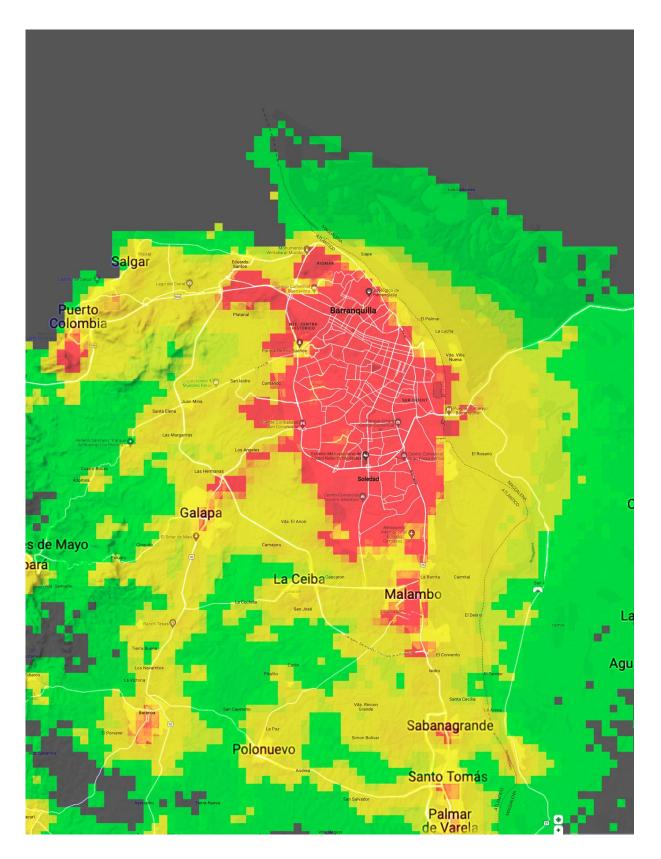
**Figure 4S.** Map of radiance for Medellín as computed for the most illuminated month in 2022.



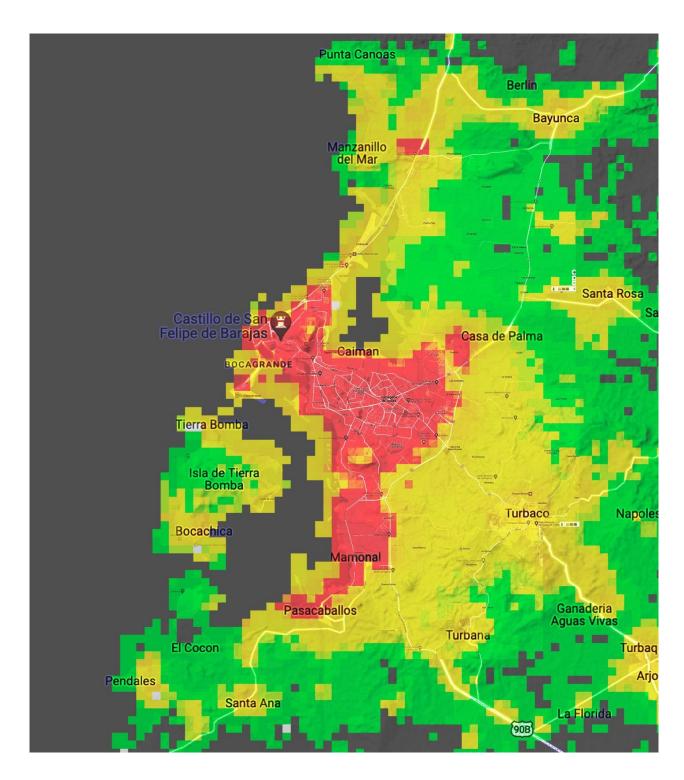
**Figure 5S.** Map of radiance for Cali as computed for the most illuminated month in 2022.



**Figure 6S.** Map of radiance for Bucaramanga as computed for the most illuminated month in 2022.



**Figure 7S.** Map of radiance for Barranquilla as computed for the most illuminated month in 2022.



**Figure 8S.** Map of radiance for Cartagena as computed for the most illuminated month in 2022.